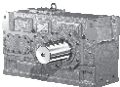
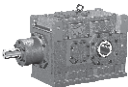




**SAILAN**

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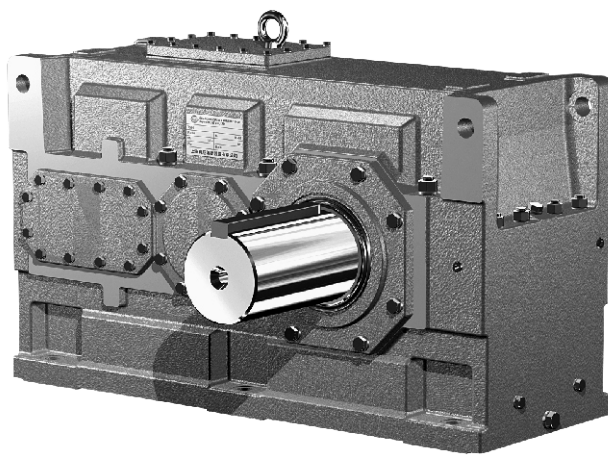
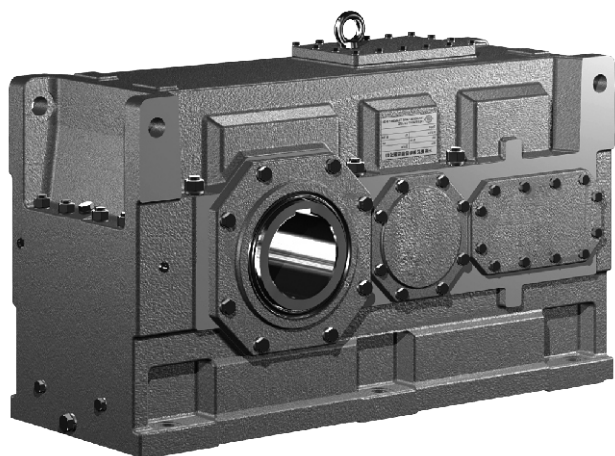
上海赛岚传动设备有限公司  
地 址：上海奉贤区光泰路1999号  
服务热线：4008-707-167  
传 真：021-33275517  
网 址：www.shsailan.com

# H系列平行轴传动工业齿轮箱 B系列直交轴传动工业齿轮箱

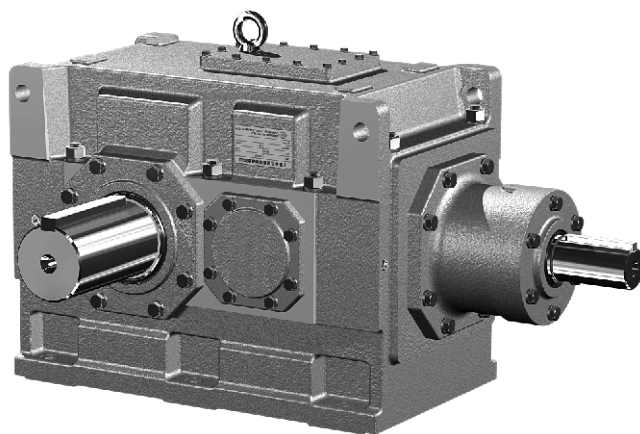
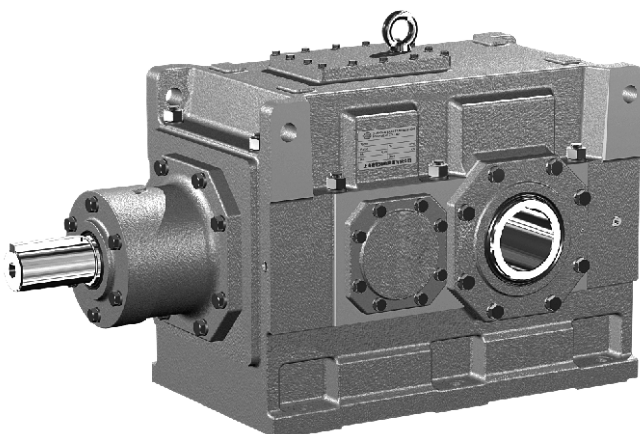
## H SERIES PARALLEL SHAFT INDUSTRIAL GEARBOX

## B SERIES RECTANGULAR SHAFT INDUSTRIAL GEARBOX

H系列平行轴传动工业齿轮箱  
H Series Parallel Shaft Industrial Gearbox



B系列直交轴传动工业齿轮箱  
B Series Rectangular Shaft Industrial Gearbox





## 减速机 Reductors

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减速机 Reductors

基本类型概括 Summary of Basic Types

卧式安装

平行轴减速机

类型 H1..., H2..., H3..., H4..

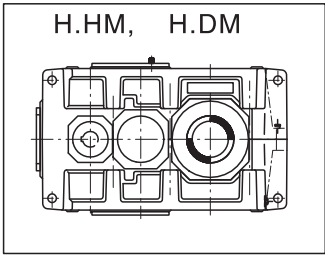
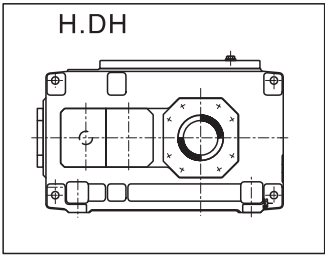
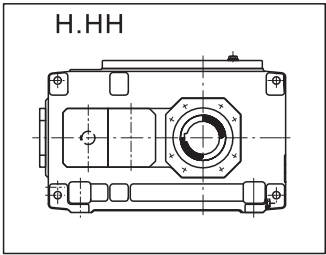
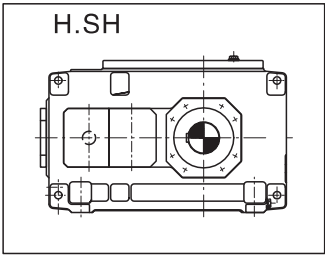
1-...4-级传动,  $i_N=1.25-450$

Horizontal mounting position

Helical reducers

Types H1..., H2..., H3..., H4..

1-...4-stage,  $i_N=1.25-450$



直交轴减速机

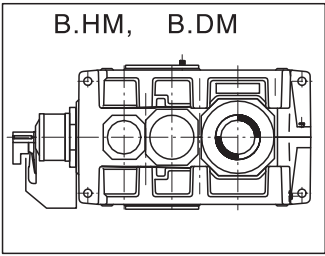
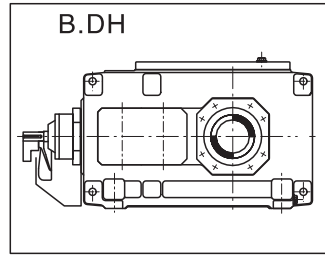
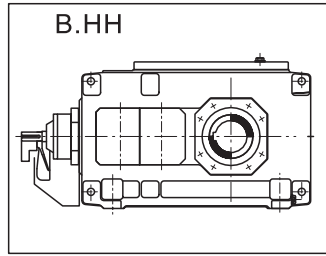
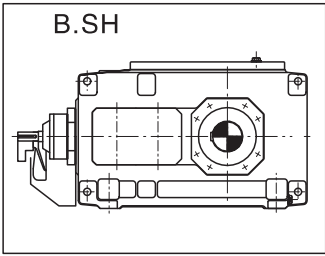
类型 B2..., B3..., B4..

2-...4-级传动,  $i_N=5-400$

Bevel-helical reducers

TYPES B2..., B3..., B4..

2-...4-stage,  $i_N=5-400$



立式安装

平行轴减速机

类型 H2V, H3V, H4V

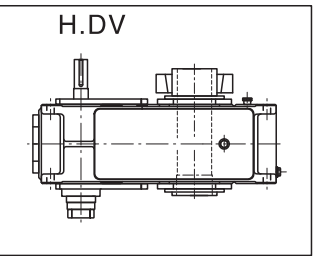
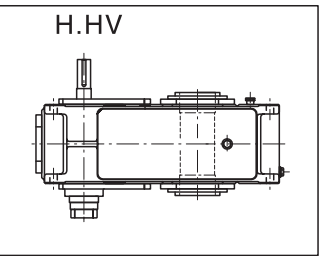
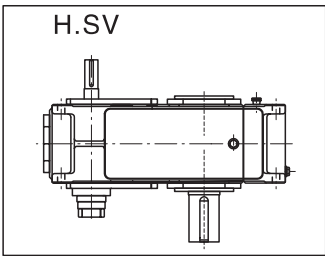
2-...4-级传动,  $i_N=6.3-450$

Vertical mounting position

Helical reducers

Types H2V, H3V, H4V

2-...4-stage,  $i_N=6.3-450$



直交轴减速机

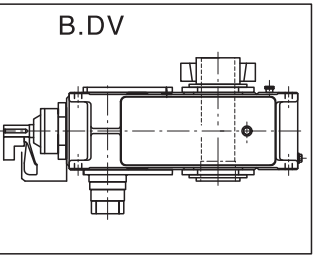
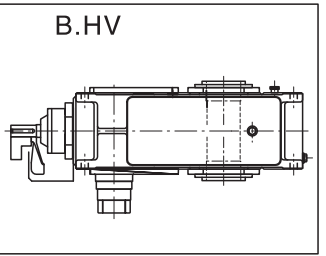
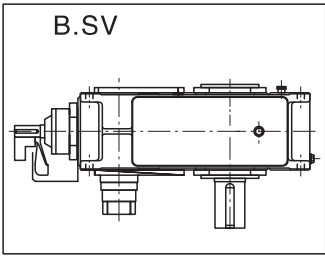
类型 B2.V, B3.V, B4.V

2-...4-级传动,  $i_N=5-400$

Bevel-helical reducers

Types B2.V, B3.V, B4.V

2-...4-stage,  $i_N=5-400$



## 减速机 Reductors

### 性能特点 Characteristic

#### 设计

平行轴和直交轴减速机采用全新设计，其独特的创新之处在于：

- 零部件种类减少，而规格型号增加；
- 运转可靠性提高，传动功率增大；
- 可以提供法兰盘式输出轴，使减速机满足在狭小空间的安装要求根据（根据用户要求供货）。

#### 安装方式

减速机既可卧式安装，也可立式安装。

- 如果用户提出要求，也可采用其他安装形式。
- 安装电机用法兰、扭力支撑装置均为产品的标准配置。

#### 齿轮的噪音特性

- 采用最新设计思想，通过以下途径彻底改善齿轮的噪音特性：
- 利用吸收噪音的箱体结构；
- 采用特大的齿面接触比。

#### 减速机散热

减速机不仅具有很高的传动效率，而且具有良好的散热性能，主要通过以下方法：

- 增大箱体的表面积；
- 采用大风扇及新型导流风扇罩；
- 根据较低的最大允许油温选择午马减速机。这样可因换油周期加长而提高设备运行可靠性，并能降低设备维护费用。

#### 库存

减速机根据单元结构模块化设计原理，大大减少了零部件种类。

#### Design

reductors are a completely new design. Outstanding innovations are:

- More sizes with a reduced variety of parts;
- Higher operational reliability combined with increased power capacity;
- Flanged output shafts to facilitate assembly of reductors in confined spaces (on request).

#### Mounting position

reductors can be supplied for either horizontal or vertical installation.

- Other arrangements are also possible on request.
- Motor bell housings, Torque supports are part of our standard product range.

#### Noise behaviour

- New concepts were applied to clearly improve the noise emission of the reductors
- Designing noise-absorbing housings
- Achieving exceptionally large contact ratios.

#### Thermal conduction

reductors not only have a high efficiency but also a favourable thermal conduction

- Through enlarged housing surface areas;
- because large fans incorporating a new type of air conduction fan cowl are being used.
- The selection of WUMA reductors is based on a lower maximum oil temperature. By that, the operational reliability will be increased and the cost of maintenance reduced due to longer oil change intervals.

#### Storing

reductors have been designed according to a new unit construction principle.

减速机 Reductors

一般说明 General Information

注意事项：

应严格遵守以下各项：

- 样本中的附图只属范例，并不要求严格一致，所注尺寸可以有所变动。
- 所注重量仅为平均值，并不要求严格一致。
- 为防止发生事故，所有旋转部件均应根据国家和当地安全规定加罩防护。
- 试车之前，必须认真阅读设备操作说明书。减速机供货时已作好运行准备，只是未加润滑油。
- 此处给出的加油量只作为参考值。实际油量应以油尺上的标记为准。
- 润滑油粘度须以减速机铭牌上的数值为准。
- 减速机供货时带径向轴封。用户如有特别要求，可提供其它形式的密封装置。
- 转动方向是指输出轴 d2 的方向

Attention:

The following items are absolutely to be observed:

- Illustrations are examples only and are not strictly binding. Dimensions are subject to change
- The weights are mean values and not strictly binding.
- To prevent accidents, all rotating parts should be guarded according to local and national safety regulations.
- Prior to commissioning, the operating instructions must be observed. The reducers are delivered ready for operation but without oil filling.
- Oil quantities given are guide values only. The exact quantity of oil depends on the marks on the oil dipstick.
- The oil viscosity has to correspond to the data given on the name plate.
- The reducers are supplied with radial shaft seals. Other sealing variants on request.
- Directions of rotation referring to output shaft d<sub>2</sub>.

在标注尺寸的图纸上使用的符号说明如下：

Explanation of symbols used in the dimensioned drawings:

|                                                                                     |   |     |              |
|-------------------------------------------------------------------------------------|---|-----|--------------|
|  | = | 油尺  | Oil dipstick |
|  | = | 通气孔 | Breather     |
|  | = | 放油孔 | Oil drain    |
|  | = | 加油孔 | Oil filler   |

规格 13 号以上减速机箱体地脚上配有千斤顶螺丝，箱盖上配有调平面。

From size 13 up jack screws in the housing feet, and leveling pads on the upper housing part.

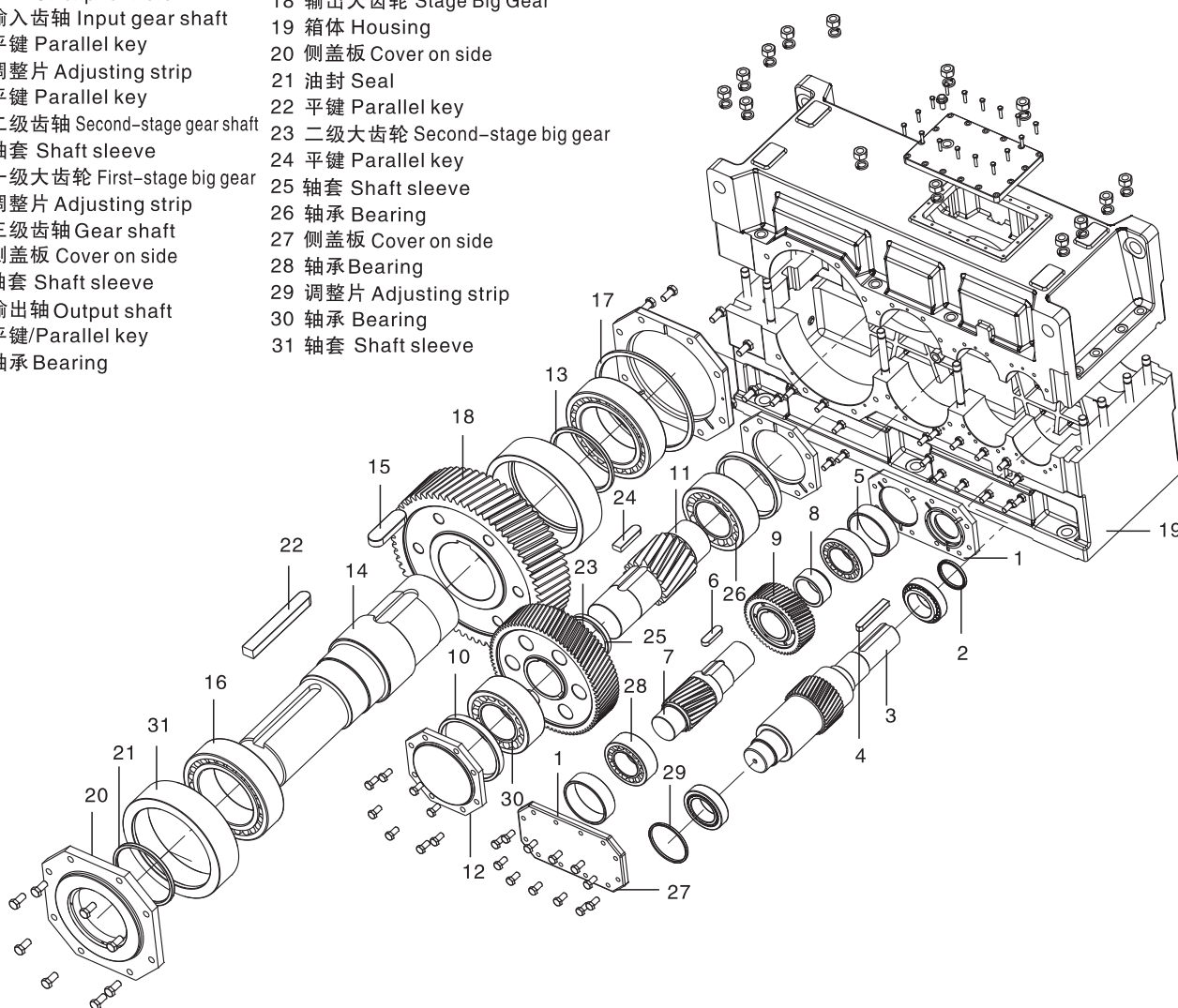
基础螺栓的最低性能等级为 8.8 级。

Foundation bolts of min. property class 8.8.



H系列结构图:/ H series structrue drawing:

- |                                |                                |
|--------------------------------|--------------------------------|
| 1 侧盖板 Cover on side            | 17 调整片 Adjusting strip         |
| 2 油封 Circlip for hole          | 18 输出大齿轮 Stage Big Gear        |
| 3 输入齿轴 Input gear shaft        | 19 箱体 Housing                  |
| 4 平键 Parallel key              | 20 侧盖板 Cover on side           |
| 5 调整片 Adjusting strip          | 21 油封 Seal                     |
| 6 平键 Parallel key              | 22 平键 Parallel key             |
| 7 二级齿轴 Second-stage gear shaft | 23 二级大齿轮 Second-stage big gear |
| 8 轴套 Shaft sleeve              | 24 平键 Parallel key             |
| 9 一级大齿轮 First-stage big gear   | 25 轴套 Shaft sleeve             |
| 10 调整片 Adjusting strip         | 26 轴承 Bearing                  |
| 11 三级齿轴 Gear shaft             | 27 侧盖板 Cover on side           |
| 12 侧盖板 Cover on side           | 28 轴承 Bearing                  |
| 13 轴套 Shaft sleeve             | 29 调整片 Adjusting strip         |
| 14 输出轴 Output shaft            | 30 轴承 Bearing                  |
| 15 平键/Parallel key             | 31 轴套 Shaft sleeve             |
| 16 轴承 Bearing                  |                                |



### H系列工业齿轮箱机型号规格及机型表示方法:

本系列减速器的型号规格有: H(01、03、04、05、06、07、08、09、10、11、12、13、14、15、16、17、18、19、20、21、22、23、24、25、26)等25种, 减速比有1.25~450等多种速比, 可分配9~660kW。

其中一级传动的机型号有: H1-(01、03、05、07、09、11、13、15、17、19)等10种, 公称传动比分别有: 1.25、1.40、1.60、1.80、2.00、2.24、2.50、2.80、3.15、3.55、4.00、4.50、5.00、5.60等14种。

其中二级传动的机型号有: H2-(03、04、05、06、07、08、09、10、11、12、13、14、15、16、17、18、19、20、21、22、23、24、25、26)等24种。公称传动比分别有6.30、7.10、8.00、9.00、10.0、11.2、12.5、14.0、16.0、18.0、20.0、22.4、25.0、28.0等14种。

其中三级传动的机型号有: H3-(05、06、07、08、09、10、11、12、13、14、15、16、17、18、19、20、21、22、23、24、25、26)等22种。公称传动比分别有22.4、25.0、28.0、31.5、35.5、40.0、45.0、50.0、56.0、63.0、71.0、80.0、90.0、100、112等15种。

其中四级传动的机型号有: H4-(07、08、09、10、11、12、13、14、15、16、17、18、19、20、21、22、23、24、25、26)等20种。公称传动比分别有100、112、125、140、160、180、200、224、250、280、315、355、400、450等14种。

### Notation for H series industrial gearbox models, specifications and machine types:

Models and specifications of this reducer series include: WH (01、02、03、04、05、06、07、08、09、10、11、12、13、14、15、16、17、18、19、20、21、22、23、24、25、26), reduction ratio range: 1.25~450, allocable: 9~660

Machine models of one-stage gearing include: H1-(01、03、05、07、09、11、13、15、17、19). Nominal transmission ratio  $i$  includes 1.25、1.40、1.60、1.80、2.00、2.24、2.50、2.80、3.15、3.55、4.00、4.50、5.00、5.60 etc.

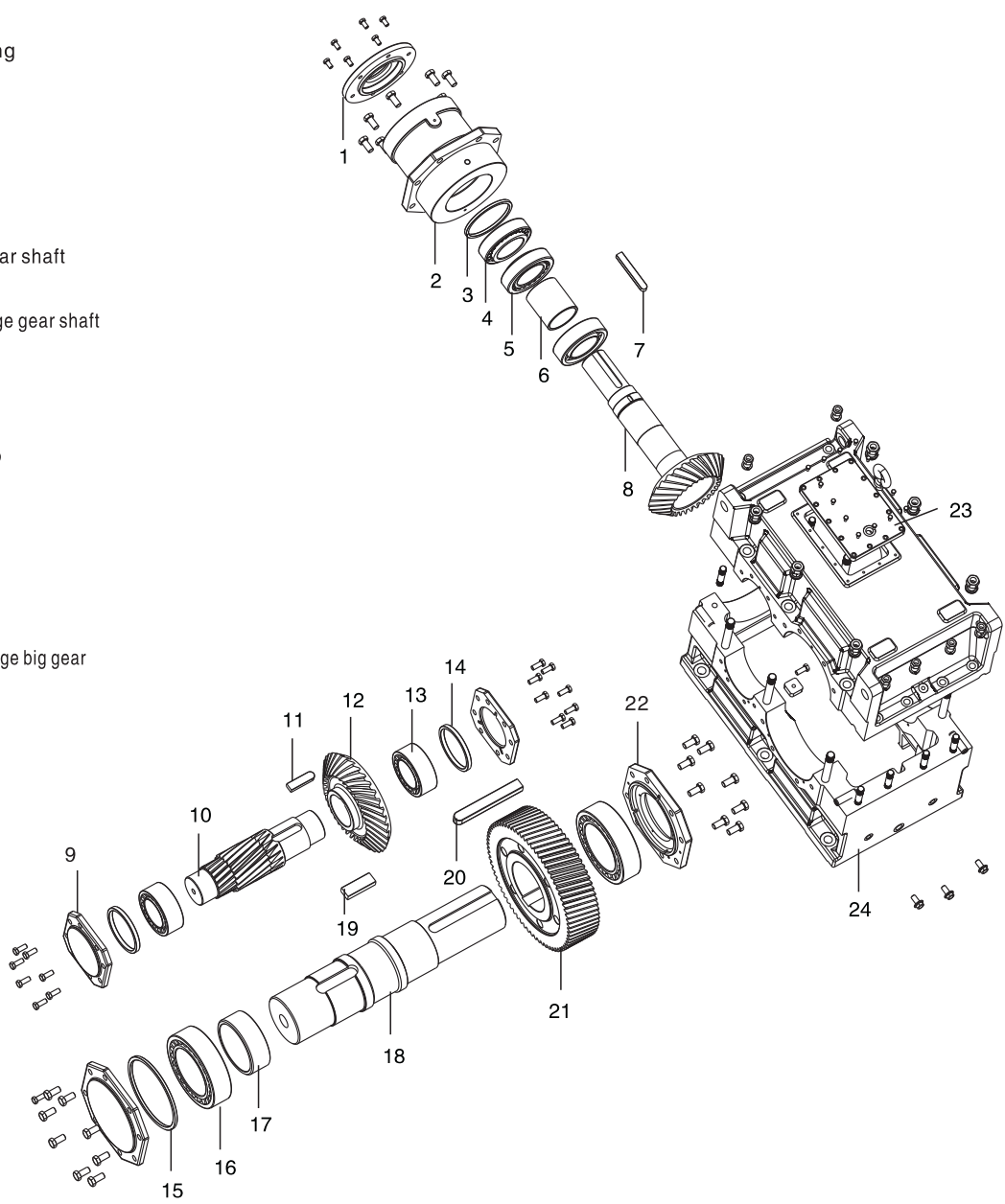
Machine models of two-stage gearing include: H2-(03、04、05、06、07、08、09、10、11、12、13、14、15、16、17、18、19、20、21、22、23、24、25、26). Nominal transmission ratio  $i$  includes 6.30、7.10、8.00、9.00、10.0、11.2、12.5、14.0、16.0、18.0、20.0、22.4、25.0、28.0 etc.

Machine models of three-stage gearing include: H3-(05、06、07、08、09、10、11、12、13、14、15、16、17、18、19、20、21、22、23、24、25、26). Nominal transmission ratio  $i$  includes 22.4、25.0、28.0、31.5、35.5、40.0、45.0、50.0、56.0、63.0、71.0、80.0、90.0、100、112 etc.

Machine models of four-stage gearing include: H4-(07、08、09、10、11、12、13、14、15、16、17、18、19、20、21、22、23、24、25、26). Nominal transmission ratio  $i$  includes 100、112、125、140、160、180、200、224、250、280、315、355、400、450 etc.

B系列结构图:/ B series structrue drawing:

- 1 通盖 End cover
- 2 轴承座 Bearing Housing
- 3 调整垫 Adjusting strip
- 4 轴承 Bearing
- 5 轴承 Bearing
- 6 轴套 Shaft sleeve
- 7 平键 Key
- 8 一级齿轴 First-stage gear shaft
- 9 侧盖板 Cover on side
- 10 二级齿轴 Second-stage gear shaft
- 11 平键 Key
- 12 齿轮 gear
- 13 轴承 Bearing
- 14 调整垫 Adjusting strip
- 15 油封 Circlip for hole
- 16 轴承 Bearing
- 17 轴套 Shaft sleeve
- 18 输出轴 Output shaft
- 19 平键 Key
- 20 平键 Key
- 21 二级大齿轮 Second-stage big gear
- 22 侧盖板 Cover on side
- 23 盖板 Cover
- 24 箱体 Housing



B系列工业齿轮箱机型号规格及机型表示方法:

本系列减速器的型号规格有: B(01、02、03、04、05、06、07、08、09、10、11、12、13、14、15、16、17、18、19、20、21、22、23、24、25、26)等26种, 减速比有5.0~400等多种速比, 可分配18~822kW。

其中二级传动的机型号有: B2-(01、02、03、04、05、06、07、08、09、10、11、12、13、14、15、16、17、18)等18种。公称传动比i分别有5.0、5.6、6.3、7.1、8.0、9.0、10、11.2、12.5、14、16、18等12种

其中三级传动的机型号有: B3-(03、04、05、06、07、08、09、10、11、12、13、14、15、16、17、18、19、20、21、22、23、24、25、26)等24种。公称传动比i分别有12.5、14、16、18、20、22.4、25、28、31.5、35.5、40、45、50、56、63、71、80、90等18种。

其中四级传动的机型号有: B4-(05、06、07、08、09、10、11、12、13、14、15、16、17、18、19、20、21、22、23、24、25、26)等18种。公称传动比i分别有80、90、100、112、125、140、160、180、200、224、250、280、315、355、400等15种。

Notation for B series industrial gearbox models, specifications and machine types:  
Models and specifications of this reducer series include: B (01、02、03、04、05、06、07、08、09、10、11、12、13、14、15、16、17、18、19、20、21、22、23、24、25、26), reduction ratio range: 5.0~400, allocable: 18~822kW.

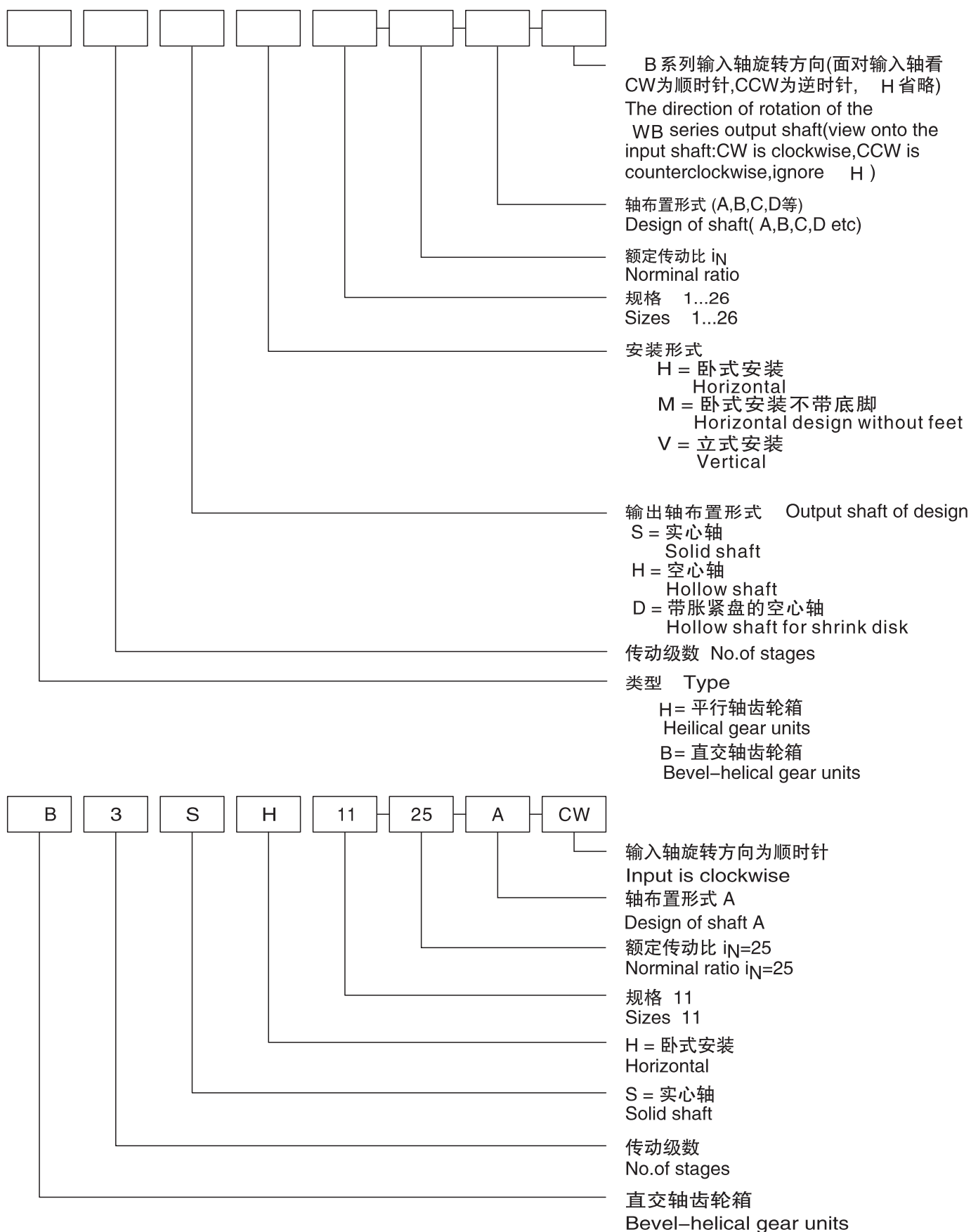
Machine models of two-stage gearing include: B2-(01、02、03、04、05、06、07、08、09、10、11、12、13、14、15、16、17、18). Nominal transmission ratioe i includes 5.0、5.6、6.3、7.1、8.0、9.0、10、11.2、12.5、14、16、18 etc.

Machine models of three-stage gearing include B3-(03、04、05、06、07、08、09、10、11、12、13、14、15、16、17、18、19、20、21、22、23、24、25、26). Nominal transmission ratioe i includes 12.5、14、16、18、20、22.4、25、28、31.5、35.5、40、45、50、56、63、71、80、90.

Machine models of four-stage gearing include B4-(05、06、07、08、09、10、11、12、13、14、15、16、17、18、19、20、21、22、23、24、25、26). Nominal transmission ratioe i includes 80、90、100、112、125、140、160、180、200、224、250、280、315、355、400 etc.

## 减速机 Reductors

### 型号表示方法 Designation of Types



减速机 Reductors

选型指南 Guidelines for the Selection

| <div>1. 确定减速机的类型及规格</div> <div>1. Determination of reducers type and size</div>                                                                                           | <div>1.1 计算传动比 Find the transmission ratio</div> <div><div><math display="block">i_s = \frac{n_1}{n_2}</math></div></div> <div>1.2 确定减速机的额定功率 Determine nominal power rating of the reducers</div> <div><div><math display="block">P_N \geq P_2 \times f_1 \times f_2</math></div></div> <div>如果不满足下列条件，请向我们咨询 It is not necessary to consult us, if:</div> <div><div><math display="block">3.33 \times P_2 \geq P_N</math></div></div> <div>1.3 校核最大扭矩，如峰值工作扭矩、起动扭矩或制动扭矩，看其是否满足要求</div> <div>1.3 Check for maximum torque, e. g. peak operating-, starting- or braking torque</div> <div><div><math display="block">P_N \geq \frac{T_A \times n_1}{9550} \times f_3</math></div></div> <div>减速机的规格和传动级数列在额定功率选型表中，可根据<i>i<sub>N</sub></i>和<i>P<sub>N</sub></i>确定。</div> <div>reducers sizes and number of reduction stages are given in rating tables depending on <i>i<sub>N</sub></i> and <i>P<sub>N</sub></i></div> <div>1.4 检查输出轴上是否允许有附加载荷；见217–218页。</div> <div>1.4 Check whether additional forces on the output shaft are permissible; see pages 217–218</div> <div>1.5 根据285–288页上的表检查实际传动比是否满足要求。</div> <div>1.5 Check whether the actual ratio <i>i</i> as per tables on pages 285–288 is acceptable</div> |                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                           | <div>安装方式 Mounting position</div> <table><tr><th>卧式安装 Horizontal</th><th>立式安装 Vertical</th></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 卧式安装 Horizontal                                                                                                                                                           | 立式安装 Vertical                                                                                                                                                                                                                                                                                                                   |
| 卧式安装 Horizontal                                                                                                                                                           | 立式安装 Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                 |
| <div>2. 确定供油方式</div> <div>2. Determination of oil supply</div>                                                                                                            | <table><tr><td><div>所有需要润滑的零部件均浸在润滑油中，或采用飞溅润滑方式，也可按用户要求提供强制润滑方式。</div><div>All parts to be lubricated are lying in the oil or are splash lubricated Forced lubrication on request</div></td><td><div>可选润滑油供给方式：</div><div>—浸油润滑</div><div>—通过法兰联接泵或电动泵进行强制润滑。</div><div>有关合适的供油方式和选择标准，参见295–303页。</div><div>Possible oil supply variations:</div><div>– Dip lubrication</div><div>– Forced lubrication by means of flanged-on pump or motor pump. For preferred variants and criteria for selection, page 295–303.</div></td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <div>所有需要润滑的零部件均浸在润滑油中，或采用飞溅润滑方式，也可按用户要求提供强制润滑方式。</div> <div>All parts to be lubricated are lying in the oil or are splash lubricated Forced lubrication on request</div> | <div>可选润滑油供给方式：</div> <div>—浸油润滑</div> <div>—通过法兰联接泵或电动泵进行强制润滑。</div> <div>有关合适的供油方式和选择标准，参见295–303页。</div> <div>Possible oil supply variations:</div> <div>– Dip lubrication</div> <div>– Forced lubrication by means of flanged-on pump or motor pump. For preferred variants and criteria for selection, page 295–303.</div> |
| <div>所有需要润滑的零部件均浸在润滑油中，或采用飞溅润滑方式，也可按用户要求提供强制润滑方式。</div> <div>All parts to be lubricated are lying in the oil or are splash lubricated Forced lubrication on request</div> | <div>可选润滑油供给方式：</div> <div>—浸油润滑</div> <div>—通过法兰联接泵或电动泵进行强制润滑。</div> <div>有关合适的供油方式和选择标准，参见295–303页。</div> <div>Possible oil supply variations:</div> <div>– Dip lubrication</div> <div>– Forced lubrication by means of flanged-on pump or motor pump. For preferred variants and criteria for selection, page 295–303.</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                 |
| <div>3. 确定所需要的热容量<i>P<sub>G</sub></i></div> <div>3. Determination of required thermal capacity <i>P<sub>G</sub></i></div>                                                 | <div>3.1 如满足以下条件，则减速机可不带辅助冷却装置：</div> <div>3.1 Adequate for reducers without auxiliary cooling, if:</div> <div><div><math display="block">P_2 \leq P_G = P_{G1} \times f_4 \times f_6 \times f_8 \times f_9</math></div></div> <div>3.2 如满足以下条件，则减速机带冷却风扇可满足要求：</div> <div>3.2 Adequate for reducers with fan cooling, if:</div> <div><div><math display="block">P_2 \leq P_G = P_{G2} \times f_4 \times f_6 \times f_8 \times f_{10}</math></div></div> <div>3.3 如满足以下条件，则减速机带冷却盘管可满足要求：</div> <div>3.3 Adequate for reducers with fitted cooling coil, if:</div> <div><div><math display="block">P_2 \leq P_G = P_{G3} \times f_5 \times f_7 \times f_8 \times f_{11}</math></div></div> <div>3.4 如满足以下条件，则减速机带冷却盘管和风扇可满足要求：</div> <div>3.4 Adequate for reducers with cooling coil and fan, if:</div> <div><div><math display="block">P_2 \leq P_G = P_{G4} \times f_5 \times f_7 \times f_8 \times f_{12}</math></div></div> <div>3.5 如需要较高的热容量，则可按用户要求提供外部润滑油冷却装置进行冷却。</div> <div>3.5 For higher thermal capacities, cooling by external oil cooler on request</div>                                                                                                                                              |                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                 |



## 减速机 Reductors

### 符号说明 Key to Symbols

符号说明:

Key to symbols:

- $E_D$  = 每小时工作周期,以百分比表示,如  $E_D=80\% / h$   
Operating cycle per hour in %, e.g.  $E_D=80\% / h$
- $f_1$  = 工作机系数 (表1), 201–202页  
Factor for driven machine (table 1), pages 201–202
- $f_2$  = 原动机系数 (表2), 201页  
Factor for prime mover (table 2), page 201
- $f_3$  = 峰值扭矩系数 (表3), 201页  
Peak torque factor (table 3), page 201
- $f_4, f_5$  = 环境温度系数 (表4+表5), 201页  
Thermal factors (tables 4 + 5), page 201
- $f_6, f_7$  = 海拔高度系数 (表6+表7), 202页  
Factors for altitude (tables 6 + 7), page 202
- $f_8$  = 立式安装减速机供油系数 (表8), 203页  
对于卧式安装减速机:  $f_8=1$   
Oil supply factor for vertical (Table 8), page 203  
For horizontal reducers:  $f_8=1$
- $f_9, f_{10}$   
 $f_{11}, f_{12}$  = 热容量系数 (表9...14), 203–204页  
Thermal capacity factors (tables 9...14), pages 203–204
- $a_1$  = 规格系数  
Size factor
- $a_2$  = 传动比系数  
Transmission ratio factor
- $i$  = 实际传动比  
Actual ratio
- $i_N$  = 公称传动比  
Nominal ratio
- $i_s$  = 要求传动比  
Required ratio
- $n_1$  = 输入转速 (1/min)  
Input speed (1/min)
- $n_2$  = 输出转速 (1/min)  
Output speed (1/min)
- $P_G$  = 要求的热容量  
Required thermal capacity
- $P_{G1}$  = 减速机的热容量, 不带辅助冷却装置, 206–214页  
Thermal capacity for reducers without auxiliary cooling, pages 206–214
- $P_{G2}$  = 减速机的热容量, 带冷却风扇, 206–214页  
Thermal capacity for reducers with fan cooling, pages 206–214
- $P_{G3}$  = 减速机的热容量, 带内置冷却盘管, 206–214页  
Thermal capacity for reducers with built-in cooling coil, pages 206–214
- $P_{G4}$  = 减速机的热容量, 带内置冷却盘管和风扇, 206–214页  
Thermal capacity for reducers with built-in cooling coil and fan, pages 206–214
- $P_N$  = 减速机的额定功率(kW),见选型表, 205–213页  
Nominal power rating of reducers (kW), see tables, pages 205–213
- $P_2$  = 工作机的额定功率 (kW)  
Power rating of driven machine (kW)
- $t$  = 环境温度 (°C)  
Ambient temperature (°C)
- $T_A$  = 输入轴最大扭矩, 如峰值工作扭矩、起动扭矩或制动扭矩 (N.m)  
Max. torque occurring on input shaft, e.g. peak operating-, starting- or braking torque (N.m)
- $T_{2N}$  = 额定输出扭矩(kN.m), 215–216页  
Nominal output torque (kN.m), pages 215–216



减速机 Reductors

选型指南 Guidelines for the Selection

计算示例 Calculation Example

|                                 |                                               |
|---------------------------------|-----------------------------------------------|
| 已知参数：                           | KNOWN CRITERIA:                               |
| 原动机                             | PRIME MOVER                                   |
| 电机功率： P <sub>1</sub> =75 kW     | Electric motor:P <sub>1</sub> =75 kW          |
| 电机转速： n <sub>1</sub> =1500 rpm  | Motor speed:n <sub>1</sub> =1500 rpm          |
| 最大起动扭矩： T <sub>A</sub> =720 N.m | Max. starting torque:T <sub>A</sub> =720 N.m  |
| 工作机                             | DRIVEN MACHINE                                |
| 皮带输送机功率： P <sub>2</sub> =66 kW  | Belt conveyor:P <sub>2</sub> =66 kW           |
| 转速： n <sub>2</sub> =26 rpm      | Speed:n <sub>2</sub> =26 rpm                  |
| 工作制： 12 小时 / 天                  | Duty:12 h/day                                 |
| 每小时起动次数： 7                      | Starts per hour:7                             |
| 每小时工作周期： E <sub>D</sub> =100%   | Operating cycle per hour:E <sub>D</sub> =100% |
| 环境温度： 30 ℃                      | Ambient temperature:30 ℃                      |
| 室外安装（风速）： (w ≥ 4m/s)            | Outdoor installation:(w ≥ 4m/s)               |
| 海拔高度：海平面                        | Altitude:sea level                            |
| 减速机设计                           | REDUCTORTS DESIGN                             |
| 直交轴减速机                          | Bevel-helical reducers                        |
| 安装方式：卧式安装                       | Mounting position: horizontal                 |
| 输出轴 d2: 位于齿轮箱右侧（面对输入轴），即布置型式 C  | Output shaft d2:on right hand side design C   |
| 输出轴 d2 转动方向：ccw                 | Direction of rotation of output shaft d2:ccw  |

要求：减速机的类型及规格 Required:Type and size of reducers

1. 选择齿轮箱的类型及规格： Selection of gear unit type and size
- 1.1 传动比计算： Calculation of transmission ratio

$$i_s = \frac{n_1}{n_2} = \frac{1500}{26} = 57.7 \quad i_N = 56$$

- 1.2 确定额定功率 Determination of the gear unit nominal power rating

$$P_N \geq P_2 \times f_1 \times f_2 = 66 \times 1.3 \times 1 = 85.8 \text{ kW}$$

从额定功率表中选择：类型 WB3 ，规格 9 ，对应的 P<sub>N</sub>= 96 kW

Selected from power rating table : type WB3 ,gear unit size 9, with P<sub>N</sub> = 96 kW

$$3.33 \times P_2 \geq P_N \qquad 3.33 \times 66 = 219.8 \text{ kW} > P_N$$

- 1.3 检查起动扭矩 Checking the starting torque

$$P_N \geq \frac{T_A \times n_1}{9550} \times f_3 = \frac{720 \times 1500}{9550} \times 0.65 = 73.5 \text{ kW} \qquad P_N = 96 \text{ kW} > 73.5 \text{ kW}$$

2. 确定热容量 Determination of thermal capacity
- 2.1 根据表中给出的 WB3 型齿轮箱参数，计算不带辅助冷却装置的齿轮箱热容量
- 2.1 Thermal capacity for gear units without auxiliary cooling, acc. to table for type WB3

$$P_G = P_{G1} \times f_4 \times f_6 \times f_8 \times f_9 \quad P_G = 70.7 \text{ kW} \times 0.88 \times 1 \times 1 \times (1.23 - 2.80 \times 0.085 \times 0.15) \quad P_G = 74.3 \text{ kW}$$
$$P_2 = 66 \text{ kW} < P_G = 74.3 \text{ kW}$$

结论：减速机不带辅助冷却装置，可满足要求！

Conclusion: A reducers without auxiliary cooling is sufficient!





减速机 Reductors

使用系数 Service Factor

| 表1<br>Table 1                            |                                                                               | 工作机系数<br>Factor for driven machine |         |                                   | f <sub>1</sub>                                                                |      |             |
|------------------------------------------|-------------------------------------------------------------------------------|------------------------------------|---------|-----------------------------------|-------------------------------------------------------------------------------|------|-------------|
| 工作机<br>Driven machines                   | 日带载运行时间<br>以小时计<br>Effective daily<br>operating period<br>under load in hours |                                    |         | 工作机<br>Driven machines            | 日带载运行时间<br>以小时计<br>Effective daily<br>operating period<br>under load in hours |      |             |
|                                          |                                                                               | ≤0.5                               | >0.5-10 |                                   |                                                                               | ≤0.5 | >0.5-10 >10 |
| 化学工业<br>Chemical industry                |                                                                               |                                    |         | 离心式压缩机<br>Centrifugal compressors | —                                                                             | 1.4  | 1.5         |
| 搅拌机,用于<br>Agitators for media with       |                                                                               |                                    |         | 索道缆车<br>Cableways                 |                                                                               |      |             |
| 密度均匀介质<br>Uniform density                | 1.0                                                                           | 1.3                                | 1.5     | 货运索道<br>Material ropeways         | —                                                                             | 1.3  | 1.4         |
| 不均匀介质<br>Non-uniform density             | 1.2                                                                           | 1.4                                | 1.6     | 往返系统空中索道<br>To-and fro system     | —                                                                             | 1.6  | 1.8         |
| 不均匀气体吸收<br>Non-uniform gas<br>absorption | 1.4                                                                           | 1.6                                | 1.8     | T型杆升降机<br>T-bar lifts             | —                                                                             | 1.3  | 1.4         |
| 烘炉<br>Toasters                           | 1.0                                                                           | 1.3                                | 1.5     | 连续索道<br>Continuous ropeways       | —                                                                             | 1.4  | 1.6         |
| 离心机<br>Centrifuges                       | 1.0                                                                           | 1.2                                | 1.3     | 水泥工业<br>Cement industry           |                                                                               |      |             |
| 金属加工设备<br>Metal working mills            |                                                                               |                                    |         | 混凝土搅拌器<br>Concrete mixers         | —                                                                             | 1.5  | 1.5         |
| 翻板机<br>Plate tilters                     | 1.0                                                                           | 1.0                                | 1.2     | 破碎机*<br>Breakers *                | —                                                                             | 1.2  | 1.4         |
| 推钢机<br>Ingot pushers                     | 1.0                                                                           | 1.2                                | 1.2     | 回转窑<br>Rotary kilns               | —                                                                             | —    | 2.0         |
| 绕线机<br>Winding machines                  | —                                                                             | 1.6                                | 1.6     | 管式磨机<br>Tube mills                | —                                                                             | —    | 2.0         |
| 冷床横移架<br>Cooling bed transfer frames     | —                                                                             | 1.5                                | 1.5     | 选粉机<br>Separators                 | —                                                                             | 1.6  | 1.6         |
| 辊式矫直机<br>Roller straighteners            | —                                                                             | 1.6                                | 1.6     | 辊压机<br>Roll crushers              | —                                                                             | —    | 2.0         |
| 辊道<br>Roller tables                      |                                                                               |                                    |         |                                   |                                                                               |      |             |
| 连续式<br>Continuous                        | —                                                                             | 1.5                                | 1.5     |                                   |                                                                               |      |             |
| 间歇式<br>Intermittent                      | —                                                                             | 2.0                                | 2.0     |                                   |                                                                               |      |             |
| 可逆式轧管机<br>Reversing tube mills           | —                                                                             | 1.8                                | 1.8     |                                   |                                                                               |      |             |
| 剪切机<br>Shears                            |                                                                               |                                    |         |                                   |                                                                               |      |             |
| 连续式*<br>Continuous *                     | —                                                                             | 1.5                                | 1.5     |                                   |                                                                               |      |             |
| 曲柄式*<br>Crank type *                     | 1.0                                                                           | 1.0                                | 1.0     |                                   |                                                                               |      |             |
| 连铸机驱动装置<br>Continuous casting drivers*   | —                                                                             | 1.4                                | 1.4     |                                   |                                                                               |      |             |
| 轧机<br>Rolls                              |                                                                               |                                    |         |                                   |                                                                               |      |             |
| 可逆式开坯机<br>Reversing blooming mills       | —                                                                             | 2.5                                | 2.5     |                                   |                                                                               |      |             |
| 可逆式板坯轧机<br>Reversing slabbing mills      | —                                                                             | 2.5                                | 2.5     |                                   |                                                                               |      |             |
| 可逆式线材轧机<br>Reversing wire mills          | —                                                                             | 1.8                                | 1.8     |                                   |                                                                               |      |             |
| 可逆式薄板轧机<br>Reversing sheet mills         | —                                                                             | 2.0                                | 2.0     |                                   |                                                                               |      |             |
| 可逆式中厚板轧机<br>Reversing plate mills        | —                                                                             | 1.8                                | 1.8     |                                   |                                                                               |      |             |
| 辊缝调节驱动装置<br>Roll adjustment drives       | 0.9                                                                           | 1.0                                | —       |                                   |                                                                               |      |             |

| 表6<br>Table6                                                      |                                             | 海拔高度系数<br>Factor for altitude |             |             |             |  | f <sub>6</sub> |
|-------------------------------------------------------------------|---------------------------------------------|-------------------------------|-------------|-------------|-------------|--|----------------|
| 不带辅助冷却装置或只带冷却风扇<br>Without auxiliariy cooling or with fan cooling |                                             |                               |             |             |             |  |                |
| 系数<br>Factor                                                      | 海拔高度(m,高于海平面)<br>Altitude(metres above MSL) |                               |             |             |             |  |                |
|                                                                   | 高达<br>Up to                                 | 高达<br>Up to                   | 高达<br>Up to | 高达<br>Up to | 高达<br>Up to |  |                |
|                                                                   | 1000                                        | 2000                          | 3000        | 4000        | 5000        |  |                |
| f <sub>6</sub>                                                    | 1.0                                         | 0.95                          | 0.90        | 0.85        | 0.80        |  |                |

| 表7<br>Table7                                                                 |                                             | 海拔高度系数<br>Factor for altitude |             |             |             |  | f <sub>7</sub> |
|------------------------------------------------------------------------------|---------------------------------------------|-------------------------------|-------------|-------------|-------------|--|----------------|
| 带冷却盘管或带冷却盘管和风扇<br>For cooling with cooling coil,or with fan and cooling coil |                                             |                               |             |             |             |  |                |
| 系数<br>Factor                                                                 | 海拔高度(m,高于海平面)<br>Altitude(metres above MSL) |                               |             |             |             |  |                |
|                                                                              | 高达<br>Up to                                 | 高达<br>Up to                   | 高达<br>Up to | 高达<br>Up to | 高达<br>Up to |  |                |
|                                                                              | 1000                                        | 2000                          | 3000        | 4000        | 5000        |  |                |
| f <sub>7</sub>                                                               | 1.0                                         | 0.98                          | 0.96        | 0.94        | 0.92        |  |                |

工作机额定功率的P<sub>2</sub>确定

\*)按最大扭矩确定额定功率。      \*\*)检验热容量是绝对必要的。

所列各项系数均为经验值。使用这些系数的前提条件是,所述机械设备应符合通常的设计规范和载荷条件。

如遇特殊情况,请及时与我们联系。

对于那些未列入此表的工作机械,请与我们联系。

Design for power rating of driven machine P<sub>2</sub>

\*) Designed power corresponding to max torque      \*\*) A check for thermal capacity is absolutely essential

The listed factors are empirical values.Prerequisite for their application is that the machinery and equipment mentioned correspond to generally accepted design and load specifications.In case of deviations from standard conditions,please refer to us.

For driven mahcines which are not listed in this table, please please refer to us.

## 减速机 Reductors

## 使用系数

## Service Factors

| 表 8 立式安装减速机供油系数。对于卧式安装减速机 $f_8=1.0$ ；当采用强制润滑时， $f_8=1.05$<br>Table 8 Oil supply factor for vertical reducers. For horizontal reducers $f_8=1.0$ , and in case of forced lubrication $f_8=1.05$ $f_8$ |                            |                                              |                       |                                   |                                              |                                              |                       |                                   |                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|----------------------------------------------|-----------------------|-----------------------------------|----------------------------------------------|----------------------------------------------|-----------------------|-----------------------------------|----------------------------------------------|
| 减速机类型<br>reducers<br>type                                                                                                                                                                            | 供油方式<br>Oil supply         | 规格 1...12 Sizes 1...12                       |                       |                                   |                                              | 规格 13...18 Sizes 13...18                     |                       |                                   |                                              |
|                                                                                                                                                                                                      |                            | 不带辅助<br>冷却装置<br>Without auxiliary<br>cooling | 带冷却<br>风扇<br>With Fan | 带冷却<br>盘管<br>With<br>Cooling coil | 带风扇和<br>冷却盘管<br>With fan and<br>cooling coil | 不带辅助<br>冷却装置<br>Without Auxiliary<br>cooling | 带冷却<br>风扇<br>With Fan | 带冷却<br>盘管<br>With<br>Cooling coil | 带风扇和<br>冷却盘管<br>With fan and<br>cooling coil |
| H2.V<br>H3.V<br>H4.V                                                                                                                                                                                 | 浸油润滑<br>Dip lubrication    | 0.95                                         | *                     | 0.95                              | *                                            | *                                            | *                     | *                                 | *                                            |
|                                                                                                                                                                                                      | 强制润滑<br>Forced lubrication | 1.15                                         | *                     | 1.05                              | *                                            | 1.15                                         | *                     | 1.05                              | *                                            |
| B2.V<br>B3.V<br>B4.V                                                                                                                                                                                 | 浸油润滑<br>Dip lubrication    | 0.95                                         | 0.95                  | 0.95                              | 0.95                                         | *                                            | *                     | *                                 | *                                            |
|                                                                                                                                                                                                      | 强制润滑<br>Forced lubrication | 1.15                                         | 1.10                  | 1.10                              | 1.10                                         | 1.15                                         | 1.10                  | 1.10                              | 1.10                                         |

| 表 9 不带辅助冷却装置减速机的热容量系数<br>Table 9 Thermal capacity factor for reducers without auxiliary cooling $f_9$ |            |                                                                                                    |                                                                                                      |                                                                                      |  |    |      |                                   |                                   |
|-------------------------------------------------------------------------------------------------------|------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--|----|------|-----------------------------------|-----------------------------------|
| 减速机<br>类型<br>reducers<br>type                                                                         | n<br>r/min | 安装位置 Place of installation                                                                         |                                                                                                      |                                                                                      |  |    |      |                                   |                                   |
|                                                                                                       |            | 狭小空间安装规格<br>风速 $\geq 0.5\text{m/s}$<br>Small confined spaces<br>Wind velocity $\geq 0.5\text{m/s}$ | 室内大厅,大车间安装<br>风速 $\geq 1.4\text{m/s}$<br>Large halls workshops<br>Wind velocity $\geq 1.4\text{m/s}$ | 室外安装<br>风速 $\geq 4.0\text{m/s}$<br>In the open<br>Wind velocity $\geq 4.0\text{m/s}$ |  | H4 | 750  | 0.78                              | 0.83                              |
|                                                                                                       |            |                                                                                                    |                                                                                                      |                                                                                      |  |    | 1000 | 0.85                              | 0.91-1.60 $\times a_1 \times a_2$ |
|                                                                                                       |            |                                                                                                    |                                                                                                      |                                                                                      |  |    | 1500 | 0.97-10.0 $\times a_1 \times a_2$ | 1.03-12.5 $\times a_1 \times a_2$ |
|                                                                                                       |            |                                                                                                    |                                                                                                      |                                                                                      |  |    | 1800 | 1.02-18.4 $\times a_1 \times a_2$ | 1.09-21.2 $\times a_1 \times a_2$ |
|                                                                                                       |            |                                                                                                    |                                                                                                      |                                                                                      |  |    | 1800 | 1.34-23 $\times a_1 \times a_2$   | 1.34-23 $\times a_1 \times a_2$   |
| H1                                                                                                    | 750        | 0.68-0.26 $\times a_1 \times a_2$                                                                  | 0.79-0.27 $\times a_1 \times a_2$                                                                    | 1.00                                                                                 |  | B2 | 750  | 0.66-0.09 $\times a_1 \times a_2$ | 0.77-0.14 $\times a_1 \times a_2$ |
|                                                                                                       | 1000       | 0.70-0.79 $\times a_1 \times a_2$                                                                  | 0.84-0.85 $\times a_1 \times a_2$                                                                    | 1.14-0.81 $\times a_1 \times a_2$                                                    |  |    | 1000 | 0.69-0.70 $\times a_1 \times a_2$ | 0.81-0.77 $\times a_1 \times a_2$ |
|                                                                                                       | 1500       | 0.72-2.50 $\times a_1 \times a_2$                                                                  | 0.89-2.60 $\times a_1 \times a_2$                                                                    | 1.25-2.60 $\times a_1 \times a_2$                                                    |  |    | 1500 | 0.74-3.20 $\times a_1 \times a_2$ | 0.88-3.30 $\times a_1 \times a_2$ |
|                                                                                                       | 1800       | 0.71-3.60 $\times a_1 \times a_2$                                                                  | 0.92-4.40 $\times a_1 \times a_2$                                                                    | 1.30-4.20 $\times a_1 \times a_2$                                                    |  |    | 1800 | 0.75-5.60 $\times a_1 \times a_2$ | 0.90-5.50 $\times a_1 \times a_2$ |
| H2                                                                                                    | 750        | 0.76-0.08 $\times a_1 \times a_2$                                                                  | 0.79-0.21 $\times a_1 \times a_2$                                                                    | 1.00                                                                                 |  | B3 | 750  | 0.73                              | 0.80-0.05 $\times a_1 \times a_2$ |
|                                                                                                       | 1000       | 0.76-1.00 $\times a_1 \times a_2$                                                                  | 0.87-1.40 $\times a_1 \times a_2$                                                                    | 1.12-1.30 $\times a_1 \times a_2$                                                    |  |    | 1000 | 0.79-0.63 $\times a_1 \times a_2$ | 0.87-0.81 $\times a_1 \times a_2$ |
|                                                                                                       | 1500       | 0.83-4.10 $\times a_1 \times a_2$                                                                  | 0.96-4.60 $\times a_1 \times a_2$                                                                    | 1.25-4.20 $\times a_1 \times a_2$                                                    |  |    | 1500 | 0.86-2.40 $\times a_1 \times a_2$ | 0.95-2.60 $\times a_1 \times a_2$ |
|                                                                                                       | 1800       | 0.85-6.80 $\times a_1 \times a_2$                                                                  | 0.98-7.10 $\times a_1 \times a_2$                                                                    | 1.31-6.80 $\times a_1 \times a_2$                                                    |  |    | 1800 | 0.88-4.00 $\times a_1 \times a_2$ | 0.99-4.30 $\times a_1 \times a_2$ |
| H3                                                                                                    | 750        | 0.76                                                                                               | 0.81-0.06 $\times a_1 \times a_2$                                                                    | 1.0                                                                                  |  | B4 | 750  | 0.77                              | 0.82                              |
|                                                                                                       | 1000       | 0.83-1.20 $\times a_1 \times a_2$                                                                  | 0.90-1.36 $\times a_1 \times a_2$                                                                    | 1.11-1.30 $\times a_1 \times a_2$                                                    |  |    | 1000 | 0.83                              | 1.09-0.29 $\times a_1 \times a_2$ |
|                                                                                                       | 1500       | 0.93-4.70 $\times a_1 \times a_2$                                                                  | 1.00-4.80 $\times a_1 \times a_2$                                                                    | 1.27-5.10 $\times a_1 \times a_2$                                                    |  |    | 1500 | 0.92-1.70 $\times a_1 \times a_2$ | 0.99-2.20 $\times a_1 \times a_2$ |
|                                                                                                       | 1800       | 0.96-7.50 $\times a_1 \times a_2$                                                                  | 1.05-7.60 $\times a_1 \times a_2$                                                                    | 1.32-7.40 $\times a_1 \times a_2$                                                    |  |    | 1800 | 0.96-3.90 $\times a_1 \times a_2$ | 1.04-4.40 $\times a_1 \times a_2$ |

| 表 10 带冷却风扇减速机的装置热容量系数<br>Table 10 Thermal capacity factor for reducers with fan $f_{10}$ |            |                                                                                                    |                                                                                                      |                                                                                      |  |    |      |                                   |                                   |
|------------------------------------------------------------------------------------------|------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--|----|------|-----------------------------------|-----------------------------------|
| 减速机<br>类型<br>reducers<br>type                                                            | n<br>r/min | 安装位置 Place of installation                                                                         |                                                                                                      |                                                                                      |  |    |      |                                   |                                   |
|                                                                                          |            | 狭小空间安装规格<br>风速 $\geq 0.5\text{m/s}$<br>Small confined spaces<br>Wind velocity $\geq 0.5\text{m/s}$ | 室内大厅,大车间安装<br>风速 $\geq 1.4\text{m/s}$<br>Large halls workshops<br>Wind velocity $\geq 1.4\text{m/s}$ | 室外安装<br>风速 $\geq 4.0\text{m/s}$<br>In the open<br>Wind velocity $\geq 4.0\text{m/s}$ |  | H4 | 750  | 0.89-0.29 $\times a_1 \times a_2$ | 0.91-0.25 $\times a_1 \times a_2$ |
|                                                                                          |            |                                                                                                    |                                                                                                      |                                                                                      |  |    | 1000 | 1.06-1.30 $\times a_1 \times a_2$ | 1.08-1.20 $\times a_1 \times a_2$ |
|                                                                                          |            |                                                                                                    |                                                                                                      |                                                                                      |  |    | 1500 | 1.38-4.20 $\times a_1 \times a_2$ | 1.40-4.10 $\times a_1 \times a_2$ |
|                                                                                          |            |                                                                                                    |                                                                                                      |                                                                                      |  |    | 1800 | 1.54-6.40 $\times a_1 \times a_2$ | 1.56-6.40 $\times a_1 \times a_2$ |
| H1                                                                                       | 750        | 0.97-0.05 $\times a_1 \times a_2$                                                                  | 0.97-0.04 $\times a_1 \times a_2$                                                                    | 1.00                                                                                 |  | B2 | 750  | 0.95                              | 0.96                              |
|                                                                                          | 1000       | 1.18-0.33 $\times a_1 \times a_2$                                                                  | 1.20-0.33 $\times a_1 \times a_2$                                                                    | 1.23-0.32 $\times a_1 \times a_2$                                                    |  |    | 1000 | 1.13-0.15 $\times a_1 \times a_2$ | 1.14-0.16 $\times a_1 \times a_2$ |
|                                                                                          | 1500       | 1.53-1.00 $\times a_1 \times a_2$                                                                  | 1.53-0.95 $\times a_1 \times a_2$                                                                    | 1.56-0.94 $\times a_1 \times a_2$                                                    |  |    | 1500 | 1.47-0.92 $\times a_1 \times a_2$ | 1.48-0.92 $\times a_1 \times a_2$ |
|                                                                                          | 1800       | 1.69-1.50 $\times a_1 \times a_2$                                                                  | 1.70-1.50 $\times a_1 \times a_2$                                                                    | 1.73-1.50 $\times a_1 \times a_2$                                                    |  |    | 1800 | 1.65-1.70 $\times a_1 \times a_2$ | 1.66-1.70 $\times a_1 \times a_2$ |
| H2                                                                                       | 750        | 0.95-0.07 $\times a_1 \times a_2$                                                                  | 0.96-0.06 $\times a_1 \times a_2$                                                                    | 1.00                                                                                 |  | B3 | 750  | 0.94                              | 0.96                              |
|                                                                                          | 1000       | 1.16-0.65 $\times a_1 \times a_2$                                                                  | 1.17-0.63 $\times a_1 \times a_2$                                                                    | 1.21-0.55 $\times a_1 \times a_2$                                                    |  |    | 1000 | 1.13-0.17 $\times a_1 \times a_2$ | 1.14-0.18 $\times a_1 \times a_2$ |
|                                                                                          | 1500       | 1.54-2.40 $\times a_1 \times a_2$                                                                  | 1.55-2.40 $\times a_1 \times a_2$                                                                    | 1.58-2.20 $\times a_1 \times a_2$                                                    |  |    | 1500 | 1.48-1.40 $\times a_1 \times a_2$ | 1.49-1.40 $\times a_1 \times a_2$ |
|                                                                                          | 1800       | 1.74-3.80 $\times a_1 \times a_2$                                                                  | 1.75-3.80 $\times a_1 \times a_2$                                                                    | 1.78-3.60 $\times a_1 \times a_2$                                                    |  |    | 1800 | 1.66-2.50 $\times a_1 \times a_2$ | 1.67-2.50 $\times a_1 \times a_2$ |

| 表 11 带冷却盘管减速机的热容量系数<br>Table 11 Thermal capacity factor for reducers with cooling coil $f_{11}$ |            |                                                                                                    |                                                                                                      |                                                                                      |  |    |      |                                   |                                   |
|-------------------------------------------------------------------------------------------------|------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--|----|------|-----------------------------------|-----------------------------------|
| 减速机<br>类型<br>reducers<br>type                                                                   | n<br>r/min | 安装位置 Place of installation                                                                         |                                                                                                      |                                                                                      |  |    |      |                                   |                                   |
|                                                                                                 |            | 狭小空间安装规格<br>风速 $\geq 0.5\text{m/s}$<br>Small confined spaces<br>Wind velocity $\geq 0.5\text{m/s}$ | 室内大厅,大车间安装<br>风速 $\geq 1.4\text{m/s}$<br>Large halls workshops<br>Wind velocity $\geq 1.4\text{m/s}$ | 室外安装<br>风速 $\geq 4.0\text{m/s}$<br>In the open<br>Wind velocity $\geq 4.0\text{m/s}$ |  | H4 | 750  | 0.89                              | 0.91                              |
|                                                                                                 |            |                                                                                                    |                                                                                                      |                                                                                      |  |    | 1000 | 1.04                              | 1.07                              |
|                                                                                                 |            |                                                                                                    |                                                                                                      |                                                                                      |  |    | 1500 | 1.30-0.78 $\times a_1 \times a_2$ | 1.34-1.10 $\times a_1 \times a_2$ |
|                                                                                                 |            |                                                                                                    |                                                                                                      |                                                                                      |  |    | 1800 | 1.44-1.70 $\times a_1 \times a_2$ | 1.48-2.00 $\times a_1 \times a_2$ |
| H1                                                                                              | 750        | 0.87                                                                                               | 0.91                                                                                                 | 1.00                                                                                 |  | B2 | 750  | 0.86                              | 0.90                              |
|                                                                                                 | 1000       | 0.97-0.02 $\times a_1 \times a_2$                                                                  | 1.03-0.05 $\times a_1 \times a_2$                                                                    | 1.16-0.10 $\times a_1 \times a_2$                                                    |  |    | 1000 | 0.98                              | 1.02                              |
|                                                                                                 | 1500       | 1.15-0.19 $\times a_1 \times a_2$                                                                  | 1.22-0.23 $\times a_1 \times a_2$                                                                    | 1.39-0.33 $\times a_1 \times a_2$                                                    |  |    | 1500 | 1.14                              | 1.19-0.05 $\times a_1 \times a_2$ |
|                                                                                                 | 1800       | 1.25-0.42 $\times a_1 \times a_2$                                                                  | 1.32-0.47 $\times a_1 \times a_2$                                                                    | 1.50-0.57 $\times a_1 \times a_2$                                                    |  |    | 1800 | 1.21-0.13 $\times a_1 \times a_2$ | 1.29-0.29 $\times a_1 \times a_2$ |
| H2                                                                                              | 750        | 0.88                                                                                               | 0.91                                                                                                 | 1.00                                                                                 |  | B3 | 750  | 0.88                              | 0.91                              |
|                                                                                                 | 1000       | 1.01                                                                                               | 1.06-0.08 $\times a_1 \times a_2$                                                                    | 1.17-0.24 $\times a_1 \times a_2$                                                    |  |    | 1000 | 1.03                              | 1.06                              |
|                                                                                                 | 1500       | 1.27-0.79 $\times a_1 \times a_2$                                                                  | 1.33-0.88 $\times a_1 \times a_2$                                                                    | 1.47-1.10 $\times a_1 \times a_2$                                                    |  |    | 1500 | 1.28-0.35 $\times a_1 \times a_2$ | 1.32-0.48 $\times a_1 \times a_2$ |
|                                                                                                 | 1800       | 1.40-1.40 $\times a_1 \times a_2$                                                                  | 1.46-1.50 $\times a_1 \times a_2$                                                                    | 1.61-1.70 $\times a_1 \times a_2$                                                    |  |    | 1800 | 1.41-0.83 $\times a_1 \times a_2$ | 1.46-0.99 $\times a_1 \times a_2$ |

对于系数 $f_9, f_{10}$ 和 $f_{11}<0.5$ ,请与我们联系! For factors  $f_9, f_{10}$  and  $f_{11}<0.5$ , please refer to us!

\*) 根据客户要求 \*) On request

减速机 Reductors

使用系数 Service Factors

| 表12<br>Table 12                     |            | 带冷却风扇和冷却盘管的减速机的热容量系数<br>Thermal capacity factor for redutors with fan cooling coil |                                                                       |                                                       |    | f <sub>12</sub> |                     |                     |                     |
|-------------------------------------|------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------|-------------------------------------------------------|----|-----------------|---------------------|---------------------|---------------------|
| 减速机<br>类型<br>reduc-<br>tors<br>type | n<br>r/min | 安装地点 Place of installation                                                         |                                                                       |                                                       |    | 750             | 0.94                | 0.95                | 1.00                |
|                                     |            | 狭小空间安装<br>风速<br>Small confined<br>spaces<br>Wind velocity<br>≥0.5m/s               | 室内大厅,大车间安装<br>风速<br>Large halls,workshops<br>Wind velocity<br>≥1.4m/s | 室外安装<br>风速<br>In the open<br>Wind velocity<br>≥4.0m/s |    |                 |                     |                     |                     |
| H1                                  | 750        | 0.98                                                                               | 0.98                                                                  | 1.00                                                  | H3 | 750             | 0.94                | 0.95                | 1.00                |
|                                     | 1000       | 1.19-0.09 × a1 × a2                                                                | 1.20-0.09 × a1 × a2                                                   | 1.22-0.09 × a1 × a2                                   |    | 1000            | 1.14-0.46 × a1 × a2 | 1.15-0.47 × a1 × a2 | 1.20-0.48 × a1 × a2 |
|                                     | 1500       | 1.56-0.31 × a1 × a2                                                                | 1.56-0.30 × a1 × a2                                                   | 1.57-0.29 × a1 × a2                                   |    | 1500            | 1.51-2.10 × a1 × a2 | 1.52-2.00 × a1 × a2 | 1.57-2.00 × a1 × a2 |
|                                     | 1800       | 1.75-0.52 × a1 × a2                                                                | 1.76-0.52 × a1 × a2                                                   | 1.77-0.52 × a1 × a2                                   |    | 1800            | 1.71-3.30 × a1 × a2 | 1.72-3.30 × a1 × a2 | 1.77-3.20 × a1 × a2 |
| H2                                  | 750        | 0.97                                                                               | 0.98                                                                  | 1.00                                                  | B2 | 750             | 0.97                | 0.98                | 1.00                |
|                                     | 1000       | 1.19-0.25 × a1 × a2                                                                | 1.20-0.25 × a1 × a2                                                   | 1.22-0.25 × a1 × a2                                   |    | 1000            | 1.17-0.08 × a1 × a2 | 1.18-0.08 × a1 × a2 | 1.21-0.12 × a1 × a2 |
|                                     | 1500       | 1.59-1.06 × a1 × a2                                                                | 1.59-1.00 × a1 × a2                                                   | 1.61-1.00 × a1 × a2                                   |    | 1500            | 1.55-0.47 × a1 × a2 | 1.55-0.47 × a1 × a2 | 1.58-0.52 × a1 × a2 |
|                                     | 1800       | 1.82-1.80 × a1 × a2                                                                | 1.82-1.80 × a1 × a2                                                   | 1.84-1.80 × a1 × a2                                   |    | 1800            | 1.74-0.81 × a1 × a2 | 1.75-0.82 × a1 × a2 | 1.77-0.84 × a1 × a2 |
| H2                                  | 750        | 0.97                                                                               | 0.98                                                                  | 1.00                                                  | B3 | 750             | 0.97                | 0.97                | 1.00                |
|                                     | 1000       | 1.19-0.25 × a1 × a2                                                                | 1.20-0.25 × a1 × a2                                                   | 1.22-0.25 × a1 × a2                                   |    | 1000            | 1.17-0.08 × a1 × a2 | 1.18-0.10 × a1 × a2 | 1.21-0.19 × a1 × a2 |
|                                     | 1500       | 1.59-1.06 × a1 × a2                                                                | 1.59-1.00 × a1 × a2                                                   | 1.61-1.00 × a1 × a2                                   |    | 1500            | 1.56-0.84 × a1 × a2 | 1.57-0.85 × a1 × a2 | 1.60-0.92 × a1 × a2 |
|                                     | 1800       | 1.82-1.80 × a1 × a2                                                                | 1.82-1.80 × a1 × a2                                                   | 1.84-1.80 × a1 × a2                                   |    | 1800            | 1.78-1.50 × a1 × a2 | 1.78-1.50 × a1 × a2 | 1.80-1.50 × a1 × a2 |

对于系数 f<sub>12</sub><0.5,请与我们联系 For factor f12<0.5,please refer to us!

| 表13<br>Table 13 |       | 尺寸系数 Size factor a1 |       |       |       |       |       |       |       |       |       |       |  |
|-----------------|-------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| Size            | 3     | 4                   | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    |  |
| a1              | 0.024 | 0.030               | 0.050 | 0.055 | 0.065 | 0.075 | 0.085 | 0.095 | 0.135 | 0.160 | 0.190 | 0.200 |  |
| Size            | 15    | 16                  | 17    | 18    | 19    | 20    | 21    | 22    | 23    | 24    | 25    | 26    |  |
| a1              | 0.027 | 0.290               | 0.320 | 0.345 | 0.370 | 0.390 | 0.530 | 0.610 | *     |       |       |       |  |

\*) 对于这些尺寸,请与我们联系 \*) for these sizes,please refer to us!

| 表 14<br>Table 14 |        | 传动比系数 Transmission ratio factor a2 |       |      |       |     |       |      |       |      |       |     |       |
|------------------|--------|------------------------------------|-------|------|-------|-----|-------|------|-------|------|-------|-----|-------|
| i                | H1SH   | i                                  | H2SH  | i    | H3SH  | i   | H4SH  | i    | B2SH  | i    | B3SH  | i   | B4SH  |
| 1.25             | 13.000 | 6.3                                | 1.800 | 22.4 | 0.320 | 100 | 0.020 | 5    | 3.500 | 12.5 | 0.950 | 80  | 0.110 |
| 1.4              | 12.000 | 7.1                                | 1.600 | 25   | 0.310 | 112 | 0.015 | 5.6  | 2.800 | 14   | 0.850 | 90  | 0.100 |
| 1.6              | 10.000 | 8                                  | 1.400 | 28   | 0.270 | 125 | 0.012 | 6.3  | 2.400 | 16   | 0.800 | 100 | 0.090 |
| 1.8              | 8.500  | 9                                  | 1.100 | 31.5 | 0.230 | 140 | 0.009 | 7.1  | 1.900 | 18   | 0.750 | 112 | 0.080 |
| 2                | 8.000  | 10                                 | 0.890 | 35.5 | 0.190 | 160 | 0.007 | 8    | 1.600 | 20   | 0.700 | 125 | 0.070 |
| 2.24             | 7.000  | 11.2                               | 0.740 | 40   | 0.170 | 180 | 0.004 | 9    | 1.350 | 22.4 | 0.650 | 140 | 0.060 |
| 2.5              | 6.500  | 12.5                               | 0.630 | 45   | 0.160 | 200 | 0.002 | 10   | 1.200 | 25   | 0.550 | 160 | 0.050 |
| 2.8              | 6.000  | 14                                 | 0.530 | 50   | 0.110 | 224 | 0.000 | 11.2 | 1.100 | 28   | 0.450 | 180 | 0.040 |
| 3.15             | 3.500  | 16                                 | 0.450 | 56   | 0.080 | 250 | 0.000 | 12.5 | 0.950 | 31.5 | 0.380 | 200 | 0.030 |
| 3.55             | 3.300  | 18                                 | 0.370 | 63   | 0.050 | 280 | 0.000 | 14   | 0.850 | 35.5 | 0.330 | 224 | 0.020 |
| 4                | 2.900  | 20                                 | 0.330 | 71   | 0.045 | 315 | 0.000 | 16   | 0.800 | 40   | 0.300 | 250 | 0.010 |
| 4.5              | 2.100  | 22.4                               | 0.320 | 80   | 0.040 | 355 | 0.000 | 18   | 0.750 | 45   | 0.270 | 280 | 0.000 |
| 5                | 1.600  | 25                                 | 0.310 | 90   | 0.035 | 400 | 0.000 |      |       | 50   | 0.200 | 315 | 0.000 |
| 5.6              | 1.600  | 28                                 | 0.270 | 100  | 0.020 | 450 | 0.000 |      |       | 56   | 0.150 | 355 | 0.000 |
|                  |        |                                    |       | 112  | 0.015 |     |       |      |       | 63   | 0.130 | 400 | 0.000 |
|                  |        |                                    |       |      |       |     |       |      |       | 71   | 0.120 |     |       |
|                  |        |                                    |       |      |       |     |       |      |       | 80   | 0.110 |     |       |
|                  |        |                                    |       |      |       |     |       |      |       | 90   | 0.100 |     |       |

# 平行轴减速机 Helical Reductors

# 额定功率 Nominal Power Ratings

类型 H1 Type H1

规格 1... 19 Sizes 1 ...19

| 额定功率 Nominal Power Ratings |                |                |                                                |   |     |   |     |   |      |   |      |    |      |    |      |    |      |    |      |    |      |    |    |    |    |    |    |    |
|----------------------------|----------------|----------------|------------------------------------------------|---|-----|---|-----|---|------|---|------|----|------|----|------|----|------|----|------|----|------|----|----|----|----|----|----|----|
| 减速机规格 Reductors sizes      |                |                |                                                |   |     |   |     |   |      |   |      |    |      |    |      |    |      |    |      |    |      |    |    |    |    |    |    |    |
| i <sub>N</sub>             | n <sub>1</sub> | n <sub>2</sub> | 1                                              | 2 | 3   | 4 | 5   | 6 | 7    | 8 | 9    | 10 | 11   | 12 | 13   | 14 | 15   | 16 | 17   | 18 | 19   | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
|                            | 1/min          |                | 额定功率 PN , KW    Nominal power ratings PN in kW |   |     |   |     |   |      |   |      |    |      |    |      |    |      |    |      |    |      |    |    |    |    |    |    |    |
| 1.25                       | 1500           | 1200           | 99                                             |   | 327 |   | 880 |   | 1671 |   | 2702 |    |      |    |      |    |      |    |      |    |      |    |    |    |    |    |    |    |
|                            | 1000           | 800            | 66                                             |   | 218 |   | 586 |   | 1114 |   | 1801 |    |      |    |      |    |      |    |      |    |      |    |    |    |    |    |    |    |
|                            | 750            | 600            | 50                                             |   | 163 |   | 440 |   | 836  |   | 1351 |    |      |    |      |    |      |    |      |    |      |    |    |    |    |    |    |    |
| 1.4                        | 1500           | 1071           | 93                                             |   | 303 |   | 807 |   | 1559 |   | 2501 |    |      |    |      |    |      |    |      |    |      |    |    |    |    |    |    |    |
|                            | 1000           | 714            | 62                                             |   | 202 |   | 538 |   | 1039 |   | 1667 |    |      |    |      |    |      |    |      |    |      |    |    |    |    |    |    |    |
|                            | 750            | 536            | 47                                             |   | 152 |   | 404 |   | 780  |   | 1252 |    |      |    |      |    |      |    |      |    |      |    |    |    |    |    |    |    |
| 1.6                        | 1500           | 938            | 85                                             |   | 285 |   | 737 |   | 1395 |   | 2318 |    | 3929 |    |      |    |      |    |      |    |      |    |    |    |    |    |    |    |
|                            | 1000           | 625            | 57                                             |   | 190 |   | 491 |   | 929  |   | 1545 |    | 2618 |    | 4123 |    |      |    |      |    |      |    |    |    |    |    |    |    |
|                            | 750            | 469            | 43                                             |   | 142 |   | 368 |   | 697  |   | 1159 |    | 1964 |    | 3094 |    |      |    |      |    |      |    |    |    |    |    |    |    |
| 1.8                        | 1500           | 833            | 79                                             |   | 209 |   | 672 |   | 1326 |   | 2128 |    | 3611 |    |      |    |      |    |      |    |      |    |    |    |    |    |    |    |
|                            | 1000           | 556            | 53                                             |   | 140 |   | 448 |   | 885  |   | 1421 |    | 2410 |    | 3860 |    |      |    |      |    |      |    |    |    |    |    |    |    |
|                            | 750            | 417            | 40                                             |   | 105 |   | 336 |   | 664  |   | 1065 |    | 1808 |    | 2895 |    |      |    |      |    |      |    |    |    |    |    |    |    |
| 2                          | 1500           | 750            | 73                                             |   | 196 |   | 644 |   | 1217 |   | 1963 |    | 3353 |    |      |    |      |    |      |    |      |    |    |    |    |    |    |    |
|                            | 1000           | 500            | 49                                             |   | 131 |   | 429 |   | 812  |   | 1309 |    | 2236 |    | 3571 |    |      |    |      |    |      |    |    |    |    |    |    |    |
|                            | 750            | 375            | 37                                             |   | 98  |   | 322 |   | 609  |   | 982  |    | 1677 |    | 2678 |    |      |    |      |    |      |    |    |    |    |    |    |    |
| 2.24                       | 1500           | 670            | 67                                             |   | 175 |   | 589 |   | 1087 |   | 1754 |    | 3087 |    |      |    |      |    |      |    |      |    |    |    |    |    |    |    |
|                            | 1000           | 446            | 45                                             |   | 117 |   | 392 |   | 724  |   | 1168 |    | 2055 |    | 3283 |    |      |    |      |    |      |    |    |    |    |    |    |    |
|                            | 750            | 335            | 34                                             |   | 88  |   | 295 |   | 544  |   | 877  |    | 1543 |    | 2466 |    | 4280 |    |      |    |      |    |    |    |    |    |    |    |
| 2.5                        | 1500           | 600            | 63                                             |   | 163 |   | 528 |   | 974  |   | 1571 |    | 2764 |    |      |    |      |    |      |    |      |    |    |    |    |    |    |    |
|                            | 1000           | 400            | 42                                             |   | 109 |   | 352 |   | 649  |   | 1047 |    | 1843 |    | 3016 |    | 4607 |    |      |    |      |    |    |    |    |    |    |    |
|                            | 750            | 300            | 31                                             |   | 82  |   | 264 |   | 487  |   | 785  |    | 1382 |    | 2262 |    | 3455 |    |      |    |      |    |    |    |    |    |    |    |
| 2.8                        | 1500           | 536            | 56                                             |   | 152 |   | 471 |   | 836  |   | 1330 |    | 2470 |    |      |    |      |    |      |    |      |    |    |    |    |    |    |    |
|                            | 1000           | 357            | 37                                             |   | 101 |   | 314 |   | 557  |   | 886  |    | 1645 |    | 2692 |    | 4224 |    |      |    |      |    |    |    |    |    |    |    |
|                            | 750            | 268            | 28                                             |   | 76  |   | 236 |   | 418  |   | 665  |    | 1235 |    | 2021 |    | 3171 |    | 4799 |    |      |    |    |    |    |    |    |    |
| 3.15                       | 1500           | 476            | 50                                             |   | 135 |   | 419 |   | 758  |   | 1221 |    | 2088 |    | 3409 |    |      |    |      |    |      |    |    |    |    |    |    |    |
|                            | 1000           | 317            | 33                                             |   | 90  |   | 279 |   | 505  |   | 813  |    | 1391 |    | 2270 |    | 3850 |    |      |    |      |    |    |    |    |    |    |    |
|                            | 750            | 238            | 25                                             |   | 67  |   | 209 |   | 379  |   | 611  |    | 1044 |    | 1705 |    | 2891 |    | 4311 |    |      |    |    |    |    |    |    |    |
| 3.55                       | 1500           | 423            | 44                                             |   | 124 |   | 368 |   | 687  |   | 1103 |    | 1936 |    | 3083 |    |      |    |      |    |      |    |    |    |    |    |    |    |
|                            | 1000           | 282            | 30                                             |   | 83  |   | 245 |   | 458  |   | 735  |    | 1290 |    | 2055 |    | 3484 |    |      |    |      |    |    |    |    |    |    |    |
|                            | 750            | 211            | 22                                             |   | 62  |   | 183 |   | 342  |   | 550  |    | 966  |    | 1538 |    | 2607 |    | 3822 |    |      |    |    |    |    |    |    |    |
| 4                          | 1500           | 375            | 39                                             |   | 110 |   | 330 |   | 609  |   | 982  |    | 1728 |    | 2780 |    |      |    |      |    |      |    |    |    |    |    |    |    |
|                            | 1000           | 250            | 26                                             |   | 73  |   | 220 |   | 406  |   | 654  |    | 1152 |    | 1853 |    | 3194 |    | 4529 |    |      |    |    |    |    |    |    |    |
|                            | 750            | 188            | 20                                             |   | 55  |   | 165 |   | 305  |   | 492  |    | 866  |    | 1394 |    | 2402 |    | 3406 |    | 4823 |    |    |    |    |    |    |    |
| 4.5                        | 1500           | 333            | 29                                             |   | 77  |   | 234 |   | 481  |   | 746  |    | 1395 |    | 2008 |    | 3557 |    |      |    |      |    |    |    |    |    |    |    |
|                            | 1000           | 222            | 19                                             |   | 51  |   | 156 |   | 321  |   | 497  |    | 930  |    | 1339 |    | 2371 |    | 3394 |    |      |    |    |    |    |    |    |    |
|                            | 750            | 167            | 14                                             |   | 38  |   | 117 |   | 241  |   | 374  |    | 699  |    | 1007 |    | 1784 |    | 2553 |    | 3777 |    |    |    |    |    |    |    |
| 5                          | 1500           | 300            | 25                                             |   | 66  |   | 198 |   | 377  |   | 644  |    | 1059 |    | 1712 |    | 2790 |    |      |    |      |    |    |    |    |    |    |    |
|                            | 1000           | 200            | 16                                             |   | 44  |   | 132 |   | 251  |   | 429  |    | 706  |    | 1141 |    | 1860 |    | 2597 |    | 3644 |    |    |    |    |    |    |    |
|                            | 750            | 150            | 12                                             |   | 33  |   | 99  |   | 188  |   | 322  |    | 529  |    | 856  |    | 1395 |    | 1948 |    | 2733 |    |    |    |    |    |    |    |
| 5.6                        | 1500           | 268            | 17                                             |   | 56  |   | 168 |   | 320  |   | 491  |    | 892  |    | 1454 |    | 2371 |    |      |    |      |    |    |    |    |    |    |    |
|                            | 1000           | 179            | 12                                             |   | 37  |   | 112 |   | 214  |   | 328  |    | 596  |    | 971  |    | 1584 |    | 2212 |    | 2812 |    |    |    |    |    |    |    |
|                            | 750            | 134            | 9                                              |   | 28  |   | 84  |   | 160  |   | 246  |    | 446  |    | 727  |    | 1186 |    | 1656 |    | 2105 |    |    |    |    |    |    |    |

卧式安装减速机要采用强制润滑 Forced lubrication required on horizontal reducers



平行轴减速机 Helical Reductors      热容量 Thermal Capacities

类型    H1 Type    H1                      规格 1... 19    Sizes 1 ...19

| 热容量 Thermal Capacities |                 |                                                                                                                                                                                                                                          |   |      |   |     |   |      |   |      |    |      |    |      |    |      |    |      |    |      |    |    |    |    |    |    |    |
|------------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------|---|-----|---|------|---|------|----|------|----|------|----|------|----|------|----|------|----|----|----|----|----|----|----|
| 减速机规格 Reductors sizes  |                 |                                                                                                                                                                                                                                          |   |      |   |     |   |      |   |      |    |      |    |      |    |      |    |      |    |      |    |    |    |    |    |    |    |
| in                     |                 | 1                                                                                                                                                                                                                                        | 2 | 3    | 4 | 5   | 6 | 7    | 8 | 9    | 10 | 11   | 12 | 13   | 14 | 15   | 16 | 17   | 18 | 19   | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
|                        |                 | 热容量 PG( 单位为 KW) 取决于冷却方式: PG1 : 无辅助冷却装置; PG2: 带冷却风扇; PG3 : 带冷却盘管; PG4 : 带风扇和冷却盘管 。<br>Thermal capacity PG(in KW)dependent on kind of cooling;<br>Pg1 without auxiliary cooling.PG2:fan cooling,PG3:cooling coil,PG4:fan and cooling coil. |   |      |   |     |   |      |   |      |    |      |    |      |    |      |    |      |    |      |    |    |    |    |    |    |    |
| 1.25                   | P <sub>G1</sub> | 70.4                                                                                                                                                                                                                                     |   | 110  |   | 207 |   | 230  |   | 190  |    |      |    |      |    |      |    |      |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G2</sub> |                                                                                                                                                                                                                                          |   | 171  |   | 408 |   | 562  |   | 642  |    |      |    |      |    |      |    |      |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G3</sub> | 109                                                                                                                                                                                                                                      |   | 268  |   | 641 |   | 923  |   | 1322 |    |      |    |      |    |      |    |      |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G4</sub> |                                                                                                                                                                                                                                          |   | 322  |   | 819 |   | 1177 |   | 1621 |    |      |    |      |    |      |    |      |    |      |    |    |    |    |    |    |    |
| 1.4                    | P <sub>G1</sub> | 68.0                                                                                                                                                                                                                                     |   | 110  |   | 214 |   | 250  |   | 247  |    |      |    |      |    |      |    |      |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G2</sub> |                                                                                                                                                                                                                                          |   | 169  |   | 409 |   | 567  |   | 670  |    |      |    |      |    |      |    |      |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G3</sub> | 105                                                                                                                                                                                                                                      |   | 260  |   | 629 |   | 901  |   | 1305 |    |      |    |      |    |      |    |      |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G4</sub> |                                                                                                                                                                                                                                          |   | 312  |   | 800 |   | 1149 |   | 1589 |    |      |    |      |    |      |    |      |    |      |    |    |    |    |    |    |    |
| 1.6                    | P <sub>G1</sub> | 66.2                                                                                                                                                                                                                                     |   | 108  |   | 215 |   | 261  |   | 303  |    | 234  |    |      |    |      |    |      |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G2</sub> |                                                                                                                                                                                                                                          |   | 164  |   | 399 |   | 548  |   | 686  |    | 967  |    | 891  |    |      |    |      |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G3</sub> | 100                                                                                                                                                                                                                                      |   | 244  |   | 593 |   | 836  |   | 1246 |    | 2138 |    | 2631 |    |      |    |      |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G4</sub> |                                                                                                                                                                                                                                          |   | 295  |   | 754 |   | 1064 |   | 1519 |    | 2632 |    | 3220 |    |      |    |      |    |      |    |    |    |    |    |    |    |
| 1.8                    | P <sub>G1</sub> | 66.0                                                                                                                                                                                                                                     |   | 120  |   | 214 |   | 274  |   | 323  |    | 330  |    |      |    |      |    |      |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G2</sub> |                                                                                                                                                                                                                                          |   | 181  |   | 387 |   | 552  |   | 682  |    | 1000 |    | 1011 |    |      |    |      |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G3</sub> | 93.7                                                                                                                                                                                                                                     |   | 264  |   | 557 |   | 818  |   | 1195 |    | 2082 |    | 2547 |    |      |    |      |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G4</sub> |                                                                                                                                                                                                                                          |   | 319  |   | 712 |   | 1040 |   | 1454 |    | 2555 |    | 3095 |    |      |    |      |    |      |    |    |    |    |    |    |    |
| 2                      | P <sub>G1</sub> | 65.0                                                                                                                                                                                                                                     |   | 116  |   | 209 |   | 273  |   | 334  |    | 393  |    | 302  |    |      |    |      |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G2</sub> |                                                                                                                                                                                                                                          |   | 174  |   | 372 |   | 534  |   | 668  |    | 1010 |    | 1085 |    | 794  |    |      |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G3</sub> | 89.1                                                                                                                                                                                                                                     |   | 251  |   | 526 |   | 775  |   | 1135 |    | 2004 |    | 2483 |    | 2249 |    |      |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G4</sub> |                                                                                                                                                                                                                                          |   | 303  |   | 670 |   | 985  |   | 1382 |    | 2449 |    | 3001 |    | 3099 |    |      |    |      |    |    |    |    |    |    |    |
| 2.24                   | P <sub>G1</sub> | 57.0                                                                                                                                                                                                                                     |   | 112  |   | 202 |   | 263  |   | 335  |    | 433  |    | 416  |    |      |    |      |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G2</sub> |                                                                                                                                                                                                                                          |   | 166  |   | 353 |   | 496  |   | 643  |    | 999  |    | 1119 |    | 908  |    |      |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G3</sub> | 83.9                                                                                                                                                                                                                                     |   | 236  |   | 490 |   | 699  |   | 1063 |    | 1897 |    | 2377 |    | 2190 |    |      |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G4</sub> |                                                                                                                                                                                                                                          |   | 286  |   | 628 |   | 888  |   | 1296 |    | 2322 |    | 2874 |    | 2984 |    |      |    |      |    |    |    |    |    |    |    |
| 2.5                    | P <sub>G1</sub> | 54.1                                                                                                                                                                                                                                     |   | 103  |   | 192 |   | 252  |   | 328  |    | 452  |    | 486  |    |      |    |      |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G2</sub> |                                                                                                                                                                                                                                          |   | 153  |   | 332 |   | 466  |   | 611  |    | 971  |    | 1121 |    | 1001 |    |      |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G3</sub> | 75.5                                                                                                                                                                                                                                     |   | 212  |   | 453 |   | 644  |   | 984  |    | 1778 |    | 2246 |    | 2140 |    |      |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G4</sub> |                                                                                                                                                                                                                                          |   | 257  |   | 580 |   | 818  |   | 1201 |    | 2174 |    | 2714 |    | 2876 |    |      |    |      |    |    |    |    |    |    |    |
| 2.8                    | P <sub>G1</sub> | 52.3                                                                                                                                                                                                                                     |   | 97.0 |   | 180 |   | 263  |   | 347  |    | 456  |    | 525  |    |      |    |      |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G2</sub> |                                                                                                                                                                                                                                          |   | 143  |   | 309 |   | 477  |   | 630  |    | 928  |    | 1095 |    | 1063 |    | 884  |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G3</sub> | 69.8                                                                                                                                                                                                                                     |   | 195  |   | 413 |   | 649  |   | 990  |    | 1643 |    | 2091 |    | 2063 |    | 2359 |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G4</sub> |                                                                                                                                                                                                                                          |   | 237  |   | 529 |   | 824  |   | 1205 |    | 2010 |    | 2525 |    | 2744 |    | 3138 |    |      |    |    |    |    |    |    |    |
| 3.15                   | P <sub>G1</sub> | 49.7                                                                                                                                                                                                                                     |   | 95.1 |   | 185 |   | 293  |   | 371  |    | 520  |    | 620  |    | 464  |    |      |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G2</sub> |                                                                                                                                                                                                                                          |   | 138  |   | 305 |   | 535  |   | 664  |    | 976  |    | 1151 |    | 1291 |    | 1253 |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G3</sub> | 64.9                                                                                                                                                                                                                                     |   | 189  |   | 408 |   | 755  |   | 1075 |    | 1672 |    | 2082 |    | 2218 |    | 2585 |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G4</sub> |                                                                                                                                                                                                                                          |   | 227  |   | 517 |   | 967  |   | 1320 |    | 2030 |    | 2495 |    | 2847 |    | 3297 |    |      |    |    |    |    |    |    |    |
| 3.55                   | P <sub>G1</sub> | 45.0                                                                                                                                                                                                                                     |   | 87.5 |   | 182 |   | 272  |   | 349  |    | 493  |    | 607  |    | 527  |    | 420  |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G2</sub> |                                                                                                                                                                                                                                          |   | 126  |   | 297 |   | 490  |   | 616  |    | 902  |    | 1086 |    | 1259 |    | 1288 |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G3</sub> | 58.7                                                                                                                                                                                                                                     |   | 170  |   | 390 |   | 676  |   | 973  |    | 1508 |    | 1899 |    | 2057 |    | 2443 |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G4</sub> |                                                                                                                                                                                                                                          |   | 205  |   | 494 |   | 870  |   | 1198 |    | 1835 |    | 2277 |    | 2628 |    | 3088 |    |      |    |    |    |    |    |    |    |
| 4                      | P <sub>G1</sub> | 41.0                                                                                                                                                                                                                                     |   | 79.4 |   | 166 |   | 247  |   | 301  |    | 465  |    | 580  |    | 550  |    | 514  |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G2</sub> |                                                                                                                                                                                                                                          |   | 114  |   | 269 |   | 438  |   | 523  |    | 833  |    | 1006 |    | 1194 |    | 1267 |    | 1221 |    |    |    |    |    |    |    |
|                        | P <sub>G3</sub> | 52.2                                                                                                                                                                                                                                     |   | 151  |   | 346 |   | 592  |   | 806  |    | 1358 |    | 1711 |    | 1869 |    | 2249 |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G4</sub> |                                                                                                                                                                                                                                          |   | 182  |   | 439 |   | 763  |   | 998  |    | 1655 |    | 2055 |    | 2384 |    | 2829 |    |      |    |    |    |    |    |    |    |
| 4.5                    | P <sub>G1</sub> | 41.0                                                                                                                                                                                                                                     |   | 87.5 |   | 172 |   | 254  |   | 347  |    | 446  |    | 608  |    | 657  |    | 649  |    | 563  |    |    |    |    |    |    |    |
|                        | P <sub>G2</sub> |                                                                                                                                                                                                                                          |   | 122  |   | 272 |   | 437  |   | 585  |    | 789  |    | 1037 |    | 1273 |    | 1337 |    | 1351 |    |    |    |    |    |    |    |
|                        | P <sub>G3</sub> | 53.0                                                                                                                                                                                                                                     |   | 161  |   | 346 |   | 586  |   | 890  |    | 1290 |    | 1766 |    | 1905 |    | 2236 |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G4</sub> |                                                                                                                                                                                                                                          |   | 193  |   | 438 |   | 749  |   | 1093 |    | 1580 |    | 2126 |    | 2403 |    | 2782 |    |      |    |    |    |    |    |    |    |
| 5                      | P <sub>G1</sub> | 37.0                                                                                                                                                                                                                                     |   | 79.2 |   | 163 |   | 245  |   | 316  |    | 443  |    | 586  |    | 676  |    | 776  |    | 788  |    |    |    |    |    |    |    |
|                        | P <sub>G2</sub> |                                                                                                                                                                                                                                          |   | 111  |   | 257 |   | 419  |   | 527  |    | 770  |    | 989  |    | 1246 |    | 1495 |    | 1578 |    |    |    |    |    |    |    |
|                        | P <sub>G3</sub> | 46.5                                                                                                                                                                                                                                     |   | 143  |   | 325 |   | 551  |   | 783  |    | 1220 |    | 1662 |    | 1805 |    | 2414 |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G4</sub> |                                                                                                                                                                                                                                          |   | 172  |   | 411 |   | 707  |   | 964  |    | 1500 |    | 2003 |    | 2276 |    | 2988 |    |      |    |    |    |    |    |    |    |
| 5.6                    | P <sub>G1</sub> | 36.5                                                                                                                                                                                                                                     |   | 70.9 |   | 145 |   | 221  |   | 304  |    | 423  |    | 535  |    | 630  |    | 745  |    | 904  |    |    |    |    |    |    |    |
|                        | P <sub>G2</sub> |                                                                                                                                                                                                                                          |   | 98.3 |   | 227 |   | 374  |   | 503  |    | 730  |    | 890  |    | 1131 |    | 1374 |    | 1658 |    |    |    |    |    |    |    |
|                        | P <sub>G3</sub> | 46.8                                                                                                                                                                                                                                     |   | 125  |   | 281 |   | 483  |   | 729  |    | 1143 |    | 1457 |    | 1595 |    | 2148 |    |      |    |    |    |    |    |    |    |
|                        | P <sub>G4</sub> |                                                                                                                                                                                                                                          |   | 150  |   | 357 |   | 621  |   | 902  |    | 1409 |    | 1761 |    | 2014 |    | 2660 |    |      |    |    |    |    |    |    |    |



# SAILAN

## 平行轴减速机 Helical Reductors

## 额定功率 Nominal Power Ratings

类型 H2.., H3... Type H2.., H3...

规格 3...26 Sizes 3...26

| 额定功率 Nominal power rating |                |                                             |                       |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------------------------|----------------|---------------------------------------------|-----------------------|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| in                        | n <sub>1</sub> | n <sub>2</sub>                              | 减速机规格 Reductors sizes |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                           |                |                                             | 3                     | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   |
|                           | 1/min          | 额定功率 PN , KW Nominal power ratings PN in kW |                       |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 6.3                       | 1500           | 238                                         | 87                    | 157 | 262 |     | 474 |     | 785 |     | 1383 |      | 2143 |      | 3564 |      | 4860 |      |      |      |      |      |      |      |      |      |
|                           | 1000           | 159                                         | 58                    | 105 | 175 |     | 316 |     | 524 |     | 924  |      | 1432 |      | 2381 |      | 3247 |      | 4862 |      |      |      |      |      |      |      |
|                           | 750            | 119                                         | 44                    | 79  | 131 |     | 237 |     | 393 |     | 692  |      | 1072 |      | 1782 |      | 2430 |      | 3639 |      |      |      |      |      |      |      |
| 7.1                       | 1500           | 211                                         | 77                    | 139 | 232 |     | 420 |     | 696 |     | 1226 |      | 1900 |      | 3159 | 3535 | 4308 | 5082 |      |      |      |      |      |      |      |      |
|                           | 1000           | 141                                         | 52                    | 93  | 155 |     | 281 |     | 465 |     | 819  |      | 1270 |      | 2111 | 2362 | 2879 | 3396 | 4311 | 4946 |      |      |      |      |      |      |
|                           | 750            | 106                                         | 39                    | 70  | 117 |     | 211 |     | 350 |     | 616  |      | 955  |      | 1587 | 1776 | 2164 | 2553 | 3241 | 3718 | 4551 |      |      |      |      |      |
| 8                         | 1500           | 188                                         | 69                    | 124 | 207 | 266 | 374 | 472 | 620 | 778 | 1093 | 1358 | 1693 | 2106 | 2815 | 3150 | 3839 | 4528 |      |      |      |      |      |      |      |      |
|                           | 1000           | 125                                         | 46                    | 82  | 137 | 177 | 249 | 314 | 412 | 517 | 726  | 903  | 1126 | 1401 | 1872 | 2094 | 2552 | 3010 | 3822 | 4385 | 5366 |      |      |      |      |      |
|                           | 750            | 94                                          | 34                    | 62  | 103 | 133 | 187 | 236 | 310 | 389 | 546  | 679  | 846  | 1053 | 1408 | 1575 | 1919 | 2264 | 2874 | 3297 | 4036 | 4508 |      |      |      |      |
| 9                         | 1500           | 167                                         | 61                    | 110 | 184 | 236 | 332 | 420 | 551 | 691 | 971  | 1207 | 1504 | 1871 | 2501 | 2798 | 3410 | 4022 |      |      |      |      |      |      |      |      |
|                           | 1000           | 111                                         | 41                    | 73  | 122 | 157 | 221 | 279 | 366 | 459 | 645  | 802  | 1000 | 1244 | 1662 | 1860 | 2266 | 2673 | 3394 | 3894 | 4765 | 5323 |      |      |      |      |
|                           | 750            | 83                                          | 30                    | 55  | 91  | 117 | 165 | 209 | 274 | 343 | 482  | 600  | 747  | 930  | 1243 | 1391 | 1695 | 1999 | 2538 | 2912 | 3563 | 3981 | 4693 |      |      |      |
| 10                        | 1500           | 150                                         | 55                    | 99  | 165 | 212 | 298 | 377 | 495 | 620 | 872  | 1084 | 1351 | 1681 | 2246 | 2513 | 3063 | 3613 |      |      |      |      |      |      |      |      |
|                           | 1000           | 100                                         | 37                    | 66  | 110 | 141 | 199 | 251 | 330 | 414 | 581  | 723  | 901  | 1120 | 1497 | 1675 | 2042 | 2408 | 3058 | 3508 | 4293 | 4796 |      |      |      |      |
|                           | 750            | 75                                          | 27                    | 49  | 82  | 106 | 149 | 188 | 247 | 310 | 436  | 542  | 675  | 840  | 1123 | 1257 | 1531 | 1806 | 2293 | 2631 | 3220 | 3597 | 4241 | 4869 |      |      |
| 11.2                      | 1500           | 134                                         | 49                    | 88  | 147 | 189 | 267 | 337 | 442 | 554 | 779  | 968  | 1207 | 1501 | 2006 | 2245 | 2736 | 3227 |      |      |      |      |      |      |      |      |
|                           | 1000           | 89                                          | 33                    | 59  | 98  | 126 | 177 | 224 | 294 | 368 | 517  | 643  | 801  | 997  | 1333 | 1491 | 1817 | 2143 | 2721 | 3122 | 3821 | 4268 | 5032 |      |      |      |
|                           | 750            | 67                                          | 25                    | 44  | 74  | 95  | 133 | 168 | 221 | 277 | 389  | 484  | 603  | 751  | 1003 | 1123 | 1368 | 1614 | 2049 | 2350 | 2876 | 3213 | 3788 | 4350 |      |      |
| 12.5                      | 1500           | 120                                         | 44                    | 79  | 132 | 170 | 239 | 302 | 396 | 496 | 697  | 867  | 1081 | 1345 | 1797 | 2010 | 2450 | 2890 | 3669 |      |      |      |      |      |      |      |
|                           | 1000           | 80                                          | 29                    | 53  | 88  | 113 | 159 | 201 | 264 | 331 | 465  | 578  | 720  | 896  | 1198 | 1340 | 1634 | 1927 | 2446 | 2806 | 3435 | 3837 | 4524 |      |      |      |
|                           | 750            | 60                                          | 22                    | 40  | 66  | 85  | 119 | 151 | 198 | 248 | 349  | 434  | 540  | 672  | 898  | 1005 | 1225 | 1445 | 1835 | 2105 | 2576 | 2877 | 3393 | 3895 | 4900 |      |
| 14                        | 1500           | 107                                         | 39                    | 71  | 118 | 151 | 213 | 269 | 353 | 443 | 622  | 773  | 964  | 1199 | 1602 | 1793 | 2185 | 2577 | 3272 | 3753 |      |      |      |      |      |      |
|                           | 1000           | 71                                          | 26                    | 47  | 78  | 100 | 141 | 178 | 234 | 294 | 413  | 513  | 639  | 795  | 1063 | 1190 | 1450 | 1710 | 2171 | 2491 | 3048 | 3405 | 4015 | 4609 |      |      |
|                           | 750            | 54                                          | 20                    | 36  | 59  | 76  | 107 | 136 | 178 | 223 | 314  | 390  | 486  | 605  | 809  | 905  | 1103 | 1301 | 1651 | 1894 | 2318 | 2590 | 3053 | 3506 | 4410 | 4976 |
| 16                        | 1500           | 94                                          | 34                    | 62  | 103 | 133 | 187 | 236 | 310 | 389 | 546  | 679  | 846  | 1053 | 1408 | 1575 | 1919 | 2264 | 2874 | 3297 |      |      |      |      |      |      |
|                           | 1000           | 63                                          | 23                    | 42  | 69  | 89  | 125 | 158 | 208 | 261 | 366  | 455  | 567  | 706  | 943  | 1055 | 1286 | 1517 | 1926 | 2210 | 2705 | 3021 | 3562 | 4090 | 5146 |      |
|                           | 750            | 47                                          | 17                    | 31  | 52  | 66  | 94  | 118 | 155 | 194 | 273  | 340  | 423  | 527  | 704  | 787  | 960  | 1132 | 1437 | 1649 | 2018 | 2254 | 2658 | 3051 | 3839 | 4331 |
| 18                        | 1500           | 83                                          | 30                    | 55  | 91  | 117 | 165 | 209 | 274 | 343 | 482  | 600  | 747  | 930  | 1243 | 1391 | 1695 | 1999 | 2538 | 2912 |      |      |      |      |      |      |
|                           | 1000           | 56                                          | 21                    | 37  | 62  | 79  | 111 | 141 | 185 | 232 | 325  | 405  | 504  | 627  | 839  | 938  | 1143 | 1349 | 1712 | 1964 | 2404 | 2686 | 3166 | 3636 | 4574 | 5160 |
|                           | 750            | 42                                          | 15                    | 28  | 46  | 59  | 84  | 106 | 139 | 174 | 244  | 303  | 378  | 471  | 629  | 704  | 858  | 1012 | 1284 | 1473 | 1803 | 2014 | 2375 | 2727 | 3430 | 3870 |
| 20                        | 1500           | 75                                          | 27                    | 49  | 82  | 106 | 149 | 188 | 247 | 310 | 436  | 542  | 675  | 840  | 1123 | 1257 | 1531 | 1806 | 2293 | 2631 |      |      |      |      |      |      |
|                           | 1000           | 50                                          | 18                    | 33  | 55  | 71  | 99  | 126 | 165 | 207 | 291  | 361  | 450  | 560  | 749  | 838  | 1021 | 1204 | 1529 | 1754 | 2147 | 2398 | 2827 | 3246 | 4084 | 4607 |
|                           | 750            | 38                                          | 14                    | 25  | 42  | 54  | 76  | 95  | 125 | 157 | 221  | 275  | 342  | 426  | 569  | 637  | 776  | 915  | 1162 | 1333 | 1631 | 1822 | 2149 | 2467 | 3104 | 3502 |
| 22.4                      | 1500           | 67                                          | 25                    | 43  | 72  | 95  | 130 | 168 | 217 | 277 | 382  | 484  | 617  | 751  | 1073 | 1123 | 1403 | 1614 | 2105 | 2350 | 2947 |      | 3929 |      |      |      |
|                           | 1000           | 45                                          | 16                    | 29  | 48  | 64  | 88  | 113 | 146 | 186 | 257  | 325  | 415  | 504  | 721  | 754  | 942  | 1084 | 1414 | 1579 | 1979 | 2158 | 2639 | 2921 | 3770 | 4147 |
|                           | 750            | 33                                          | 12                    | 21  | 35  | 47  | 64  | 83  | 107 | 136 | 188  | 238  | 304  | 370  | 529  | 553  | 691  | 795  | 1037 | 1158 | 1451 | 1583 | 1935 | 2142 | 2764 | 3041 |
| 25                        | 1500           | 60                                          |                       |     | 69  | 85  | 129 | 151 | 214 | 248 | 377  | 434  | 553  | 672  | 961  | 1087 | 1257 | 1508 | 1885 | 2168 | 2639 | 2953 | 3518 | 4021 | 5026 |      |
|                           | 1000           | 40                                          |                       |     | 46  | 57  | 86  | 101 | 142 | 165 | 251  | 289  | 369  | 448  | 641  | 725  | 838  | 1005 | 1257 | 1445 | 1759 | 1969 | 2346 | 2681 | 3351 | 3770 |
|                           | 750            | 30                                          |                       |     | 35  | 42  | 64  | 75  | 107 | 124 | 188  | 217  | 276  | 336  | 481  | 543  | 628  | 754  | 942  | 1084 | 1319 | 1476 | 1759 | 2010 | 2513 | 2827 |
| 28                        | 1500           | 54                                          |                       |     | 62  | 74  | 116 | 133 | 192 | 220 | 339  | 383  | 498  | 616  | 865  | 978  | 1131 | 1357 | 1696 | 1951 | 2375 | 2658 | 3166 | 3619 | 4524 | 5089 |
|                           | 1000           | 36                                          |                       |     | 41  | 49  | 77  | 89  | 128 | 147 | 226  | 256  | 332  | 411  | 577  | 652  | 754  | 905  | 1131 | 1301 | 1583 | 1772 | 2111 | 2413 | 3016 | 3393 |
|                           | 750            | 27                                          |                       |     | 31  | 37  | 58  | 66  | 96  | 110 | 170  | 192  | 249  | 308  | 433  | 489  | 565  | 679  | 848  | 975  | 1187 | 1329 | 1583 | 1809 | 2262 | 2545 |
| 31.5                      | 1500           | 48                                          |                       |     | 55  | 73  | 103 | 128 | 171 | 216 | 302  | 377  | 442  | 548  | 769  | 870  | 1005 | 1206 | 1508 | 1734 | 2111 | 2362 | 2815 | 3217 | 4021 | 4524 |
|                           | 1000           | 32                                          |                       |     | 37  | 49  | 69  | 85  | 114 | 144 | 201  | 251  | 295  | 365  | 513  | 580  | 670  | 804  | 1005 | 1156 | 1407 | 1575 | 1876 | 2145 | 2681 | 3016 |
|                           | 750            | 24                                          |                       |     | 28  | 36  | 52  | 64  | 85  | 108 | 151  | 188  | 221  | 274  | 385  | 435  | 503  | 603  | 754  | 867  | 1055 | 1181 | 1407 | 1608 | 2010 | 2262 |
| 35.5                      | 1500           | 42                                          |                       |     | 48  | 64  | 90  | 112 | 150 | 189 | 264  | 330  | 387  | 479  | 673  | 761  | 880  | 1055 | 1319 | 1517 | 1847 | 2067 | 2463 | 2815 | 3518 | 3958 |
|                           | 1000           | 28                                          |                       |     | 32  | 43  | 60  | 75  | 100 | 126 | 176  | 220  | 258  | 320  | 449  | 507  | 586  | 704  | 880  | 1012 | 1231 | 1378 | 1642 | 1876 | 2346 | 2639 |
|                           | 750            | 21                                          |                       |     | 24  | 32  | 45  | 56  | 75  | 95  | 132  | 165  | 194  | 240  | 336  | 380  | 440  | 528  | 660  | 759  | 924  | 1034 | 1231 | 1407 | 1759 | 1979 |

卧式安装减速机要采用强制润滑 Forced lubrication required on horizontal reducers

平行轴减速机 Helical Reductors

类型 H2..., H3... Type H2..., H3...

热容量 Thermal Capacities

规格 3 ... 26 Sizes 3 ... 26

| 热容量PG,KW Thermal capacities PG in KW |     |                                                                                                                                                                                                                                    |      |      |      |      |      |     |     |     |      |      |      |      |      |      |      |     |     |     |     |      |      |      |      |  |
|--------------------------------------|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|-----|-----|------|------|------|------|--|
| in                                   |     | 减速机规格 Reductors sizes                                                                                                                                                                                                              |      |      |      |      |      |     |     |     |      |      |      |      |      |      |      |     |     |     |     |      |      |      |      |  |
|                                      |     | 3                                                                                                                                                                                                                                  | 4    | 5    | 6    | 7    | 8    | 9   | 10  | 11  | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19  | 20  | 21  | 22  | 23   | 24   | 25   | 26   |  |
|                                      |     | 热容量PG(单位为KW)取决于冷却方式: PG1: 无辅助冷却装置; PG2:带冷却风扇; PG3: 带冷却盘管; PG4: 带风扇和冷却盘管 。<br>Thermal capacity PG(in KW) dependent on kind of cooling ;PG1:without auxiliary cooling,<br>PG2:fan cooling,PG3:cooling coil,PG4:fan and cooling coil. |      |      |      |      |      |     |     |     |      |      |      |      |      |      |      |     |     |     |     |      |      |      |      |  |
| 6.3                                  | PG1 | 53.2                                                                                                                                                                                                                               | 68.2 | 89.4 |      | 128  |      | 177 |     | 253 |      | 333  |      | 325  |      | 230  |      | 291 |     |     |     |      |      |      |      |  |
|                                      | PG2 |                                                                                                                                                                                                                                    | 93.5 | 129  |      | 202  |      | 273 |     | 443 |      | 607  |      | 652  |      | 775  |      |     |     |     |     |      |      |      |      |  |
|                                      | PG3 | 84.9                                                                                                                                                                                                                               | 114  | 181  |      | 291  |      | 454 |     | 669 |      | 1164 |      | 1405 |      | 1713 |      |     |     |     |     |      |      |      |      |  |
|                                      | PG4 |                                                                                                                                                                                                                                    | 137  | 218  |      | 357  |      | 539 |     | 835 |      | 1394 |      | 1653 |      | 2122 |      |     |     |     |     |      |      |      |      |  |
| 7.1                                  | PG1 | 50.9                                                                                                                                                                                                                               | 69.9 | 91.1 |      | 124  |      | 173 |     | 256 |      | 340  |      | 351  | 342  | 315  | 260  | 375 | 321 | 372 |     |      |      |      |      |  |
|                                      | PG2 |                                                                                                                                                                                                                                    | 95.7 | 131  |      | 194  |      | 264 |     | 440 |      | 601  |      | 659  | 672  | 807  | 802  |     |     |     |     |      |      |      |      |  |
|                                      | PG3 | 79.9                                                                                                                                                                                                                               | 115  | 180  |      | 273  |      | 427 |     | 650 |      | 1123 |      | 1358 | 1416 | 1658 | 1710 |     |     |     |     |      |      |      |      |  |
|                                      | PG4 |                                                                                                                                                                                                                                    | 139  | 217  |      | 336  |      | 506 |     | 813 |      | 1344 |      | 1599 | 1670 | 2040 | 2129 |     |     |     |     |      |      |      |      |  |
| 8                                    | PG1 | 49.2                                                                                                                                                                                                                               | 67.1 | 88.5 | 97.8 | 120  | 137  | 169 | 176 | 252 | 291  | 341  | 372  | 368  | 368  | 365  | 340  | 431 | 402 | 458 | 398 |      |      |      |      |  |
|                                      | PG2 |                                                                                                                                                                                                                                    | 91.4 | 127  | 140  | 187  | 213  | 255 | 267 | 428 | 495  | 590  | 661  | 658  | 679  | 826  | 831  |     |     |     |     |      |      |      |      |  |
|                                      | PG3 | 76.3                                                                                                                                                                                                                               | 109  | 173  | 187  | 259  | 297  | 405 | 450 | 619 | 849  | 1069 | 1218 | 1310 | 1370 | 1611 | 1658 |     |     |     |     |      |      |      |      |  |
|                                      | PG4 |                                                                                                                                                                                                                                    | 131  | 208  | 226  | 320  | 365  | 481 | 530 | 777 | 1023 | 1284 | 1468 | 1535 | 1614 | 1980 | 2042 |     |     |     |     |      |      |      |      |  |
| 9                                    | PG1 | 46.5                                                                                                                                                                                                                               | 64.9 | 85.7 | 99.5 | 116  | 133  | 163 | 172 | 243 | 293  | 338  | 378  | 375  | 383  | 399  | 388  | 469 | 457 | 516 | 479 | 1037 |      |      |      |  |
|                                      | PG2 |                                                                                                                                                                                                                                    | 88.2 | 123  | 141  | 180  | 204  | 245 | 257 | 406 | 491  | 573  | 652  | 647  | 676  | 829  | 848  |     |     |     |     |      |      |      |      |  |
|                                      | PG3 | 71.4                                                                                                                                                                                                                               | 104  | 165  | 187  | 246  | 280  | 383 | 421 | 572 | 824  | 1012 | 1175 | 1247 | 1321 | 1562 | 1615 |     |     |     |     |      |      |      |      |  |
|                                      | PG4 |                                                                                                                                                                                                                                    | 126  | 198  | 225  | 302  | 344  | 456 | 496 | 717 | 994  | 1216 | 1407 | 1461 | 1550 | 1907 | 1983 |     |     |     |     |      |      |      |      |  |
| 10                                   | PG1 | 44.1                                                                                                                                                                                                                               | 61.4 | 81.0 | 96.6 | 112  | 129  | 157 | 167 | 235 | 289  | 331  | 378  | 375  | 390  | 418  | 419  | 508 | 492 | 572 | 535 | 1076 | 1119 |      |      |  |
|                                      | PG2 |                                                                                                                                                                                                                                    | 83.0 | 115  | 137  | 171  | 197  | 234 | 249 | 388 | 478  | 552  | 637  | 629  | 664  | 820  | 850  |     |     |     |     |      |      |      |      |  |
|                                      | PG3 | 66.4                                                                                                                                                                                                                               | 96.9 | 152  | 179  | 231  | 266  | 359 | 401 | 537 | 783  | 955  | 1116 | 1177 | 1254 | 1493 | 1556 |     |     |     |     |      |      |      |      |  |
|                                      | PG4 |                                                                                                                                                                                                                                    | 117  | 183  | 215  | 285  | 327  | 428 | 472 | 672 | 950  | 1146 | 1343 | 1379 | 1475 | 1819 | 1908 |     |     |     |     |      |      |      |      |  |
| 11.2                                 | PG1 | 41.7                                                                                                                                                                                                                               | 58.8 | 77.6 | 93.5 | 113  | 125  | 149 | 162 | 238 | 277  | 337  | 373  | 370  | 390  | 426  | 437  | 530 | 530 | 607 | 589 | 1118 | 1163 |      |      |  |
|                                      | PG2 |                                                                                                                                                                                                                                    | 79.4 | 110  | 132  | 172  | 189  | 221 | 240 | 389 | 452  | 556  | 618  | 606  | 647  | 799  | 840  |     |     |     |     |      |      |      |      |  |
|                                      | PG3 | 62.2                                                                                                                                                                                                                               | 91.7 | 143  | 171  | 229  | 251  | 335 | 378 | 533 | 720  | 941  | 1062 | 1100 | 1187 | 1411 | 1494 |     |     |     |     |      |      |      |      |  |
|                                      | PG4 |                                                                                                                                                                                                                                    | 111  | 173  | 206  | 283  | 310  | 400 | 447 | 668 | 872  | 1133 | 1275 | 1292 | 1391 | 1717 | 1822 |     |     |     |     |      |      |      |      |  |
| 12.5                                 | PG1 | 40.8                                                                                                                                                                                                                               | 56.7 | 76.3 | 88.1 | 111  | 119  | 146 | 156 | 238 | 267  | 323  | 364  | 372  | 384  | 444  | 443  | 555 | 550 | 641 | 621 | 1118 | 1163 | 1337 |      |  |
|                                      | PG2 |                                                                                                                                                                                                                                    | 75.7 | 107  | 124  | 167  | 180  | 215 | 229 | 381 | 430  | 523  | 595  | 600  | 622  | 799  | 817  |     |     |     |     |      |      |      |      |  |
|                                      | PG3 | 59.7                                                                                                                                                                                                                               | 88.5 | 141  | 157  | 224  | 237  | 324 | 356 | 522 | 675  | 863  | 997  | 1078 | 1114 | 1370 | 1410 |     |     |     |     |      |      |      |      |  |
|                                      | PG4 |                                                                                                                                                                                                                                    | 106  | 169  | 190  | 275  | 292  | 384 | 421 | 650 | 818  | 1036 | 1199 | 1261 | 1305 | 1665 | 1716 |     |     |     |     |      |      |      |      |  |
| 14                                   | PG1 | 38.2                                                                                                                                                                                                                               | 53.7 | 72.1 | 84.2 | 102  | 120  | 142 | 149 | 226 | 270  | 310  | 369  | 359  | 385  | 434  | 459  | 551 | 574 | 643 | 653 | 1110 | 1194 | 1327 | 1393 |  |
|                                      | PG2 |                                                                                                                                                                                                                                    | 71.5 | 101  | 118  | 153  | 181  | 207 | 217 | 359 | 433  | 495  | 598  | 569  | 615  | 766  | 816  |     |     |     |     |      |      |      |      |  |
|                                      | PG3 | 55.5                                                                                                                                                                                                                               | 82.7 | 131  | 148  | 200  | 235  | 305 | 331 | 483 | 670  | 799  | 987  | 1001 | 1087 | 1280 | 1369 |     |     |     |     |      |      |      |      |  |
|                                      | PG4 |                                                                                                                                                                                                                                    | 99.1 | 156  | 179  | 247  | 290  | 364 | 392 | 602 | 813  | 963  | 1187 | 1173 | 1276 | 1557 | 1665 |     |     |     |     |      |      |      |      |  |
| 16                                   | PG1 | 35.3                                                                                                                                                                                                                               | 49.2 | 67.6 | 82.6 | 95.3 | 118  | 133 | 145 | 212 | 269  | 283  | 354  | 361  | 371  | 420  | 448  | 536 | 568 | 627 | 653 | 1084 | 1127 | 1296 | 1361 |  |
|                                      | PG2 |                                                                                                                                                                                                                                    | 65.2 | 93.7 | 114  | 142  | 175  | 193 | 210 | 334 | 424  | 449  | 563  | 565  | 583  | 725  | 781  |     |     |     |     |      |      |      |      |  |
|                                      | PG3 | 51.3                                                                                                                                                                                                                               | 74.5 | 120  | 146  | 184  | 229  | 280 | 321 | 440 | 653  | 707  | 900  | 978  | 1009 | 1188 | 1281 |     |     |     |     |      |      |      |      |  |
|                                      | PG4 |                                                                                                                                                                                                                                    | 89.6 | 144  | 175  | 226  | 282  | 334 | 378 | 549 | 789  | 855  | 1084 | 1147 | 1183 | 1444 | 1559 |     |     |     |     |      |      |      |      |  |
| 18                                   | PG1 | 34.4                                                                                                                                                                                                                               | 47.0 | 64.5 | 78.1 | 91.1 | 108  | 125 | 140 | 196 | 255  | 285  | 338  | 340  | 373  | 415  | 433  | 534 | 551 | 617 | 637 | 1050 | 1092 | 1256 | 1318 |  |
|                                      | PG2 |                                                                                                                                                                                                                                    | 62.0 | 89.4 | 108  | 136  | 160  | 181 | 202 | 310 | 398  | 450  | 533  | 527  | 579  | 702  | 739  |     |     |     |     |      |      |      |      |  |
|                                      | PG3 | 50.2                                                                                                                                                                                                                               | 70.0 | 113  | 135  | 175  | 206  | 261 | 302 | 410 | 602  | 709  | 836  | 901  | 987  | 1132 | 1185 |     |     |     |     |      |      |      |      |  |
|                                      | PG4 |                                                                                                                                                                                                                                    | 84.2 | 136  | 163  | 216  | 253  | 312 | 357 | 513 | 729  | 854  | 1007 | 1059 | 1159 | 1373 | 1446 |     |     |     |     |      |      |      |      |  |
| 20                                   | PG1 | 32.1                                                                                                                                                                                                                               | 46.0 | 60.4 | 73.1 | 84.9 | 102  | 121 | 132 | 189 | 238  | 267  | 308  | 326  | 351  | 406  | 429  | 517 | 548 | 598 | 634 | 1015 | 1056 | 1214 | 1274 |  |
|                                      | PG2 |                                                                                                                                                                                                                                    | 60.4 | 83.5 | 100  | 126  | 149  | 174 | 189 | 297 | 369  | 419  | 482  | 498  | 540  | 681  | 717  |     |     |     |     |      |      |      |      |  |
|                                      | PG3 | 45.9                                                                                                                                                                                                                               | 67.7 | 105  | 124  | 160  | 189  | 250 | 278 | 387 | 547  | 646  | 740  | 828  | 910  | 1085 | 1124 |     |     |     |     |      |      |      |      |  |
|                                      | PG4 |                                                                                                                                                                                                                                    | 81.4 | 126  | 150  | 198  | 232  | 298 | 329 | 484 | 663  | 780  | 893  | 970  | 1069 | 1318 | 1368 |     |     |     |     |      |      |      |      |  |
| 22.4                                 | PG1 | 31.9                                                                                                                                                                                                                               | 42.5 | 56.1 | 69.8 | 81.8 | 97   | 111 | 124 | 176 | 220  | 240  | 310  | 330  | 336  | 355  | 420  | 440 | 531 | 524 | 607 | 775  | 1005 | 928  | 1210 |  |
|                                      | PG2 |                                                                                                                                                                                                                                    | 55.8 | 77.1 | 95.8 | 121  | 143  | 161 | 177 | 275 | 343  | 301  | 482  | 443  | 510  | 460  | 695  |     |     |     |     |      |      |      |      |  |
|                                      | PG3 | 45.3                                                                                                                                                                                                                               | 61.7 | 95.4 | 118  | 153  | 180  | 225 | 259 | 352 | 512  | 525  | 740  | 844  | 834  | 844  | 1078 |     |     |     |     |      |      |      |      |  |
|                                      | PG4 |                                                                                                                                                                                                                                    | 74.3 | 115  | 142  | 188  | 221  | 269 | 307 | 441 | 620  | 580  | 893  | 941  | 980  | 934  | 1311 |     |     |     |     |      |      |      |      |  |
| 25                                   | PG1 |                                                                                                                                                                                                                                    |      | 56.8 | 65.4 | 84.3 | 90.6 | 115 | 120 | 173 | 213  | 234  | 290  | 322  | 341  | 344  | 367  | 435 | 453 | 537 | 535 | 760  | 790  | 908  | 945  |  |
|                                      | PG2 |                                                                                                                                                                                                                                    |      | 69.2 | 89.3 | 105  | 132  | 145 | 171 | 224 | 329  | 292  | 448  | 429  | 456  | 445  | 474  |     |     |     |     |      |      |      |      |  |
|                                      | PG3 |                                                                                                                                                                                                                                    |      | 98.7 | 108  | 158  | 165  | 231 | 248 | 392 | 480  | 499  | 676  | 795  | 854  | 796  | 847  |     |     |     |     |      |      |      |      |  |
|                                      | PG4 |                                                                                                                                                                                                                                    |      | 110  | 131  | 177  | 203  | 258 | 294 | 436 | 583  | 550  | 815  | 888  | 953  | 881  | 940  |     |     |     |     |      |      |      |      |  |
| 28                                   | PG1 |                                                                                                                                                                                                                                    |      | 54.5 | 60.7 | 84.7 | 87.1 | 114 | 111 | 167 | 198  | 225  | 259  | 318  | 333  | 339  | 355  | 427 | 447 | 540 | 548 | 778  | 809  | 930  | 967  |  |
|                                      | PG2 |                                                                                                                                                                                                                                    |      | 66.5 | 82.6 | 106  | 127  | 143 | 158 | 215 | 304  | 281  | 323  | 421  | 441  | 436  | 456  |     |     |     |     |      |      |      |      |  |
|                                      | PG3 |                                                                                                                                                                                                                                    |      | 93.2 | 98.8 | 157  | 157  | 224 | 224 | 367 | 435  | 468  | 548  | 767  | 804  | 766  | 799  |     |     |     |     |      |      |      |      |  |
|                                      | PG4 |                                                                                                                                                                                                                                    |      | 104  | 119  | 176  | 193  | 250 | 267 | 410 | 530  | 518  | 605  | 858  | 898  | 850  | 887  |     |     |     |     |      |      |      |      |  |
| 31.5                                 | PG1 |                                                                                                                                                                                                                                    |      | 52.9 | 61.2 | 81.2 | 90.3 | 111 | 115 | 161 | 194  | 219  | 252  | 310  | 328  | 329  | 349  | 417 | 439 | 537 | 549 | 773  | 804  | 925  | 962  |  |
|                                      | PG2 |                                                                                                                                                                                                                                    |      | 64.3 | 73.9 | 101  | 112  | 139 | 144 | 207 | 247  | 272  | 312  | 409  | 433  | 422  | 447  |     |     |     |     |      |      |      |      |  |
|                                      | PG3 |                                                                                                                                                                                                                                    |      | 89.4 | 102  | 148  | 162  | 215 | 268 | 350 | 403  | 449  | 520  |      |      |      |      |     |     |     |     |      |      |      |      |  |





# SAILAN

## 平行轴减速机 Helical Reductors

## 额定功率 Nominal Power Ratings

类型 H3..., H4... Type H3..., H4...

规格 5...26 Sizes 5...26

| 额定功率 Nominal power rating |                |                |                                             |    |      |      |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |  |
|---------------------------|----------------|----------------|---------------------------------------------|----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|--|
| in                        | n <sub>1</sub> | n <sub>2</sub> | 减速机规格 Reductors sizes                       |    |      |      |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |  |
|                           |                |                | 5                                           | 6  | 7    | 8    | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   |  |
|                           | 1/min          |                | 额定功率 PN , KW Nominal power ratings PN in kW |    |      |      |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |  |
| 40                        | 1500           | 38             | 44                                          | 58 | 82   | 101  | 135 | 171 | 239 | 298 | 350 | 434 | 609 | 688 | 796 | 955 | 1194 | 1373 | 1671 | 1870 | 2228 | 2547 | 3183 | 3581 |  |
|                           | 1000           | 25             | 29                                          | 38 | 54   | 67   | 89  | 113 | 157 | 196 | 230 | 285 | 401 | 453 | 524 | 628 | 785  | 903  | 1099 | 1230 | 1466 | 1675 | 2094 | 2356 |  |
|                           | 750            | 18.8           | 22                                          | 29 | 40   | 50   | 67  | 85  | 118 | 148 | 173 | 215 | 301 | 341 | 394 | 472 | 591  | 679  | 827  | 925  | 1102 | 1260 | 1575 | 1772 |  |
| 45                        | 1500           | 33             | 38                                          | 50 | 71   | 88   | 117 | 149 | 207 | 259 | 304 | 377 | 529 | 598 | 691 | 829 | 1037 | 1192 | 1451 | 1624 | 1935 | 2212 | 2764 | 3110 |  |
|                           | 1000           | 22             | 25                                          | 33 | 47   | 59   | 78  | 99  | 138 | 173 | 203 | 251 | 352 | 399 | 461 | 553 | 691  | 795  | 968  | 1083 | 1290 | 1474 | 1843 | 2073 |  |
|                           | 750            | 16.7           | 19                                          | 25 | 36   | 45   | 59  | 75  | 105 | 131 | 154 | 191 | 268 | 303 | 350 | 420 | 525  | 603  | 734  | 822  | 979  | 1119 | 1399 | 1574 |  |
| 50                        | 1500           | 30             | 35                                          | 46 | 64   | 80   | 107 | 135 | 188 | 236 | 276 | 342 | 481 | 543 | 628 | 754 | 942  | 1084 | 1319 | 1476 | 1759 | 2010 | 2513 | 2827 |  |
|                           | 1000           | 20             | 23                                          | 30 | 43   | 53   | 71  | 90  | 126 | 157 | 184 | 228 | 320 | 362 | 419 | 503 | 628  | 723  | 880  | 984  | 1173 | 1340 | 1675 | 1885 |  |
|                           | 750            | 15             | 17                                          | 23 | 32   | 40   | 53  | 68  | 94  | 118 | 138 | 171 | 240 | 272 | 314 | 377 | 471  | 542  | 660  | 738  | 880  | 1005 | 1257 | 1414 |  |
| 56                        | 1500           | 27             | 31                                          | 41 | 58   | 72   | 96  | 122 | 170 | 212 | 249 | 308 | 433 | 489 | 565 | 679 | 848  | 975  | 1187 | 1329 | 1583 | 1809 | 2262 | 2545 |  |
|                           | 1000           | 17.9           | 21                                          | 27 | 38   | 48   | 64  | 81  | 112 | 141 | 165 | 204 | 287 | 324 | 375 | 450 | 562  | 647  | 787  | 881  | 1050 | 1200 | 1499 | 1687 |  |
|                           | 750            | 13.4           | 15                                          | 20 | 29   | 36   | 48  | 60  | 84  | 105 | 123 | 153 | 215 | 243 | 281 | 337 | 421  | 484  | 589  | 659  | 786  | 898  | 1123 | 1263 |  |
| 63                        | 1500           | 24             | 28                                          | 36 | 52   | 64   | 85  | 108 | 151 | 188 | 221 | 274 | 385 | 435 | 503 | 603 | 754  | 867  | 1055 | 1181 | 1407 | 1608 | 2010 | 2262 |  |
|                           | 1000           | 15.9           | 18                                          | 24 | 34   | 42   | 57  | 72  | 100 | 125 | 147 | 181 | 255 | 288 | 333 | 400 | 499  | 574  | 699  | 783  | 932  | 1066 | 1332 | 1498 |  |
|                           | 750            | 11.9           | 14                                          | 18 | 26   | 32   | 42  | 54  | 75  | 93  | 110 | 136 | 191 | 216 | 249 | 299 | 374  | 430  | 523  | 586  | 698  | 797  | 997  | 1121 |  |
| 71                        | 1500           | 21             | 24                                          | 32 | 45   | 56   | 75  | 95  | 132 | 165 | 194 | 240 | 336 | 380 | 440 | 528 | 660  | 759  | 924  | 1034 | 1231 | 1407 | 1759 | 1979 |  |
|                           | 1000           | 14.1           | 16                                          | 21 | 30   | 38   | 50  | 63  | 89  | 111 | 130 | 161 | 226 | 255 | 295 | 354 | 443  | 509  | 620  | 694  | 827  | 945  | 1181 | 1329 |  |
|                           | 750            | 10.6           | 12                                          | 16 | 23   | 28   | 38  | 48  | 67  | 83  | 98  | 121 | 170 | 192 | 222 | 266 | 333  | 383  | 466  | 522  | 622  | 710  | 888  | 999  |  |
| 80                        | 1500           | 18.8           | 22                                          | 29 | 40   | 50   | 67  | 85  | 118 | 148 | 173 | 215 | 301 | 341 | 394 | 472 | 591  | 679  | 827  | 925  | 1102 | 1260 | 1575 | 1772 |  |
|                           | 1000           | 12.5           | 14                                          | 19 | 27   | 33   | 45  | 56  | 79  | 98  | 115 | 143 | 200 | 226 | 262 | 314 | 393  | 452  | 550  | 615  | 733  | 838  | 1047 | 1178 |  |
|                           | 750            | 9.4            | 11                                          | 14 | 20   | 25   | 33  | 42  | 59  | 74  | 87  | 107 | 151 | 170 | 197 | 236 | 295  | 340  | 413  | 463  | 551  | 630  | 787  | 886  |  |
| 90                        | 1500           | 16.7           | 19                                          | 25 | 35   | 45   | 59  | 75  | 105 | 131 | 154 | 191 | 268 | 303 | 350 | 420 | 507  | 603  | 717  | 822  | 979  | 1119 | 1399 | 1574 |  |
|                           | 1000           | 11.1           | 13                                          | 17 | 23   | 30   | 39  | 50  | 70  | 87  | 102 | 127 | 178 | 201 | 232 | 279 | 337  | 401  | 477  | 546  | 651  | 744  | 930  | 1046 |  |
|                           | 750            | 8.3            | 10                                          | 13 | 17   | 22   | 29  | 37  | 52  | 65  | 76  | 95  | 133 | 150 | 174 | 209 | 252  | 300  | 356  | 408  | 487  | 556  | 695  | 782  |  |
| 100                       | 1500           | 15             |                                             | 23 | 32   | 40   | 53  | 68  | 94  | 118 | 138 | 171 | 240 | 272 | 314 | 355 | 471  | 526  | 660  | 730  | 880  | 1005 | 1257 | 1414 |  |
|                           | 1000           | 10             |                                             | 15 | 21   | 27   | 36  | 45  | 63  | 79  | 92  | 114 | 160 | 181 | 209 | 237 | 314  | 351  | 440  | 487  | 586  | 670  | 838  | 942  |  |
|                           | 750            | 7.5            |                                             | 11 | 16   | 20   | 27  | 34  | 47  | 59  | 69  | 86  | 120 | 136 | 157 | 177 | 236  | 263  | 330  | 365  | 440  | 503  | 628  | 707  |  |
| 112                       | 1500           | 13.4           |                                             | 20 | 29   | 35   | 48  | 59  | 84  | 105 | 123 | 153 | 215 | 243 | 281 | 337 | 421  | 484  | 589  | 659  | 786  | 898  | 1123 | 1263 |  |
|                           | 1000           | 8.9            |                                             | 13 | 19   | 23   | 32  | 39  | 56  | 70  | 82  | 102 | 143 | 161 | 186 | 224 | 282  | 391  | 438  | 522  | 596  | 746  | 839  |      |  |
|                           | 750            | 6.7            |                                             | 10 | 14   | 18   | 24  | 29  | 42  | 53  | 62  | 76  | 107 | 121 | 140 | 168 | 210  | 242  | 295  | 330  | 393  | 449  | 561  | 631  |  |
| 125                       | 1500           | 12             |                                             |    | 26   | 32   | 43  | 54  | 75  | 94  | 111 | 137 | 192 | 217 | 251 | 302 | 377  | 434  | 528  | 591  | 704  | 804  | 1005 | 1131 |  |
|                           | 1000           | 8              |                                             |    | 17   | 21   | 28  | 36  | 50  | 63  | 74  | 91  | 128 | 145 | 168 | 201 | 251  | 289  | 352  | 394  | 469  | 536  | 670  | 754  |  |
|                           | 750            | 6              |                                             |    | 13   | 16   | 21  | 27  | 38  | 47  | 55  | 68  | 96  | 109 | 126 | 151 | 188  | 217  | 264  | 295  | 352  | 402  | 503  | 565  |  |
| 140                       | 1500           | 10.7           |                                             |    | 23   | 29   | 38  | 48  | 67  | 84  | 99  | 122 | 171 | 194 | 224 | 269 | 336  | 387  | 471  | 527  | 627  | 717  | 896  | 1008 |  |
|                           | 1000           | 7.1            |                                             |    | 15   | 19   | 25  | 32  | 45  | 56  | 65  | 81  | 114 | 129 | 149 | 178 | 223  | 256  | 312  | 349  | 416  | 476  | 595  | 669  |  |
|                           | 750            | 5.4            |                                             |    | 12   | 14   | 19  | 24  | 34  | 42  | 50  | 62  | 87  | 98  | 113 | 136 | 170  | 195  | 237  | 266  | 317  | 362  | 452  | 509  |  |
| 160                       | 1500           | 9.4            |                                             |    | 20   | 25   | 33  | 42  | 59  | 74  | 87  | 107 | 151 | 170 | 197 | 236 | 295  | 340  | 413  | 463  | 551  | 630  | 787  | 886  |  |
|                           | 1000           | 6.3            |                                             |    | 14   | 17   | 22  | 28  | 40  | 49  | 58  | 72  | 101 | 114 | 132 | 158 | 198  | 228  | 277  | 310  | 369  | 422  | 528  | 594  |  |
|                           | 750            | 4.7            |                                             |    | 10   | 13   | 17  | 21  | 30  | 37  | 43  | 54  | 75  | 85  | 98  | 118 | 148  | 170  | 207  | 231  | 276  | 315  | 394  | 443  |  |
| 180                       | 1500           | 8.3            |                                             |    | 18   | 22   | 30  | 37  | 52  | 65  | 76  | 95  | 133 | 150 | 174 | 209 | 261  | 300  | 365  | 408  | 487  | 556  | 695  | 782  |  |
|                           | 1000           | 5.6            |                                             |    | 12   | 15   | 20  | 25  | 35  | 44  | 52  | 64  | 90  | 101 | 117 | 141 | 176  | 202  | 246  | 276  | 328  | 375  | 469  | 528  |  |
|                           | 750            | 4.2            |                                             |    | 9.0  | 11   | 15  | 19  | 26  | 33  | 39  | 48  | 67  | 76  | 88  | 106 | 132  | 152  | 185  | 207  | 264  | 281  | 352  | 396  |  |
| 200                       | 1500           | 7.5            |                                             |    | 16   | 20   | 27  | 34  | 47  | 59  | 69  | 86  | 120 | 136 | 157 | 188 | 236  | 271  | 330  | 369  | 440  | 503  | 628  | 707  |  |
|                           | 1000           | 5              |                                             |    | 11   | 13   | 18  | 23  | 31  | 39  | 46  | 57  | 80  | 91  | 105 | 126 | 157  | 181  | 220  | 246  | 293  | 335  | 419  | 471  |  |
|                           | 750            | 3.8            |                                             |    | 8.2  | 10   | 14  | 17  | 24  | 30  | 35  | 43  | 61  | 69  | 80  | 95  | 119  | 137  | 167  | 187  | 223  | 255  | 318  | 358  |  |
| 224                       | 1500           | 6.7            |                                             |    | 14   | 18   | 24  | 30  | 42  | 53  | 62  | 76  | 107 | 121 | 140 | 168 | 210  | 242  | 295  | 330  | 393  | 449  | 561  | 631  |  |
|                           | 1000           | 4.5            |                                             |    | 10   | 12   | 16  | 20  | 28  | 35  | 41  | 51  | 72  | 82  | 94  | 113 | 141  | 163  | 198  | 221  | 264  | 302  | 377  | 424  |  |
|                           | 750            | 3.3            |                                             |    | 7.1  | 8.8  | 12  | 15  | 21  | 26  | 30  | 38  | 53  | 60  | 69  | 83  | 104  | 119  | 145  | 162  | 194  | 221  | 276  | 311  |  |
| 250                       | 1500           | 6              |                                             |    | 13   | 16   | 21  | 27  | 38  | 47  | 55  | 68  | 96  | 109 | 126 | 151 | 188  | 217  | 264  | 295  | 352  | 402  | 503  | 565  |  |
|                           | 1000           | 4              |                                             |    | 8.6  | 11   | 14  | 18  | 25  | 31  | 37  | 46  | 64  | 72  | 84  | 101 | 126  | 145  | 176  | 197  | 235  | 268  | 335  | 377  |  |
|                           | 750            | 3              |                                             |    | 6.4  | 8.0  | 11  | 14  | 19  | 24  | 28  | 34  | 48  | 54  | 63  | 75  | 94   | 108  | 132  | 148  | 176  | 201  | 251  | 283  |  |
| 280                       | 1500           | 5.4            |                                             |    | 12   | 14   | 19  | 24  | 34  | 42  | 50  | 62  | 87  | 98  | 113 | 136 | 170  | 195  | 237  | 266  | 317  | 362  | 452  | 509  |  |
|                           | 1000           | 3.6            |                                             |    | 7.7  | 9.6  | 13  | 16  | 23  | 28  | 33  | 41  | 58  | 65  | 75  | 90  | 113  | 130  | 158  | 177  | 211  | 241  | 302  | 339  |  |
|                           | 750            | 2.7            |                                             |    | 5.8  | 7.2  | 10  | 12  | 17  | 21  | 25  | 31  | 43  | 49  | 57  | 68  | 85   | 98   | 119  | 133  | 158  | 181  | 226  | 254  |  |
| 315                       | 1500           | 4.8            |                                             |    | 10.3 | 13   | 17  | 22  | 30  | 38  | 44  | 55  | 77  | 87  | 101 | 121 | 151  | 173  | 211  | 236  | 281  | 322  | 402  | 452  |  |
|                           | 1000           | 3.2            |                                             |    | 7    | 8.5  | 11  | 14  | 20  | 25  | 29  | 37  | 51  | 58  | 67  | 80  | 101  | 116  | 141  | 157  | 188  | 214  | 268  | 302  |  |
|                           | 750            | 2.4            |                                             |    | 5.2  | 6.4  | 8.5 | 11  | 15  | 19  | 22  | 27  | 38  | 43  | 50  | 60  | 75   | 87   | 106  | 118  | 141  | 161  | 201  | 226  |  |
| 355                       | 1500           | 4.2            |                                             |    | 8.6  | 11   | 15  | 19  | 26  | 33  | 39  | 48  | 62  | 76  | 84  | 106 | 128  | 152  | 180  | 207  | 246  | 281  | 352  | 396  |  |
|                           | 1000           | 2.8            |                                             |    | 5.7  | 7.5  | 9.7 | 13  | 17  | 22  | 26  | 32  | 41  | 51  | 56  | 70  | 85   | 101  | 120  | 138  | 164  | 188  | 235  | 264  |  |
|                           | 750            | 2.1            |                                             |    | 4.3  | 5.6  | 7.3 | 9.5 | 13  | 16  | 19  | 24  | 31  | 38  | 42  | 53  | 64   | 76   | 90   | 103  | 123  | 141  | 176  | 198  |  |
| 400                       | 1500           | 3.8            |                                             |    |      | 10.1 |     | 17  |     | 30  |     | 43  |     | 63  |     | 89  |      | 133  |      | 185  |      | 255  |      | 358  |  |
|                           | 1000           | 2.5            |                                             |    |      |      |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |  |

平行轴减速机 Helical Reductors

热容量 Thermal Capacities

类型 H3., H4... Type H3., H4...

规格 5...26 Sizes 5...26

| 热容量Pg Thermal Capacities Pg in kW |     |                                                                                                                                                                                                                                 |      |      |      |      |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |
|-----------------------------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| in                                |     | 减速机规格 Reductors sizes                                                                                                                                                                                                           |      |      |      |      |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |
|                                   |     | 5                                                                                                                                                                                                                               | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  |
|                                   |     | 热容量PG(单位为KW)取决于冷却方式: PG1: 无辅助冷却装置; PG2:带冷却风扇; PG3: 带冷却盘管; PG4: 带风扇和冷却盘管。<br>Thermal capacity PG(in KW)dependent on kind of cooling;<br>Pg1 without auxiliary cooling.PG2:fan cooling,PG3:cooling coil,PG4:fan and cooling coil. |      |      |      |      |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |
| 40                                | PG1 | 48.1                                                                                                                                                                                                                            | 56.6 | 74.6 | 86.8 | 101  | 110  | 149  | 180  | 204  | 236  | 284 | 304 | 300 | 322 | 390 | 416 | 517 | 537 | 754 | 784 | 902 | 938 |
|                                   | PG2 | 58.3                                                                                                                                                                                                                            | 68.6 | 92.8 | 107  | 127  | 137  | 190  | 228  | 251  | 291  | 371 | 398 | 382 | 409 |     |     |     |     |     |     |     |     |
|                                   | PG3 | 79.3                                                                                                                                                                                                                            | 92.4 | 132  | 151  | 191  | 248  | 312  | 359  | 403  | 467  | 639 | 686 | 641 | 683 |     |     |     |     |     |     |     |     |
|                                   | PG4 | 88.6                                                                                                                                                                                                                            | 103  | 149  | 170  | 214  | 272  | 349  | 402  | 446  | 517  | 717 | 770 | 711 | 760 |     |     |     |     |     |     |     |     |
| 45                                | PG1 | 46.0                                                                                                                                                                                                                            | 54.9 | 71.8 | 84.1 | 97.2 | 107  | 148  | 173  | 195  | 227  | 282 | 293 | 297 | 309 | 386 | 401 | 501 | 524 | 745 | 775 | 891 | 927 |
|                                   | PG2 | 55.7                                                                                                                                                                                                                            | 66.2 | 89   | 104  | 121  | 133  | 189  | 219  | 240  | 280  | 368 | 381 | 377 | 392 |     |     |     |     |     |     |     |     |
|                                   | PG3 | 74.9                                                                                                                                                                                                                            | 88.3 | 126  | 145  | 181  | 238  | 305  | 341  | 379  | 444  | 626 | 648 | 627 | 644 |     |     |     |     |     |     |     |     |
|                                   | PG4 | 83.8                                                                                                                                                                                                                            | 98.7 | 142  | 163  | 203  | 261  | 342  | 382  | 419  | 491  | 702 | 725 | 695 | 716 |     |     |     |     |     |     |     |     |
| 50                                | PG1 | 44.4                                                                                                                                                                                                                            | 51.7 | 67.6 | 79.8 | 94.9 | 101  | 145  | 166  | 191  | 219  | 281 | 291 | 292 | 306 | 379 | 395 | 500 | 508 | 736 | 765 | 880 | 915 |
|                                   | PG2 | 53.6                                                                                                                                                                                                                            | 62.2 | 83.7 | 98.0 | 118  | 125  | 184  | 210  | 233  | 269  | 362 | 378 | 368 | 386 |     |     |     |     |     |     |     |     |
|                                   | PG3 | 72.3                                                                                                                                                                                                                            | 82.0 | 118  | 136  | 177  | 221  | 299  | 322  | 369  | 419  | 619 | 634 | 613 | 628 |     |     |     |     |     |     |     |     |
|                                   | PG4 | 80.9                                                                                                                                                                                                                            | 91.7 | 133  | 152  | 197  | 242  | 334  | 360  | 408  | 465  | 691 | 710 | 681 | 701 |     |     |     |     |     |     |     |     |
| 56                                | PG1 | 42.1                                                                                                                                                                                                                            | 49.6 | 64.4 | 76.7 | 90.3 | 97.0 | 134  | 165  | 184  | 209  | 267 | 289 | 278 | 300 | 362 | 388 | 477 | 506 | 720 | 749 | 861 | 895 |
|                                   | PG2 | 50.7                                                                                                                                                                                                                            | 59.5 | 79.4 | 94.1 | 112  | 120  | 170  | 208  | 225  | 256  | 343 | 371 | 350 | 377 |     |     |     |     |     |     |     |     |
|                                   | PG3 | 67.9                                                                                                                                                                                                                            | 77.6 | 111  | 129  | 165  | 209  | 271  | 315  | 349  | 394  | 577 | 626 | 574 | 617 |     |     |     |     |     |     |     |     |
|                                   | PG4 | 75.6                                                                                                                                                                                                                            | 86.9 | 125  | 145  | 185  | 229  | 302  | 353  | 386  | 437  | 645 | 698 | 636 | 684 |     |     |     |     |     |     |     |     |
| 63                                | PG1 | 39.6                                                                                                                                                                                                                            | 47.7 | 60.0 | 72.4 | 85.3 | 94.7 | 127  | 161  | 174  | 204  | 252 | 275 | 262 | 286 | 338 | 371 | 456 | 482 | 697 | 724 | 834 | 867 |
|                                   | PG2 | 47.6                                                                                                                                                                                                                            | 57.1 | 73.8 | 88.5 | 105  | 116  | 160  | 202  | 212  | 249  | 323 | 353 | 329 | 357 |     |     |     |     |     |     |     |     |
|                                   | PG3 | 62.9                                                                                                                                                                                                                            | 74.9 | 102  | 121  | 153  | 204  | 251  | 309  | 325  | 384  | 533 | 582 | 530 | 576 |     |     |     |     |     |     |     |     |
|                                   | PG4 | 70.2                                                                                                                                                                                                                            | 83.8 | 114  | 136  | 172  | 224  | 280  | 345  | 359  | 425  | 596 | 653 | 589 | 640 |     |     |     |     |     |     |     |     |
| 71                                | PG1 | 39.2                                                                                                                                                                                                                            | 45.2 | 58.2 | 68.9 | 83.4 | 90.1 | 124  | 150  | 169  | 197  | 245 | 260 | 252 | 270 | 333 | 346 | 431 | 461 | 669 | 696 | 800 | 832 |
|                                   | PG2 | 47.0                                                                                                                                                                                                                            | 54.0 | 71.3 | 84.1 | 103  | 111  | 155  | 187  | 205  | 239  | 313 | 332 | 315 | 337 |     |     |     |     |     |     |     |     |
|                                   | PG3 | 62.2                                                                                                                                                                                                                            | 70.2 | 97.9 | 113  | 150  | 191  | 242  | 279  | 310  | 364  | 513 | 540 | 507 | 534 |     |     |     |     |     |     |     |     |
|                                   | PG4 | 69.4                                                                                                                                                                                                                            | 78.3 | 110  | 127  | 167  | 209  | 270  | 312  | 343  | 403  | 573 | 604 | 564 | 592 |     |     |     |     |     |     |     |     |
| 80                                | PG1 | 37.2                                                                                                                                                                                                                            | 42.6 | 56.8 | 64.3 | 78.9 | 85.1 | 117  | 141  | 164  | 186  | 236 | 252 | 242 | 259 | 315 | 341 | 411 | 435 | 655 | 681 | 783 | 814 |
|                                   | PG2 | 44.5                                                                                                                                                                                                                            | 50.6 | 69.6 | 78.2 | 96.8 | 104  | 146  | 176  | 199  | 226  | 300 | 321 | 302 | 323 |     |     |     |     |     |     |     |     |
|                                   | PG3 | 57.8                                                                                                                                                                                                                            | 65.2 | 94.2 | 104  | 139  | 177  | 223  | 259  | 299  | 338  | 484 | 519 | 479 | 511 |     |     |     |     |     |     |     |     |
|                                   | PG4 | 64.6                                                                                                                                                                                                                            | 72.8 | 106  | 117  | 156  | 194  | 250  | 290  | 330  | 375  | 542 | 580 | 532 | 567 |     |     |     |     |     |     |     |     |
| 90                                | PG1 | 36.7                                                                                                                                                                                                                            | 42.2 | 53.7 | 62.2 | 74.9 | 83.0 | 113  | 138  | 153  | 180  | 222 | 243 | 228 | 248 | 299 | 322 | 399 | 415 | 627 | 652 | 750 | 780 |
|                                   | PG2 | 43.9                                                                                                                                                                                                                            | 50.2 | 65.7 | 75.4 | 91.8 | 101  | 141  | 171  | 186  | 218  | 282 | 308 | 284 | 309 |     |     |     |     |     |     |     |     |
|                                   | PG3 | 56.2                                                                                                                                                                                                                            | 64.6 | 87.1 | 100  | 129  | 173  | 214  | 250  | 274  | 323  | 448 | 490 | 443 | 483 |     |     |     |     |     |     |     |     |
|                                   | PG4 | 63.0                                                                                                                                                                                                                            | 72.1 | 98.3 | 113  | 145  | 189  | 240  | 280  | 304  | 357  | 501 | 549 | 493 | 537 |     |     |     |     |     |     |     |     |
| 100                               | PG1 |                                                                                                                                                                                                                                 | 40.0 | 48.1 | 60.9 | 67.1 | 78.8 | 99.5 | 130  | 133  | 175  | 179 | 228 | 201 | 234 | 282 | 306 | 388 | 403 | 509 | 632 | 611 | 756 |
|                                   | PG2 |                                                                                                                                                                                                                                 | 47.5 |      | 73.8 |      | 95.9 |      | 161  |      | 212  |     | 289 |     | 290 |     |     |     |     |     |     |     |     |
|                                   | PG3 |                                                                                                                                                                                                                                 | 60.0 |      | 96.7 |      | 161  |      | 231  |      | 311  |     | 453 |     | 447 |     |     |     |     |     |     |     |     |
|                                   | PG4 |                                                                                                                                                                                                                                 | 67.2 |      | 109  |      | 176  |      | 259  |      | 344  |     | 507 |     | 497 |     |     |     |     |     |     |     |     |
| 112                               | PG1 |                                                                                                                                                                                                                                 | 39.5 | 46.3 | 57.6 | 64.2 | 74.9 | 98.7 | 126  | 130  | 164  | 171 | 184 | 192 | 206 | 270 | 289 | 379 | 392 | 498 | 518 | 596 | 620 |
|                                   | PG2 |                                                                                                                                                                                                                                 | 47.0 |      | 69.8 |      | 91.2 |      | 156  |      | 198  |     |     |     |     |     |     |     |     |     |     |     |     |
|                                   | PG3 |                                                                                                                                                                                                                                 | 58.5 |      | 89.6 |      | 149  |      | 222  |      | 286  |     |     |     |     |     |     |     |     |     |     |     |     |
|                                   | PG4 |                                                                                                                                                                                                                                 | 65.5 |      | 101  |      | 164  |      | 249  |      | 317  |     |     |     |     |     |     |     |     |     |     |     |     |
| 125                               | PG1 |                                                                                                                                                                                                                                 |      | 44.9 | 51.6 | 62.1 | 67.3 | 94.6 | 110  | 126  | 142  | 165 | 177 | 185 | 197 | 261 | 276 | 367 | 383 | 488 | 508 | 584 | 607 |
| 140                               | PG1 |                                                                                                                                                                                                                                 |      | 42.6 | 49.5 | 60.1 | 64.4 | 91.5 | 109  | 122  | 138  | 159 | 170 | 178 | 190 | 251 | 267 | 347 | 371 | 475 | 494 | 568 | 591 |
| 160                               | PG1 |                                                                                                                                                                                                                                 |      | 41.0 | 48.0 | 56.8 | 62.4 | 87.0 | 105  | 115  | 134  | 153 | 164 | 171 | 183 | 241 | 257 | 333 | 351 | 455 | 473 | 544 | 566 |
| 180                               | PG1 |                                                                                                                                                                                                                                 |      | 39.4 | 45.6 | 54.4 | 60.4 | 83.9 | 101  | 111  | 130  | 150 | 157 | 167 | 175 | 230 | 247 | 328 | 336 | 439 | 457 | 525 | 546 |
| 200                               | PG1 |                                                                                                                                                                                                                                 |      | 37.9 | 43.9 | 52.6 | 57.0 | 79.2 | 96.4 | 108  | 123  | 146 | 154 | 161 | 172 | 222 | 236 | 309 | 331 | 432 | 449 | 516 | 537 |
| 224                               | PG1 |                                                                                                                                                                                                                                 |      | 35.7 | 42.0 | 50.5 | 54.6 | 75.9 | 92.8 | 103  | 118  | 136 | 150 | 150 | 166 | 213 | 227 | 295 | 312 | 428 | 445 | 512 | 532 |
| 250                               | PG1 |                                                                                                                                                                                                                                 |      | 34.1 | 40.7 | 48.2 | 53.0 | 72.1 | 87.6 | 98.0 | 115  | 129 | 139 | 143 | 155 | 202 | 218 | 279 | 297 | 409 | 425 | 489 | 509 |
| 280                               | PG1 |                                                                                                                                                                                                                                 |      | 33.1 | 38.2 | 46.8 | 50.8 | 69.4 | 84.3 | 94.9 | 109  | 125 | 132 | 139 | 147 | 194 | 207 | 268 | 281 | 388 | 404 | 467 | 486 |
| 315                               | PG1 |                                                                                                                                                                                                                                 |      | 32.4 | 36.6 | 44.6 | 48.5 | 67.7 | 79.9 | 91.0 | 105  | 119 | 128 | 133 | 143 | 190 | 199 | 257 | 270 | 374 | 389 | 447 | 465 |
| 355                               | PG1 |                                                                                                                                                                                                                                 |      | 30.9 | 35.5 | 43.8 | 47.1 | 64.4 | 76.9 | 86.8 | 101  | 117 | 123 | 130 | 137 | 181 | 195 | 245 | 260 | 363 | 378 | 435 | 452 |
| 400                               | PG1 |                                                                                                                                                                                                                                 |      |      | 34.8 |      | 44.9 |      | 75.1 |      | 97.1 |     | 120 |     | 134 |     | 185 |     | 248 |     | 359 |     | 429 |
| 450                               | PG1 |                                                                                                                                                                                                                                 |      |      | 33.1 |      | 44.1 |      | 71.4 |      | 92.6 |     |     |     |     |     |     |     |     |     |     |     |     |



# 直交轴减速机 Bevel-helical Reductors

# 额定功率 Nominal Power Ratings

类型 B2.., B3... Type B2.., B3...

规格 1...26 Sizes 1...26

| 额定功率 Nominal power ratings |       |     |                       |     |      |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------------------|-------|-----|-----------------------|-----|------|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| in                         | n1    | n2  | 减速机规格 Reductors sizes |     |      |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                            |       |     | 1                     | 2   | 3    | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   |
|                            | 1/min |     |                       |     |      |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 5                          | 1500  | 300 | 36                    | 63  | 97   | 182 | 295 |     | 559 |     | 880 |     | 1351 |      | 2073 |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                            | 1000  | 200 | 24                    | 42  | 65   | 121 | 197 |     | 373 |     | 586 |     | 901  |      | 1382 |      | 2555 |      |      |      |      |      |      |      |      |      |      |      |
|                            | 750   | 150 | 18                    | 31  | 49   | 91  | 148 |     | 280 |     | 440 |     | 675  |      | 1037 |      | 1916 |      |      |      |      |      |      |      |      |      |      |      |
| 5.6                        | 1500  | 268 | 32                    | 56  | 87   | 163 | 264 |     | 500 |     | 786 |     | 1263 |      | 1880 |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                            | 1000  | 179 | 22                    | 37  | 58   | 109 | 176 |     | 334 |     | 525 |     | 843  |      | 1256 |      | 2287 |      |      |      |      |      |      |      |      |      |      |      |
|                            | 750   | 134 | 16                    | 28  | 43   | 81  | 132 |     | 250 |     | 393 |     | 631  |      | 940  |      | 1712 | 1894 | 2736 |      |      |      |      |      |      |      |      |      |
| 6.3                        | 1500  | 238 | 29                    | 50  | 77   | 145 | 234 | 299 | 444 | 556 | 698 | 887 | 1171 | 1371 | 1769 | 2044 |      |      |      |      |      |      |      |      |      |      |      |      |
|                            | 1000  | 159 | 19                    | 33  | 52   | 97  | 157 | 200 | 296 | 371 | 466 | 593 | 783  | 916  | 1182 | 1365 | 2164 | 2348 |      |      |      |      |      |      |      |      |      |      |
|                            | 750   | 119 | 14                    | 25  | 39   | 72  | 117 | 150 | 222 | 278 | 349 | 444 | 586  | 685  | 885  | 1022 | 1620 | 1757 | 2430 |      |      |      |      |      |      |      |      |      |
| 7.1                        | 1500  | 211 | 25                    | 44  | 68   | 128 | 208 | 265 | 393 | 493 | 619 | 787 | 1083 | 1259 | 1613 | 1856 |      |      |      |      |      |      |      |      |      |      |      |      |
|                            | 1000  | 141 | 17                    | 30  | 46   | 86  | 139 | 177 | 263 | 329 | 413 | 526 | 723  | 842  | 1078 | 1240 | 1949 | 2141 | 2879 |      |      |      |      |      |      |      |      |      |
|                            | 750   | 106 | 13                    | 22  | 34   | 64  | 104 | 133 | 198 | 248 | 311 | 395 | 544  | 633  | 810  | 932  | 1465 | 1609 | 2164 | 2553 |      |      |      |      |      |      |      |      |
| 8                          | 1500  | 188 | 23                    | 39  | 61   | 114 | 185 | 236 | 350 | 439 | 551 | 701 | 994  | 1161 | 1516 | 1732 | 2598 |      |      |      |      |      |      |      |      |      |      |      |
|                            | 1000  | 125 | 15                    | 26  | 41   | 76  | 123 | 157 | 233 | 292 | 366 | 466 | 661  | 772  | 1008 | 1152 | 1728 | 1937 | 2552 |      |      |      |      |      |      |      |      |      |
|                            | 750   | 94  | 11                    | 20  | 31   | 57  | 93  | 118 | 175 | 219 | 276 | 350 | 497  | 581  | 758  | 866  | 1299 | 1457 | 1919 | 2264 |      |      |      |      |      |      |      |      |
| 9                          | 1500  | 167 | 20                    | 35  | 54   | 101 | 164 | 210 | 311 | 390 | 490 | 623 | 883  | 1067 | 1364 | 1591 | 2309 | 2588 |      |      |      |      |      |      |      |      |      |      |
|                            | 1000  | 111 | 13                    | 23  | 36   | 67  | 109 | 139 | 207 | 259 | 325 | 414 | 587  | 709  | 907  | 1058 | 1534 | 1720 | 2266 | 2673 |      |      |      |      |      |      |      |      |
|                            | 750   | 83  | 10                    | 17  | 27   | 50  | 82  | 104 | 155 | 194 | 243 | 309 | 439  | 530  | 678  | 791  | 1147 | 1286 | 1695 | 1999 |      |      |      |      |      |      |      |      |
| 10                         | 1500  | 150 | 18                    | 31  | 49   | 91  | 148 | 188 | 280 | 350 | 440 | 559 | 793  | 974  | 1225 | 1492 | 2073 | 2325 |      |      |      |      |      |      |      |      |      |      |
|                            | 1000  | 100 | 12                    | 21  | 32   | 61  | 98  | 126 | 186 | 234 | 293 | 373 | 529  | 649  | 817  | 995  | 1382 | 1550 | 2042 | 2408 |      |      |      |      |      |      |      |      |
|                            | 750   | 75  | 9                     | 16  | 24   | 46  | 74  | 94  | 140 | 175 | 220 | 280 | 397  | 487  | 613  | 746  | 1037 | 1162 | 1531 | 1806 |      |      |      |      |      |      |      |      |
| 11.2                       | 1500  | 134 | 16                    | 28  | 43   | 81  | 132 | 168 | 250 | 313 | 393 | 500 | 709  | 870  | 1094 | 1368 | 1852 | 2077 |      |      |      |      |      |      |      |      |      |      |
|                            | 1000  | 89  | 11                    | 19  | 29   | 54  | 88  | 112 | 166 | 208 | 261 | 332 | 471  | 578  | 727  | 909  | 1230 | 1379 | 1817 | 2143 |      |      |      |      |      |      |      |      |
|                            | 750   | 67  | 8.1                   | 14  | 22   | 41  | 66  | 84  | 125 | 156 | 196 | 250 | 354  | 435  | 547  | 684  | 926  | 1038 | 1368 | 1614 |      |      |      |      |      |      |      |      |
| 12.5                       | 1500  | 120 | 14                    | 25  | 39   | 69  | 118 | 151 | 214 | 280 | 352 | 447 | 635  | 779  | 980  | 1225 | 1659 | 1860 | 2450 |      |      |      |      |      |      |      |      |      |
|                            | 1000  | 80  | 10                    | 17  | 26   | 46  | 79  | 101 | 142 | 187 | 235 | 298 | 423  | 519  | 653  | 817  | 1106 | 1240 | 1634 | 1927 | 2094 |      |      |      |      |      |      |      |
|                            | 750   | 60  | 7.2                   | 13  | 19   | 35  | 59  | 75  | 107 | 140 | 176 | 224 | 317  | 390  | 490  | 613  | 829  | 930  | 1225 | 1445 | 1571 |      |      |      |      |      |      |      |
| 14                         | 1500  | 107 | 13                    | 22  | 35   | 67  | 110 | 134 | 204 | 250 | 331 | 399 | 594  | 695  | 896  | 1092 | 1535 | 1658 | 2185 | 2577 |      |      |      |      |      |      |      |      |
|                            | 1000  | 71  | 8.5                   | 15  | 23   | 45  | 73  | 89  | 135 | 166 | 219 | 265 | 394  | 461  | 595  | 725  | 1019 | 1100 | 1450 | 1710 | 1948 | 2193 | 2676 |      |      |      |      |      |
|                            | 750   | 54  | 6.5                   | 11  | 18   | 34  | 55  | 68  | 103 | 126 | 167 | 201 | 300  | 351  | 452  | 551  | 775  | 837  | 1103 | 1301 | 1481 | 1668 | 2036 | 2290 |      |      |      |      |
| 16                         | 1500  | 94  | 11                    | 19  | 31   | 61  | 100 | 118 | 188 | 212 | 305 | 350 | 551  | 610  | 817  | 960  | 1398 | 1516 | 1969 | 2264 |      |      |      |      |      |      |      |      |
|                            | 1000  | 63  | 7.3                   | 13  | 20   | 41  | 67  | 79  | 126 | 142 | 205 | 235 | 369  | 409  | 548  | 643  | 937  | 1016 | 1319 | 1517 | 1814 | 2032 | 2507 | 2784 |      |      |      |      |
|                            | 750   | 47  | 5.4                   | 9.6 | 15   | 31  | 50  | 59  | 94  | 106 | 153 | 175 | 276  | 305  | 408  | 480  | 699  | 758  | 984  | 1132 | 1353 | 1516 | 1870 | 2077 |      |      |      |      |
| 18                         | 1500  | 83  | 9                     | 16  | 26   | 56  | 92  | 110 | 172 | 201 | 282 | 326 | 504  | 565  | 739  | 869  | 1286 | 1391 | 1738 | 2086 |      |      |      |      |      |      |      |      |
|                            | 1000  | 56  | 6                     | 11  | 18   | 38  | 62  | 74  | 116 | 135 | 191 | 220 | 340  | 381  | 498  | 586  | 868  | 938  | 1173 | 1407 | 1689 | 1876 | 2346 | 2568 |      |      |      |      |
|                            | 750   | 42  | 4.5                   | 7.9 | 13   | 28  | 47  | 55  | 87  | 102 | 143 | 165 | 255  | 286  | 374  | 440  | 651  | 704  | 880  | 1055 | 1267 | 1407 | 1759 | 1926 |      |      |      |      |
| 20                         | 1500  | 75  |                       |     | 28   | 52  | 86  | 104 | 161 | 188 | 267 | 309 | 471  | 534  | 691  | 809  | 1202 | 1312 | 1571 | 1885 |      |      |      |      |      |      |      |      |
|                            | 1000  | 50  |                       |     | 19   | 35  | 58  | 69  | 107 | 125 | 178 | 206 | 314  | 356  | 461  | 539  | 801  | 874  | 1047 | 1257 | 1571 | 1738 | 2199 | 2382 | 2932 |      |      |      |
|                            | 750   | 38  |                       |     | 14   | 26  | 44  | 53  | 82  | 95  | 135 | 156 | 239  | 271  | 350  | 410  | 609  | 665  | 796  | 955  | 1194 | 1321 | 1671 | 1810 | 2228 |      |      |      |
| 22.4                       | 1500  | 67  |                       |     | 25   | 46  | 77  | 97  | 144 | 174 | 239 | 288 | 421  | 505  | 617  | 744  | 1073 | 1214 | 1403 | 1684 | 2105 | 2420 |      |      |      |      |      |      |
|                            | 1000  | 45  |                       |     | 17   | 31  | 52  | 65  | 97  | 117 | 160 | 193 | 283  | 339  | 415  | 499  | 721  | 815  | 942  | 1131 | 1414 | 1626 | 1979 | 2215 | 2639 | 3015 |      |      |
|                            | 750   | 33  |                       |     | 12   | 23  | 38  | 48  | 71  | 86  | 117 | 142 | 207  | 249  | 304  | 366  | 529  | 598  | 691  | 829  | 1037 | 1192 | 1451 | 1624 | 1935 | 2212 | 2764 |      |
| 25                         | 1500  | 60  |                       |     | 23   | 41  | 69  | 91  | 129 | 160 | 214 | 270 | 377  | 471  | 553  | 685  | 961  | 1087 | 1257 | 1508 | 1885 | 2168 |      |      |      |      |      |      |
|                            | 1000  | 40  |                       |     | 15   | 28  | 46  | 61  | 86  | 107 | 142 | 180 | 251  | 314  | 369  | 457  | 641  | 725  | 838  | 1005 | 1257 | 1445 | 1759 | 1969 | 2346 | 2681 |      |      |
|                            | 750   | 30  |                       |     | 11   | 21  | 35  | 46  | 64  | 80  | 107 | 135 | 188  | 236  | 276  | 342  | 481  | 543  | 628  | 754  | 942  | 1084 | 1319 | 1476 | 1759 | 2010 | 2513 | 2827 |
| 28                         | 1500  | 54  |                       |     | 20   | 37  | 62  | 82  | 116 | 144 | 192 | 243 | 339  | 424  | 498  | 616  | 865  | 978  | 1131 | 1357 | 1696 | 1950 | 2375 |      |      |      |      |      |
|                            | 1000  | 36  |                       |     | 14   | 25  | 41  | 55  | 77  | 96  | 128 | 162 | 226  | 283  | 332  | 411  | 577  | 652  | 754  | 905  | 1131 | 1301 | 1583 | 1772 | 2111 | 2413 | 3016 |      |
|                            | 750   | 27  |                       |     | 10.2 | 19  | 31  | 41  | 58  | 72  | 96  | 122 | 170  | 212  | 249  | 308  | 433  | 489  | 565  | 679  | 848  | 975  | 1187 | 1329 | 1583 | 1809 | 2262 | 2545 |

卧式安装减速机要采用强制润滑 Forced lubrication required on horizontal reducers

直交轴减速机 Bevel-helical Reductors

热容量 Thermal Capacities

类型 B2.., B3... Type B2.., B3...

规格 1...26 Sizes 1...26

| 热容量PG Thermal Capacities PG in kW |     |                                                                                                                                                                                                                              |      |      |      |      |      |      |      |     |     |     |      |      |      |      |      |      |      |     |     |     |     |     |      |      |    |  |
|-----------------------------------|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|------|------|----|--|
| iN                                |     | 减速机规格 Reductors sizes                                                                                                                                                                                                        |      |      |      |      |      |      |      |     |     |     |      |      |      |      |      |      |      |     |     |     |     |     |      |      |    |  |
|                                   |     | 1                                                                                                                                                                                                                            | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9   | 10  | 11  | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19  | 20  | 21  | 22  | 23  | 24   | 25   | 26 |  |
|                                   |     | 热容量PG(单位为KW)取决于冷却方式: PG1: 无辅助冷却装置; PG2:带冷却风扇; PG3: 带冷却盘管; PG4: 带风扇和冷却盘管 。<br>Thermal capacity PG(in KW)dependent on kind of cooling;PG1 without auxiliary cooling,PG2:fan cooling,PG3:cooling coil,PG4:fan and cooling coil. |      |      |      |      |      |      |      |     |     |     |      |      |      |      |      |      |      |     |     |     |     |     |      |      |    |  |
| 5                                 | PG1 | 34.9                                                                                                                                                                                                                         | 45.6 | 59.7 | 66.3 | 86.9 |      | 122  |      | 150 |     | 233 |      | 286  |      | 330  |      |      |      |     |     |     |     |     |      |      |    |  |
|                                   | PG2 | 38.1                                                                                                                                                                                                                         | 50.6 | 73.1 | 101  | 140  |      | 223  |      | 272 |     | 458 |      | 662  |      | 797  |      |      |      |     |     |     |     |     |      |      |    |  |
|                                   | PG3 | 41.1                                                                                                                                                                                                                         | 59.2 | 109  | 135  | 202  |      | 313  |      | 391 |     | 664 |      | 1318 |      | 1786 |      |      |      |     |     |     |     |     |      |      |    |  |
|                                   | PG4 | 45.0                                                                                                                                                                                                                         | 67.5 | 118  | 166  | 250  |      | 403  |      | 500 |     | 862 |      | 1632 |      | 2158 |      |      |      |     |     |     |     |     |      |      |    |  |
| 5.6                               | PG1 | 33.4                                                                                                                                                                                                                         | 44.0 | 57.6 | 64.1 | 85.2 |      | 117  |      | 144 |     | 233 |      | 295  |      | 349  |      | 328  |      |     |     |     |     |     |      |      |    |  |
|                                   | PG2 | 36.0                                                                                                                                                                                                                         | 48.5 | 70.4 | 96.9 | 137  |      | 209  |      | 256 |     | 446 |      | 653  |      | 789  |      | 862  |      |     |     |     |     |     |      |      |    |  |
|                                   | PG3 | 41.6                                                                                                                                                                                                                         | 58.4 | 104  | 130  | 196  |      | 288  |      | 360 |     | 631 |      | 1264 |      | 1729 |      | 2015 |      |     |     |     |     |     |      |      |    |  |
|                                   | PG4 | 45.0                                                                                                                                                                                                                         | 64.8 | 112  | 160  | 242  |      | 371  |      | 461 |     | 821 |      | 1573 |      | 2084 |      | 2427 |      |     |     |     |     |     |      |      |    |  |
| 6.3                               | PG1 | 32.0                                                                                                                                                                                                                         | 39.7 | 52.2 | 62.4 | 81.9 | 96.5 | 110  | 134  | 137 | 155 | 218 | 277  | 282  | 337  | 351  | 374  | 353  |      |     |     |     |     |     |      |      |    |  |
|                                   | PG2 | 34.7                                                                                                                                                                                                                         | 43.7 | 63.5 | 93.8 | 130  | 152  | 194  | 235  | 240 | 272 | 406 | 516  | 597  | 726  | 752  | 815  | 836  |      |     |     |     |     |     |      |      |    |  |
|                                   | PG3 | 38.1                                                                                                                                                                                                                         | 51.2 | 91.8 | 124  | 182  | 259  | 261  | 381  | 327 | 451 | 555 | 957  | 1110 | 1384 | 1596 | 1748 | 1872 |      |     |     |     |     |     |      |      |    |  |
|                                   | PG4 | 41.0                                                                                                                                                                                                                         | 57.3 | 99.0 | 153  | 225  | 307  | 337  | 471  | 421 | 554 | 723 | 1166 | 1377 | 1712 | 1922 | 2105 | 2262 |      |     |     |     |     |     |      |      |    |  |
| 7.1                               | PG1 | 30.7                                                                                                                                                                                                                         | 39.4 | 51.5 | 58.8 | 77.7 | 94.7 | 104  | 127  | 130 | 148 | 217 | 275  | 284  | 341  | 346  | 372  | 364  | 388  |     |     |     |     |     |      |      |    |  |
|                                   | PG2 | 35.4                                                                                                                                                                                                                         | 43.5 | 62.7 | 87.6 | 122  | 148  | 182  | 221  | 225 | 256 | 397 | 501  | 589  | 712  | 715  | 775  | 804  | 867  |     |     |     |     |     |      |      |    |  |
|                                   | PG3 | 37.0                                                                                                                                                                                                                         | 50.4 | 90.9 | 114  | 168  | 252  | 240  | 350  | 300 | 414 | 535 | 913  | 1076 | 1326 | 1479 | 1613 | 1752 | 1882 |     |     |     |     |     |      |      |    |  |
|                                   | PG4 | 39.0                                                                                                                                                                                                                         | 57.0 | 97.8 | 140  | 208  | 298  | 310  | 433  | 387 | 510 | 697 | 1106 | 1339 | 1649 | 1781 | 1941 | 2109 | 2269 |     |     |     |     |     |      |      |    |  |
| 8                                 | PG1 | 28.5                                                                                                                                                                                                                         | 36.6 | 48.0 | 55.4 | 73.3 | 90.6 | 98.9 | 120  | 124 | 141 | 201 | 254  | 268  | 322  | 330  | 365  | 356  | 393  |     |     |     |     |     |      |      |    |  |
|                                   | PG2 | 31.2                                                                                                                                                                                                                         | 40.2 | 58.2 | 82.1 | 114  | 140  | 171  | 205  | 212 | 240 | 362 | 454  | 539  | 648  | 659  | 736  | 750  | 832  |     |     |     |     |     |      |      |    |  |
|                                   | PG3 | 33.8                                                                                                                                                                                                                         | 48.0 | 83.5 | 105  | 154  | 233  | 222  | 317  | 278 | 376 | 473 | 801  | 959  | 1162 | 1330 | 1501 | 1590 | 1758 |     |     |     |     |     |      |      |    |  |
|                                   | PG4 | 35.8                                                                                                                                                                                                                         | 52.5 | 89.8 | 130  | 192  | 277  | 287  | 393  | 359 | 464 | 619 | 974  | 1190 | 1441 | 1598 | 1802 | 1909 | 2115 |     |     |     |     |     |      |      |    |  |
| 9                                 | PG1 | 25.0                                                                                                                                                                                                                         | 34.2 | 45.8 | 52.7 | 69.6 | 85.8 | 94.6 | 113  | 119 | 134 | 193 | 252  | 260  | 322  | 321  | 347  | 351  | 381  |     |     |     |     |     |      |      |    |  |
|                                   | PG2 | 26.6                                                                                                                                                                                                                         | 37.6 | 55.2 | 77.5 | 108  | 132  | 162  | 192  | 202 | 225 | 345 | 444  | 515  | 638  | 633  | 678  | 723  | 773  |     |     |     |     |     |      |      |    |  |
|                                   | PG3 | 29.9                                                                                                                                                                                                                         | 43.2 | 78.4 | 96.9 | 142  | 214  | 208  | 292  | 262 | 346 | 446 | 776  | 897  | 1130 | 1258 | 1342 | 1512 | 1593 |     |     |     |     |     |      |      |    |  |
|                                   | PG4 | 33.0                                                                                                                                                                                                                         | 48.3 | 84.0 | 120  | 176  | 255  | 270  | 362  | 339 | 428 | 583 | 941  | 1118 | 1403 | 1513 | 1614 | 1815 | 1915 |     |     |     |     |     |      |      |    |  |
| 10                                | PG1 | 22.2                                                                                                                                                                                                                         | 28.6 | 38.4 | 44.3 | 64.6 | 80.6 | 88.6 | 107  | 112 | 127 | 183 | 232  | 249  | 301  | 307  | 337  | 342  | 374  |     |     |     |     |     |      |      |    |  |
|                                   | PG2 | 23.0                                                                                                                                                                                                                         | 31.2 | 46.4 | 64.2 | 98.9 | 123  | 150  | 180  | 189 | 212 | 323 | 403  | 485  | 583  | 591  | 650  | 684  | 745  |     |     |     |     |     |      |      |    |  |
|                                   | PG3 | 25.0                                                                                                                                                                                                                         | 36.0 | 64.3 | 77.4 | 127  | 197  | 189  | 269  | 240 | 319 | 409 | 687  | 830  | 999  | 1148 | 1271 | 1403 | 1516 |     |     |     |     |     |      |      |    |  |
|                                   | PG4 | 26.2                                                                                                                                                                                                                         | 39.8 | 69.1 | 95.9 | 158  | 235  | 246  | 335  | 310 | 395 | 537 | 835  | 1033 | 1244 | 1383 | 1528 | 1684 | 1818 |     |     |     |     |     |      |      |    |  |
| 11.2                              | PG1 | 21.3                                                                                                                                                                                                                         | 27.8 | 37.6 | 42.8 | 57.9 | 76.6 | 79.3 | 102  | 101 | 122 | 164 | 223  | 224  | 290  | 280  | 322  | 315  | 363  |     |     |     |     |     |      |      |    |  |
|                                   | PG2 | 22.1                                                                                                                                                                                                                         | 30.4 | 44.8 | 61.9 | 88.0 | 116  | 133  | 171  | 167 | 202 | 285 | 384  | 431  | 555  | 532  | 608  | 618  | 705  |     |     |     |     |     |      |      |    |  |
|                                   | PG3 | 24.0                                                                                                                                                                                                                         | 34.7 | 62.1 | 73.9 | 111  | 180  | 165  | 252  | 208 | 301 | 354 | 647  | 720  | 934  | 1010 | 1159 | 1243 | 1411 |     |     |     |     |     |      |      |    |  |
|                                   | PG4 | 27.2                                                                                                                                                                                                                         | 38.6 | 66.4 | 91.7 | 138  | 215  | 215  | 314  | 270 | 374 | 465 | 788  | 900  | 1167 | 1221 | 1400 | 1494 | 1688 |     |     |     |     |     |      |      |    |  |
| 12.5                              | PG1 | 20.5                                                                                                                                                                                                                         | 29.4 | 37.3 | 45.0 | 61.1 | 70.9 | 97.2 | 129  | 115 | 183 | 210 | 238  | 277  | 334  | 293  | 377  | 334  |      |     |     |     |     |     |      |      |    |  |
|                                   | PG2 | 21.4                                                                                                                                                                                                                         | 32.0 | 45.1 | 58.5 | 83.0 | 106  | 133  | 159  | 182 | 189 | 288 | 359  | 379  | 522  | 533  | 546  | 684  | 636  |     |     |     |     |     |      |      |    |  |
|                                   | PG3 | 25.9                                                                                                                                                                                                                         | 38.1 | 62.2 | 72.5 | 117  | 160  | 206  | 230  | 305 | 275 | 431 | 593  | 674  | 865  | 1054 | 1019 | 1264 | 1251 |     |     |     |     |     |      |      |    |  |
|                                   | PG4 | 27.5                                                                                                                                                                                                                         | 40.6 | 66.7 | 85.2 | 137  | 192  | 239  | 287  | 353 | 342 | 526 | 724  | 795  | 1078 | 1222 | 1235 | 1518 | 1500 |     |     |     |     |     |      |      |    |  |
| 14                                | PG1 | 19.4                                                                                                                                                                                                                         | 25.6 | 33.3 | 43.7 | 59.2 | 63.4 | 93.9 | 85.8 | 125 | 103 | 180 | 187  | 240  | 248  | 322  | 349  | 363  | 411  |     |     |     |     |     |      |      |    |  |
|                                   | PG2 | 21.0                                                                                                                                                                                                                         | 27.8 | 39.7 | 56.8 | 80.3 | 94.4 | 128  | 141  | 176 | 168 | 282 | 316  | 382  | 462  | 512  | 552  | 657  | 734  |     |     |     |     |     |      |      |    |  |
|                                   | PG3 | 22.6                                                                                                                                                                                                                         | 32.8 | 54.4 | 70.3 | 113  | 140  | 199  | 201  | 296 | 239 | 422 | 512  | 679  | 749  | 1006 | 1066 | 1214 | 1331 |     |     |     |     |     |      |      |    |  |
|                                   | PG4 | 23.8                                                                                                                                                                                                                         | 35.0 | 58.1 | 82.6 | 132  | 167  | 230  | 250  | 341 | 297 | 514 | 627  | 801  | 937  | 1166 | 1241 | 1455 | 1598 |     |     |     |     |     |      |      |    |  |
| 16                                | PG1 | 18.6                                                                                                                                                                                                                         | 24.0 | 31.2 | 41.5 | 57.2 | 66.4 | 89.5 | 105  | 122 | 137 | 171 | 203  | 221  | 259  | 318  | 334  | 365  | 379  |     |     |     |     |     |      |      |    |  |
|                                   | PG2 | 19.8                                                                                                                                                                                                                         | 25.9 | 37.1 | 54.0 | 77.3 | 88.6 | 122  | 140  | 172 | 190 | 268 | 311  | 349  | 404  | 503  | 528  | 652  | 672  |     |     |     |     |     |      |      |    |  |
|                                   | PG3 | 21.8                                                                                                                                                                                                                         | 30.4 | 50.2 | 66.8 | 109  | 121  | 189  | 211  | 287 | 324 | 401 | 526  | 617  | 699  | 984  | 1018 | 1194 | 1219 |     |     |     |     |     |      |      |    |  |
|                                   | PG4 | 23.0                                                                                                                                                                                                                         | 32.5 | 53.6 | 78.3 | 127  | 141  | 219  | 243  | 331 | 371 | 487 | 621  | 727  | 824  | 1142 | 1181 | 1433 | 1460 |     |     |     |     |     |      |      |    |  |
| 18                                | PG1 | 17.1                                                                                                                                                                                                                         | 21.8 | 28.3 | 40.3 | 55.4 | 64.3 | 86.4 | 101  | 118 | 126 | 168 | 203  | 222  | 261  | 306  | 332  | 351  | 399  |     |     |     |     |     |      |      |    |  |
|                                   | PG2 | 18.2                                                                                                                                                                                                                         | 23.7 | 33.6 | 52.4 | 74.9 | 85.8 | 118  | 136  | 166 | 175 | 262 | 311  | 352  | 407  | 482  | 521  | 626  | 698  |     |     |     |     |     |      |      |    |  |
|                                   | PG3 | 19.5                                                                                                                                                                                                                         | 27.5 | 45.1 | 64.7 | 105  | 116  | 182  | 205  | 277 | 298 | 393 | 527  | 621  | 703  | 945  | 1003 | 1142 | 1257 |     |     |     |     |     |      |      |    |  |
|                                   | PG4 | 20.8                                                                                                                                                                                                                         | 29.3 | 48.0 | 76.0 | 123  | 136  | 211  | 236  | 320 | 341 | 477 | 622  | 732  | 829  | 1091 | 1161 | 1371 | 1506 |     |     |     |     |     |      |      |    |  |
| 20                                | PG1 |                                                                                                                                                                                                                              |      | 33.0 | 38.0 | 53.1 | 61.9 | 82.8 | 96   | 113 | 129 | 160 | 189  | 209  | 239  | 296  | 317  | 340  | 366  | 411 |     | 475 |     | 795 |      |      |    |  |
|                                   | PG2 |                                                                                                                                                                                                                              |      | 37.1 | 49.4 | 71.8 | 82.6 | 113  | 129  | 159 | 180 | 250 | 289  | 329  | 371  | 464  | 497  | 602  | 639  | 745 |     | 838 |     | 993 |      |      |    |  |
|                                   | PG3 |                                                                                                                                                                                                                              |      | 58.4 | 61.2 | 101  | 112  | 174  | 193  | 265 | 305 | 374 | 487  | 581  | 639  | 907  | 953  | 1099 | 1146 |     |     |     |     |     |      |      |    |  |
|                                   | PG4 |                                                                                                                                                                                                                              |      | 61.1 | 71.6 | 118  | 131  | 201  | 223  | 307 | 350 | 454 | 575  | 684  | 753  | 1047 | 1104 | 1316 | 1375 |     |     |     |     |     |      |      |    |  |
| 22.4                              | PG1 |                                                                                                                                                                                                                              |      | 32.8 | 37.1 | 52.2 | 60.0 | 80.0 | 93.2 | 110 | 119 | 153 | 189  | 201  | 242  | 289  | 306  | 337  | 354  | 409 | 431 | 473 | 492 | 814 | 847  | 974  |    |  |
|                                   | PG2 |                                                                                                                                                                                                                              |      | 37.1 | 48.1 | 70.6 | 80.1 | 109  | 125  | 155 | 165 | 237 | 289  | 313  | 374  | 450  | 478  | 586  | 614  | 725 | 762 | 818 | 849 | 993 | 1033 | 1188 |    |  |
|                                   | PG3 |                                                                                                                                                                                                                              |      | 58.6 | 59.5 | 99.8 | 109  | 168  | 187  | 257 | 279 | 347 |      |      |      |      |      |      |      |     |     |     |     |     |      |      |    |  |



# SAILAN

直交轴减速机 Bevel-helical Reductors  
类型 B3.., B4... Type B3.., B4...

额定功率 Nominal Power Ratings  
规格 3...26 Sizes 3...26

| 额定功率 Nominal power ratings |       |                                            |                       |      |      |      |      |      |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |  |
|----------------------------|-------|--------------------------------------------|-----------------------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|--|
| iN                         | n1    | n2                                         | 减速机规格 Reductors sizes |      |      |      |      |      |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |  |
|                            |       |                                            | 3                     | 4    | 5    | 6    | 7    | 8    | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25   | 26   |  |
|                            | 1/min | 额定功率 PN, KW Nominal power ratings PN in kW |                       |      |      |      |      |      |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |  |
| 31.5                       | 1500  | 48                                         | 18                    | 33   | 55   | 73   | 103  | 128  | 171 | 216 | 302 | 377 | 442 | 548 | 769 | 870 | 1005 | 1206 | 1508 | 1734 | 2111 |      |      |      |      |      |  |
|                            | 1000  | 32                                         | 12.1                  | 22   | 37   | 49   | 69   | 85   | 114 | 144 | 201 | 251 | 295 | 365 | 513 | 580 | 670  | 804  | 1005 | 1156 | 1407 | 1575 | 1876 | 2145 | 2681 | 3016 |  |
|                            | 750   | 24                                         | 9.0                   | 17   | 28   | 36   | 52   | 64   | 85  | 108 | 151 | 188 | 221 | 274 | 385 | 435 | 503  | 603  | 754  | 867  | 1055 | 1181 | 1407 | 1608 | 2010 | 2262 |  |
| 35.5                       | 1500  | 42                                         | 15.8                  | 29   | 48   | 64   | 90   | 112  | 150 | 189 | 264 | 330 | 387 | 479 | 673 | 761 | 880  | 1055 | 1319 | 1517 | 1847 | 2067 | 2463 | 2815 |      |      |  |
|                            | 1000  | 28                                         | 11                    | 19   | 32   | 43   | 60   | 75   | 100 | 126 | 176 | 220 | 258 | 320 | 449 | 507 | 586  | 704  | 880  | 1012 | 1231 | 1378 | 1642 | 1876 | 2346 | 2639 |  |
|                            | 750   | 21                                         | 7.9                   | 15   | 24   | 32   | 45   | 56   | 75  | 95  | 132 | 165 | 194 | 240 | 336 | 380 | 440  | 528  | 660  | 759  | 924  | 1034 | 1231 | 1407 | 1759 | 1979 |  |
| 40                         | 1500  | 38                                         | 14                    | 26   | 44   | 58   | 82   | 101  | 135 | 171 | 239 | 298 | 350 | 434 | 609 | 688 | 796  | 955  | 1194 | 1373 | 1671 | 1870 | 2228 | 2597 |      |      |  |
|                            | 1000  | 25                                         | 9                     | 17   | 29   | 38   | 54   | 67   | 89  | 113 | 157 | 196 | 230 | 285 | 401 | 453 | 524  | 628  | 785  | 903  | 1099 | 1230 | 1466 | 1675 | 2094 | 2356 |  |
|                            | 750   | 18.8                                       | 7.1                   | 13   | 22   | 29   | 40   | 50   | 67  | 85  | 118 | 148 | 173 | 215 | 301 | 341 | 394  | 472  | 591  | 679  | 827  | 925  | 1102 | 1260 | 1575 | 1772 |  |
| 45                         | 1500  | 33                                         | 12                    | 23   | 38   | 50   | 71   | 88   | 117 | 149 | 207 | 259 | 304 | 377 | 529 | 598 | 691  | 829  | 1037 | 1192 | 1451 | 1624 | 1935 | 2212 | 2764 |      |  |
|                            | 1000  | 22                                         | 8.3                   | 15   | 25   | 33   | 47   | 59   | 78  | 99  | 138 | 173 | 203 | 251 | 352 | 399 | 461  | 553  | 691  | 795  | 968  | 1083 | 1290 | 1474 | 1843 | 2073 |  |
|                            | 750   | 16.7                                       | 6.3                   | 12   | 19   | 25   | 36   | 45   | 59  | 75  | 105 | 131 | 154 | 191 | 268 | 303 | 350  | 420  | 525  | 603  | 734  | 822  | 979  | 1119 | 1399 | 1574 |  |
| 50                         | 1500  | 30                                         | 11                    | 21   | 35   | 46   | 64   | 80   | 107 | 135 | 188 | 236 | 276 | 342 | 481 | 543 | 628  | 754  | 942  | 1083 | 1319 | 1476 | 1759 | 2010 | 2513 | 2827 |  |
|                            | 1000  | 20                                         | 8                     | 14   | 23   | 30   | 43   | 53   | 71  | 90  | 126 | 157 | 184 | 228 | 320 | 362 | 419  | 503  | 628  | 723  | 880  | 984  | 1173 | 1340 | 1675 | 1885 |  |
|                            | 750   | 15                                         | 6                     | 10.4 | 17   | 23   | 32   | 40   | 53  | 68  | 94  | 118 | 138 | 171 | 240 | 272 | 314  | 377  | 471  | 542  | 660  | 738  | 880  | 1005 | 1257 | 1414 |  |
| 56                         | 1500  | 27                                         | 10.2                  | 19   | 31   | 41   | 58   | 72   | 96  | 122 | 170 | 212 | 249 | 308 | 433 | 489 | 565  | 679  | 848  | 975  | 1187 | 1329 | 1583 | 1809 | 2262 | 2545 |  |
|                            | 1000  | 17.9                                       | 6.7                   | 12   | 21   | 27   | 38   | 48   | 64  | 81  | 112 | 141 | 165 | 204 | 287 | 324 | 375  | 450  | 562  | 647  | 787  | 881  | 1050 | 1200 | 1499 | 1687 |  |
|                            | 750   | 13.4                                       | 5.1                   | 9.3  | 15   | 20   | 29   | 36   | 48  | 60  | 84  | 105 | 123 | 153 | 215 | 243 | 281  | 337  | 421  | 484  | 589  | 659  | 786  | 898  | 1123 | 1263 |  |
| 63                         | 1500  | 24                                         | 9                     | 17   | 28   | 36   | 50   | 64   | 85  | 108 | 151 | 188 | 221 | 274 | 385 | 435 | 503  | 603  | 754  | 867  | 1055 | 1181 | 1407 | 1608 | 2010 | 2262 |  |
|                            | 1000  | 15.9                                       | 6                     | 11   | 18   | 24   | 33   | 42   | 57  | 72  | 100 | 125 | 147 | 181 | 255 | 288 | 333  | 400  | 499  | 574  | 699  | 783  | 932  | 1066 | 1332 | 1498 |  |
|                            | 750   | 11.9                                       | 4.5                   | 8.2  | 14   | 18   | 25   | 32   | 42  | 54  | 75  | 93  | 110 | 136 | 191 | 216 | 249  | 299  | 374  | 430  | 523  | 586  | 698  | 797  | 997  | 1121 |  |
| 71                         | 1500  | 21                                         | 7.9                   | 14.5 | 24   | 32   | 44   | 56   | 75  | 95  | 132 | 165 | 194 | 240 | 336 | 380 | 440  | 528  | 660  | 759  | 924  | 1034 | 1231 | 1407 | 1759 | 1979 |  |
|                            | 1000  | 14.1                                       | 5.3                   | 9.7  | 16   | 21   | 30   | 38   | 50  | 63  | 89  | 111 | 130 | 161 | 226 | 255 | 295  | 354  | 443  | 509  | 620  | 694  | 827  | 945  | 1181 | 1329 |  |
|                            | 750   | 10.6                                       | 4                     | 7.3  | 12   | 16   | 22   | 28   | 38  | 48  | 67  | 83  | 98  | 121 | 170 | 192 | 222  | 266  | 333  | 383  | 466  | 522  | 622  | 710  | 888  | 999  |  |
| 80                         | 1500  | 18.8                                       |                       |      | 22   | 28   | 40   | 50   | 67  | 85  | 118 | 148 | 173 | 215 | 301 | 341 | 394  | 472  | 591  | 679  | 827  | 925  | 1102 | 1260 | 1575 | 1772 |  |
|                            | 1000  | 12.5                                       |                       |      | 14   | 18   | 27   | 33   | 45  | 56  | 79  | 98  | 115 | 143 | 200 | 226 | 262  | 314  | 393  | 452  | 550  | 615  | 733  | 838  | 1047 | 1178 |  |
|                            | 750   | 9.4                                        |                       |      | 11   | 14   | 20   | 25   | 33  | 42  | 59  | 74  | 87  | 107 | 151 | 170 | 197  | 236  | 295  | 340  | 413  | 463  | 551  | 630  | 787  | 886  |  |
| 90                         | 1500  | 16.7                                       |                       |      | 19   | 24   | 36   | 44   | 59  | 75  | 105 | 131 | 154 | 191 | 268 | 303 | 350  | 420  | 525  | 603  | 734  | 822  | 979  | 1119 | 1399 | 1574 |  |
|                            | 1000  | 11.1                                       |                       |      | 13   | 16   | 24   | 29   | 40  | 50  | 70  | 87  | 102 | 127 | 178 | 201 | 232  | 279  | 349  | 401  | 488  | 546  | 651  | 744  | 930  | 1046 |  |
|                            | 750   | 8.3                                        |                       |      | 9.6  | 12   | 18   | 22   | 30  | 37  | 52  | 65  | 76  | 95  | 133 | 150 | 174  | 209  | 261  | 300  | 365  | 408  | 487  | 556  | 695  | 782  |  |
| 100                        | 1500  | 15                                         |                       |      | 17.3 | 23   | 32   | 40   | 53  | 68  | 94  | 118 | 138 | 171 | 240 | 272 | 314  | 377  | 471  | 542  | 660  | 738  | 880  | 1005 | 1257 | 1414 |  |
|                            | 1000  | 10                                         |                       |      | 12   | 15   | 21   | 27   | 36  | 45  | 63  | 79  | 92  | 114 | 160 | 181 | 209  | 251  | 314  | 361  | 440  | 492  | 586  | 670  | 838  | 942  |  |
|                            | 750   | 7.5                                        |                       |      | 8.6  | 11.4 | 16   | 20   | 27  | 34  | 47  | 59  | 69  | 86  | 120 | 136 | 157  | 188  | 236  | 271  | 330  | 369  | 440  | 503  | 628  | 707  |  |
| 112                        | 1500  | 13.4                                       |                       |      | 15   | 20   | 29   | 36   | 48  | 60  | 84  | 105 | 123 | 153 | 215 | 243 | 281  | 337  | 421  | 484  | 589  | 659  | 786  | 898  | 1123 | 1263 |  |
|                            | 1000  | 8.9                                        |                       |      | 10.3 | 13.5 | 19   | 24   | 32  | 40  | 56  | 70  | 82  | 102 | 143 | 161 | 186  | 224  | 280  | 322  | 391  | 438  | 522  | 596  | 746  | 839  |  |
|                            | 750   | 6.7                                        |                       |      | 7.7  | 10   | 14   | 18   | 24  | 30  | 42  | 53  | 62  | 76  | 107 | 121 | 140  | 168  | 210  | 242  | 295  | 330  | 393  | 449  | 561  | 631  |  |
| 125                        | 1500  | 12                                         |                       |      | 14   | 18   | 26   | 32   | 43  | 54  | 75  | 94  | 111 | 137 | 192 | 217 | 251  | 302  | 377  | 434  | 528  | 591  | 704  | 804  | 1005 | 1131 |  |
|                            | 1000  | 8                                          |                       |      | 9.2  | 12   | 17   | 21   | 28  | 36  | 50  | 63  | 74  | 91  | 128 | 145 | 168  | 201  | 251  | 289  | 352  | 394  | 469  | 536  | 670  | 754  |  |
|                            | 750   | 6                                          |                       |      | 6.9  | 9.1  | 13   | 16   | 21  | 27  | 38  | 47  | 55  | 68  | 96  | 109 | 126  | 151  | 188  | 217  | 264  | 295  | 352  | 402  | 503  | 565  |  |
| 140                        | 1500  | 10.7                                       |                       |      | 12   | 16.2 | 23   | 29   | 38  | 48  | 67  | 84  | 99  | 122 | 171 | 194 | 224  | 269  | 336  | 387  | 471  | 527  | 627  | 717  | 896  | 1008 |  |
|                            | 1000  | 7.1                                        |                       |      | 8.2  | 11   | 15   | 19   | 25  | 32  | 45  | 56  | 65  | 81  | 114 | 129 | 149  | 178  | 223  | 256  | 312  | 349  | 416  | 476  | 595  | 669  |  |
|                            | 750   | 5.4                                        |                       |      | 6.2  | 8.2  | 12   | 14.4 | 19  | 24  | 34  | 42  | 50  | 62  | 87  | 98  | 113  | 136  | 170  | 195  | 237  | 266  | 317  | 362  | 452  | 509  |  |
| 160                        | 1500  | 9.4                                        |                       |      | 11   | 14.3 | 20   | 25   | 33  | 42  | 59  | 74  | 87  | 107 | 151 | 170 | 197  | 236  | 295  | 340  | 413  | 463  | 551  | 630  | 787  | 886  |  |
|                            | 1000  | 6.3                                        |                       |      | 7.3  | 9.6  | 14   | 17   | 22  | 28  | 40  | 49  | 58  | 72  | 101 | 114 | 132  | 158  | 198  | 228  | 277  | 310  | 369  | 422  | 528  | 594  |  |
|                            | 750   | 4.7                                        |                       |      | 5.4  | 7.1  | 10   | 13   | 17  | 21  | 30  | 37  | 43  | 54  | 75  | 85  | 98   | 118  | 148  | 170  | 207  | 231  | 276  | 315  | 394  | 443  |  |
| 180                        | 1500  | 8.3                                        |                       |      | 9.6  | 13   | 18   | 22   | 30  | 37  | 52  | 65  | 76  | 95  | 133 | 150 | 174  | 209  | 261  | 300  | 365  | 408  | 487  | 556  | 695  | 782  |  |
|                            | 1000  | 5.6                                        |                       |      | 6.5  | 8.5  | 12   | 15   | 20  | 25  | 35  | 44  | 52  | 64  | 90  | 101 | 117  | 141  | 176  | 202  | 246  | 276  | 328  | 375  | 469  | 528  |  |
|                            | 750   | 4.2                                        |                       |      | 4.8  | 6.4  | 9.0  | 11.2 | 15  | 19  | 26  | 33  | 39  | 48  | 67  | 76  | 88   | 106  | 132  | 152  | 185  | 207  | 246  | 281  | 352  | 396  |  |
| 200                        | 1500  | 7.5                                        |                       |      | 8.6  | 11.4 | 16   | 20   | 27  | 34  | 47  | 59  | 69  | 86  | 120 | 136 | 157  | 188  | 236  | 271  | 330  | 369  | 440  | 503  | 628  | 707  |  |
|                            | 1000  | 5                                          |                       |      | 5.8  | 7.6  | 11   | 13.4 | 18  | 23  | 31  | 39  | 46  | 57  | 80  | 91  | 105  | 126  | 157  | 181  | 220  | 246  | 293  | 335  | 419  | 471  |  |
|                            | 750   | 3.8                                        |                       |      | 4.4  | 5.8  | 8.2  | 10   | 14  | 17  | 24  | 30  | 35  | 43  | 61  | 69  | 80   | 95   | 119  | 137  | 167  | 187  | 223  | 255  | 318  | 358  |  |
| 224                        | 1500  | 6.7                                        |                       |      | 7.7  | 10   | 14.4 | 18   | 24  | 30  | 42  | 53  | 62  | 76  | 107 | 121 | 140  | 168  | 210  | 242  | 295  | 330  | 393  | 449  | 561  | 631  |  |
|                            | 1000  | 4.5                                        |                       |      | 5.2  | 6.8  | 9.7  | 12   | 16  | 20  | 28  | 35  | 41  | 51  | 72  | 82  | 94   | 113  | 141  | 163  | 198  | 221  | 264  | 302  | 377  | 424  |  |
|                            | 750   | 3.3                                        |                       |      | 3.8  | 5.0  | 7.1  | 9    | 12  | 15  | 21  | 26  | 30  |     |     |     |      |      |      |      |      |      |      |      |      |      |  |



直交轴减速机 Bevel-helical Reductors

热容量 Thermal Capacities

类型 B3.., B4... Type B3.., B4...

规格 3...26 Sizes 3...26

| 热容量 PG , kW Thermal capacities PG in kW |     |                                                                                                                                                                                                                              |      |      |      |      |      |      |      |      |      |      |      |     |     |      |      |     |     |     |     |     |     |      |      |
|-----------------------------------------|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|------|------|-----|-----|-----|-----|-----|-----|------|------|
| iN                                      |     | 减速机规格 Reductors sizes                                                                                                                                                                                                        |      |      |      |      |      |      |      |      |      |      |      |     |     |      |      |     |     |     |     |     |     |      |      |
|                                         |     | 3                                                                                                                                                                                                                            | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15  | 16  | 17   | 18   | 19  | 20  | 21  | 22  | 23  | 24  | 25   | 26   |
|                                         |     | 热容量PG(单位为KW)取决于冷却方式: PG1: 无辅助冷却装置; PG2: 带冷却风扇; PG3: 带冷却盘管; PG4: 带风扇和冷却盘管。<br>Thermal capacity PG(in KW)dependent on kind of cooling:PG1 without auxiliary cooling,PG2:fan cooling,PG3:cooling coil,PG4:fan and cooling coil. |      |      |      |      |      |      |      |      |      |      |      |     |     |      |      |     |     |     |     |     |     |      |      |
| 31.5                                    | PG1 | 28.2                                                                                                                                                                                                                         | 32.0 | 45.2 | 53.4 | 69.7 | 83.1 | 95.6 | 106  | 131  | 163  | 172  | 205  | 250 | 276 | 301  | 328  | 370 | 403 | 423 | 458 | 742 | 772 | 888  | 932  |
|                                         | PG2 | 31.7                                                                                                                                                                                                                         | 41.2 | 60.5 | 71.0 | 93.6 | 111  | 132  | 146  | 199  | 245  | 263  | 311  | 378 | 418 | 499  | 545  | 618 | 673 | 688 | 748 | 927 | 965 | 1110 | 1165 |
|                                         | PG3 | 48.0                                                                                                                                                                                                                         | 49.6 | 82.7 | 96.7 | 138  | 165  | 208  | 240  | 275  | 394  | 428  | 513  | 675 | 752 | 846  | 927  |     |     |     |     |     |     |      |      |
|                                         | PG4 | 50.2                                                                                                                                                                                                                         | 58.2 | 96.5 | 113  | 160  | 189  | 240  | 276  | 337  | 467  | 508  | 606  | 784 | 873 | 1014 | 1111 |     |     |     |     |     |     |      |      |
| 35.5                                    | PG1 | 26.7                                                                                                                                                                                                                         | 30.1 | 42.6 | 51.5 | 66.2 | 78.9 | 90.8 | 101  | 126  | 155  | 166  | 195  | 241 | 259 | 291  | 311  | 361 | 383 | 409 | 433 | 726 | 755 | 868  | 911  |
|                                         | PG2 | 29.8                                                                                                                                                                                                                         | 38.5 | 56.6 | 68.2 | 88.4 | 105  | 125  | 138  | 190  | 232  | 252  | 295  | 363 | 388 | 480  | 509  | 596 | 630 | 660 | 695 | 885 | 921 | 1059 | 1111 |
|                                         | PG3 | 44.8                                                                                                                                                                                                                         | 45.6 | 75.7 | 91.4 | 128  | 153  | 190  | 224  | 261  | 367  | 407  | 478  | 642 | 684 | 805  | 847  |     |     |     |     |     |     |      |      |
|                                         | PG4 | 47.0                                                                                                                                                                                                                         | 53.6 | 88.7 | 107  | 148  | 176  | 221  | 257  | 318  | 434  | 483  | 565  | 746 | 794 | 966  | 1017 |     |     |     |     |     |     |      |      |
| 40                                      | PG1 | 23.5                                                                                                                                                                                                                         | 26.3 | 37.0 | 48.9 | 57.9 | 75.3 | 84.9 | 96.4 | 119  | 147  | 156  | 186  | 228 | 250 | 278  | 301  | 343 | 373 | 388 | 419 | 703 | 731 | 841  | 883  |
|                                         | PG2 | 26.2                                                                                                                                                                                                                         | 33.5 | 48.8 | 64.5 | 76.7 | 99.4 | 116  | 132  | 178  | 218  | 237  | 279  | 341 | 373 | 453  | 489  | 560 | 607 | 618 | 667 | 844 | 877 | 1009 | 1060 |
|                                         | PG3 | 38.9                                                                                                                                                                                                                         | 38.4 | 63.0 | 85.3 | 106  | 143  | 172  | 210  | 239  | 340  | 375  | 445  | 592 | 649 | 749  | 805  |     |     |     |     |     |     |      |      |
|                                         | PG4 | 40.8                                                                                                                                                                                                                         | 45.2 | 73.9 | 99.8 | 123  | 164  | 200  | 241  | 293  | 403  | 446  | 526  | 690 | 755 | 900  | 968  |     |     |     |     |     |     |      |      |
| 45                                      | PG1 | 23.2                                                                                                                                                                                                                         | 25.7 | 36.0 | 45.9 | 56.2 | 71.4 | 78.0 | 91.5 | 109  | 141  | 144  | 178  | 211 | 236 | 258  | 287  | 321 | 355 | 359 | 396 | 665 | 692 | 796  | 836  |
|                                         | PG2 | 25.6                                                                                                                                                                                                                         | 32.7 | 47.5 | 60.3 | 74.0 | 93.8 | 106  | 124  | 163  | 209  | 216  | 267  | 313 | 351 | 418  | 463  | 519 | 570 | 569 | 624 | 778 | 810 | 931  | 978  |
|                                         | PG3 | 38.4                                                                                                                                                                                                                         | 37.3 | 60.7 | 78.3 | 102  | 132  | 155  | 192  | 215  | 321  | 336  | 421  | 533 | 599 | 679  | 753  |     |     |     |     |     |     |      |      |
|                                         | PG4 | 40.0                                                                                                                                                                                                                         | 44.0 | 71.3 | 91.6 | 118  | 152  | 180  | 221  | 265  | 382  | 398  | 499  | 621 | 698 | 816  | 903  |     |     |     |     |     |     |      |      |
| 50                                      | PG1 | 22.7                                                                                                                                                                                                                         | 25.9 | 35.8 | 40.0 | 55.4 | 62.5 | 76.6 | 85.6 | 109  | 133  | 146  | 169  | 216 | 218 | 268  | 266  | 317 | 331 | 386 | 367 | 611 | 635 | 730  | 767  |
|                                         | PG2 | 25.3                                                                                                                                                                                                                         | 32.9 | 46.9 | 52.2 | 72.6 | 81.4 | 103  | 116  | 160  | 195  | 216  | 250  | 315 | 322 | 424  | 427  | 498 | 529 | 596 | 574 | 670 | 724 | 832  | 874  |
|                                         | PG3 | 37.0                                                                                                                                                                                                                         | 37.3 | 59.1 | 65.3 | 98.6 | 110  | 148  | 174  | 210  | 295  | 333  | 389  | 535 | 539 | 686  | 684  |     |     |     |     |     |     |      |      |
|                                         | PG4 | 38.7                                                                                                                                                                                                                         | 43.8 | 69.5 | 76.6 | 114  | 127  | 173  | 201  | 256  | 350  | 397  | 462  | 620 | 629 | 820  | 821  |     |     |     |     |     |     |      |      |
| 56                                      | PG1 | 20.3                                                                                                                                                                                                                         | 23.9 | 33.0 | 39.0 | 51.4 | 60.6 | 70.7 | 78.9 | 99.1 | 122  | 134  | 155  | 198 | 223 | 247  | 276  | 305 | 326 | 365 | 393 | 599 | 623 | 717  | 753  |
|                                         | PG2 | 22.4                                                                                                                                                                                                                         | 30.2 | 43.3 | 50.8 | 67.4 | 78.8 | 95.3 | 106  | 145  | 179  | 197  | 228  | 287 | 323 | 388  | 432  | 478 | 506 | 560 | 601 | 683 | 710 | 817  | 858  |
|                                         | PG3 | 32.3                                                                                                                                                                                                                         | 33.6 | 53.3 | 63.0 | 89.4 | 105  | 133  | 157  | 186  | 264  | 298  | 346  | 479 | 541 | 617  | 688  |     |     |     |     |     |     |      |      |
|                                         | PG4 | 33.9                                                                                                                                                                                                                         | 39.7 | 62.9 | 74.0 | 104  | 122  | 155  | 181  | 228  | 315  | 354  | 413  | 555 | 628 | 738  | 823  |     |     |     |     |     |     |      |      |
| 63                                      | PG1 | 20.0                                                                                                                                                                                                                         | 23.0 | 31.7 | 38.7 | 49.7 | 59.8 | 68.2 | 77.4 | 95.5 | 121  | 129  | 157  | 189 | 204 | 237  | 254  | 295 | 314 | 353 | 371 | 567 | 590 | 679  | 713  |
|                                         | PG2 | 21.8                                                                                                                                                                                                                         | 29.1 | 41.6 | 50.2 | 65.1 | 77.4 | 91.9 | 103  | 139  | 175  | 189  | 229  | 273 | 294 | 370  | 395  | 460 | 486 | 540 | 563 | 635 | 661 | 760  | 798  |
|                                         | PG3 | 31.5                                                                                                                                                                                                                         | 31.8 | 50.3 | 61.4 | 84.8 | 102  | 125  | 150  | 175  | 256  | 280  | 345  | 449 | 482 | 581  | 620  |     |     |     |     |     |     |      |      |
|                                         | PG4 | 32.8                                                                                                                                                                                                                         | 37.6 | 59.5 | 72.2 | 99.0 | 119  | 147  | 173  | 215  | 304  | 334  | 409  | 521 | 561 | 698  | 740  |     |     |     |     |     |     |      |      |
| 71                                      | PG1 | 18.6                                                                                                                                                                                                                         | 21.3 | 30.2 | 35.7 | 47.3 | 55.5 | 63.9 | 71.7 | 88.4 | 111  | 121  | 144  | 180 | 195 | 224  | 244  | 279 | 304 | 333 | 360 | 547 | 569 | 654  | 687  |
|                                         | PG2 | 20.0                                                                                                                                                                                                                         | 27.0 | 39.5 | 46.2 | 62   | 71.8 | 86.0 | 95.6 | 129  | 159  | 177  | 208  | 258 | 281 | 347  | 377  | 431 | 468 | 505 | 544 | 602 | 626 | 719  | 756  |
|                                         | PG3 | 28.6                                                                                                                                                                                                                         | 28.9 | 46.6 | 55.5 | 78.4 | 92.8 | 113  | 135  | 157  | 227  | 253  | 309  | 413 | 454 | 537  | 585  |     |     |     |     |     |     |      |      |
|                                         | PG4 | 29.8                                                                                                                                                                                                                         | 34.3 | 55.3 | 65.4 | 92.1 | 108  | 134  | 156  | 194  | 271  | 303  | 366  | 482 | 528 | 644  | 701  |     |     |     |     |     |     |      |      |
| 80                                      | PG1 |                                                                                                                                                                                                                              |      | 32.5 | 34.2 | 48.2 | 53.6 | 68.2 | 69.2 | 103  | 106  | 138  | 138  | 185 | 186 | 208  | 231  | 285 | 287 | 399 | 339 | 560 | 538 | 670  | 650  |
|                                         | PG2 |                                                                                                                                                                                                                              |      |      | 44.5 |      | 69.4 |      | 92.3 |      | 153  |      | 200  |     | 266 |      | 353  |     | 438 |     | 509 |     | 592 |      | 715  |
|                                         | PG3 |                                                                                                                                                                                                                              |      |      | 52.3 |      | 88.0 |      | 127  |      | 212  |      | 290  |     | 417 |      | 538  |     |     |     |     |     |     |      |      |
|                                         | PG4 |                                                                                                                                                                                                                              |      |      | 61.8 |      | 103  |      | 148  |      | 255  |      | 346  |     | 487 |      | 647  |     |     |     |     |     |     |      |      |
| 90                                      | PG1 |                                                                                                                                                                                                                              |      | 31.8 | 32.6 | 46.7 | 51.0 | 66.7 | 64.9 | 99.9 | 98.7 | 135  | 129  | 177 | 190 | 199  | 214  | 273 | 292 | 386 | 404 | 554 | 576 | 662  | 695  |
|                                         | PG2 |                                                                                                                                                                                                                              |      |      | 42.3 |      | 66.0 |      | 86.5 |      | 142  |      | 187  |     |     |      |      |     |     |     |     |     |     |      |      |
|                                         | PG3 |                                                                                                                                                                                                                              |      |      | 48.5 |      | 81.5 |      | 115  |      | 190  |      | 262  |     |     |      |      |     |     |     |     |     |     |      |      |
|                                         | PG4 |                                                                                                                                                                                                                              |      |      | 57.6 |      | 95.4 |      | 135  |      | 230  |      | 314  |     |     |      |      |     |     |     |     |     |     |      |      |
| 100                                     | PG1 |                                                                                                                                                                                                                              |      | 30.3 | 34.8 | 44.2 | 51.5 | 63.2 | 68.7 | 96.0 | 115  | 128  | 148  | 167 | 182 | 187  | 205  | 258 | 280 | 363 | 391 | 549 | 571 | 657  | 690  |
| 112                                     | PG1 |                                                                                                                                                                                                                              |      | 29.2 | 34.0 | 42.5 | 50.0 | 60.8 | 67.1 | 91.4 | 111  | 122  | 144  | 159 | 172 | 179  | 193  | 246 | 264 | 352 | 367 | 497 | 517 | 595  | 625  |
| 125                                     | PG1 |                                                                                                                                                                                                                              |      | 27.9 | 32.5 | 40.6 | 47.3 | 58.0 | 63.7 | 87.5 | 106  | 117  | 136  | 151 | 164 | 170  | 184  | 234 | 252 | 331 | 356 | 497 | 517 | 595  | 625  |
| 140                                     | PG1 |                                                                                                                                                                                                                              |      | 26.6 | 31.3 | 38.6 | 45.6 | 54.7 | 61.3 | 82.8 | 101  | 111  | 130  | 146 | 156 | 164  | 175  | 225 | 240 | 320 | 335 | 467 | 486 | 559  | 587  |
| 160                                     | PG1 |                                                                                                                                                                                                                              |      | 24.5 | 29.9 | 35.2 | 43.5 | 50.0 | 58.4 | 75.5 | 96.8 | 105  | 125  | 138 | 150 | 155  | 169  | 213 | 231 | 302 | 323 | 453 | 471 | 542  | 569  |
| 180                                     | PG1 |                                                                                                                                                                                                                              |      | 24.0 | 28.6 | 34.3 | 41.4 | 48.8 | 55.4 | 73.5 | 91.6 | 99.2 | 118  | 130 | 142 | 146  | 159  | 199 | 218 | 282 | 306 | 433 | 450 | 518  | 544  |
| 200                                     | PG1 |                                                                                                                                                                                                                              |      | 23.2 | 26.3 | 34.0 | 37.8 | 47.8 | 50.7 | 71.9 | 83.7 | 96.9 | 112  | 128 | 134 | 144  | 151  | 198 | 204 | 273 | 286 | 401 | 417 | 480  | 504  |
| 224                                     | PG1 |                                                                                                                                                                                                                              |      | 21.6 | 25.8 | 31.7 | 36.9 | 44.7 | 49.4 | 67.6 | 81.6 | 90.8 | 106  | 120 | 132 | 134  | 148  | 186 | 204 | 255 | 277 | 400 | 416 | 478  | 502  |
| 250                                     | PG1 |                                                                                                                                                                                                                              |      | 21.1 | 24.8 | 30.6 | 36.5 | 43.1 | 48.4 | 65.4 | 79.7 | 87.9 | 103  | 116 | 123 | 130  | 139  | 180 | 191 | 247 | 259 | 371 | 386 | 444  | 466  |
| 280                                     | PG1 |                                                                                                                                                                                                                              |      | 20.1 | 23.2 | 28.7 | 34.1 | 41.1 | 45.3 | 62.5 | 74.8 | 83.0 | 96.9 | 108 | 119 | 122  | 134  | 169 | 184 | 236 | 250 | 354 | 368 | 423  | 444  |
| 315                                     | PG1 |                                                                                                                                                                                                                              |      | 18.8 | 22.6 | 26.9 | 32.8 | 38.6 | 43.7 | 58.4 | 72.4 | 79.2 | 93.7 | 102 | 112 | 115  | 126  | 160 | 174 | 220 | 239 | 333 | 346 | 398  | 418  |
| 355                                     | PG1 |                                                                                                                                                                                                                              |      |      | 21.6 |      | 30.8 |      | 41.7 |      | 69.1 |      | 88.5 |     | 105 |      | 119  |     | 164 |     | 223 |     | 317 |      | 383  |
| 400                                     | PG1 |                                                                                                                                                                                                                              |      |      | 20.2 |      | 28.9 |      | 39.3 |      | 64.5 |      | 84.3 |     |     |      |      |     |     |     |     |     |     |      |      |



# SAILAN

平行轴减速机 Helical Reductors

类型 H1..., H2..., H3..., H4...

规格 1...26 Sizes 1...26

额定输出扭矩 Nominal Output Torques

Types H1..., H2..., H3..., H4...

| 传动比 iN, 额定输出扭矩 T2N      Transmission ratios iN ,nominal output torques T2N |                                                   |     |     |      |      |      |      |      |      |      |      |      |     |      |     |     |     |     |     |     |     |     |     |     |     |  |
|----------------------------------------------------------------------------|---------------------------------------------------|-----|-----|------|------|------|------|------|------|------|------|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| iN                                                                         | 减速机规格   Reductors sizes                           |     |     |      |      |      |      |      |      |      |      |      |     |      |     |     |     |     |     |     |     |     |     |     |     |  |
|                                                                            | 1                                                 | 3   | 4   | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14  | 15   | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  |  |
|                                                                            | 额定输出扭矩 T2N ( KNm)      Nominal output torques T2N |     |     |      |      |      |      |      |      |      |      |      |     |      |     |     |     |     |     |     |     |     |     |     |     |  |
| 1.25                                                                       | 0.79                                              | 2.6 |     | 7    |      | 13.3 |      | 21.5 |      |      |      |      |     |      |     |     |     |     |     |     |     |     |     |     |     |  |
| 1.4                                                                        | 0.83                                              | 2.7 |     | 7.2  |      | 13.9 |      | 22.3 |      |      |      |      |     |      |     |     |     |     |     |     |     |     |     |     |     |  |
| 1.6                                                                        | 0.87                                              | 2.9 |     | 7.5  |      | 14.2 |      | 23.6 |      | 40   |      | 63   |     |      |     |     |     |     |     |     |     |     |     |     |     |  |
| 1.8                                                                        | 0.91                                              | 2.4 |     | 7.7  |      | 15.2 |      | 24.4 |      | 41.4 |      | 66.3 |     |      |     |     |     |     |     |     |     |     |     |     |     |  |
| 2                                                                          | 0.93                                              | 2.5 |     | 8.2  |      | 15.5 |      | 25   |      | 42.7 |      | 68.2 |     | 121  |     |     |     |     |     |     |     |     |     |     |     |  |
| 2.24                                                                       | 0.96                                              | 2.5 |     | 8.4  |      | 15.5 |      | 25   |      | 44   |      | 70.3 |     | 122  |     |     |     |     |     |     |     |     |     |     |     |  |
| 2.5                                                                        | 1                                                 | 2.6 |     | 8.4  |      | 15.5 |      | 25   |      | 44   |      | 72   |     | 110  |     |     |     |     |     |     |     |     |     |     |     |  |
| 2.8                                                                        | 1                                                 | 2.7 |     | 8.4  |      | 14.9 |      | 23.7 |      | 44   |      | 72   |     | 113  |     | 171 |     |     |     |     |     |     |     |     |     |  |
| 3.15                                                                       | 1                                                 | 2.7 |     | 8.4  |      | 15.2 |      | 24.5 |      | 41.9 |      | 68.4 |     | 116  |     | 173 |     |     |     |     |     |     |     |     |     |  |
| 3.55                                                                       | 1                                                 | 2.8 |     | 8.3  |      | 15.5 |      | 24.9 |      | 43.7 |      | 69.6 |     | 118  |     | 173 |     |     |     |     |     |     |     |     |     |  |
| 4                                                                          | 1                                                 | 2.8 |     | 8.4  |      | 15.5 |      | 25   |      | 44   |      | 70.8 |     | 122  |     | 173 |     | 245 |     |     |     |     |     |     |     |  |
| 4.5                                                                        | 0.82                                              | 2.2 |     | 6.7  |      | 13.8 |      | 21.4 |      | 40   |      | 57.6 |     | 102  |     | 146 |     | 216 |     |     |     |     |     |     |     |  |
| 5                                                                          | 0.78                                              | 2.1 |     | 6.3  |      | 12   |      | 20.5 |      | 33.7 |      | 54.5 |     | 88.8 |     | 124 |     | 174 |     |     |     |     |     |     |     |  |
| 5.6                                                                        | 0.62                                              | 2   |     | 6    |      | 11.4 |      | 17.5 |      | 31.8 |      | 51.8 |     | 84.5 |     | 118 |     | 150 |     |     |     |     |     |     |     |  |
| 6.3                                                                        |                                                   | 3.5 | 6.3 | 10.5 |      | 19   |      | 31.5 |      | 55.5 |      | 86   |     | 143  |     | 195 |     | 292 |     |     |     |     |     |     |     |  |
| 7.1                                                                        |                                                   | 3.5 | 6.3 | 10.5 |      | 19   |      | 31.5 |      | 55.5 |      | 86   |     | 143  | 160 | 195 | 230 | 292 | 335 | 410 |     |     |     |     |     |  |
| 8                                                                          |                                                   | 3.5 | 6.3 | 10.5 | 13.5 | 19   | 24   | 31.5 | 39.5 | 55.5 | 69   | 86   | 107 | 143  | 160 | 195 | 230 | 292 | 335 | 410 | 458 |     |     |     |     |  |
| 9                                                                          |                                                   | 3.5 | 6.3 | 10.5 | 13.5 | 19   | 24   | 31.5 | 39.5 | 55.5 | 69   | 86   | 107 | 143  | 160 | 195 | 230 | 292 | 335 | 410 | 458 | 540 |     |     |     |  |
| 10                                                                         |                                                   | 3.5 | 6.3 | 10.5 | 13.5 | 19   | 24   | 31.5 | 39.5 | 55.5 | 69   | 86   | 107 | 143  | 160 | 195 | 230 | 292 | 335 | 410 | 458 | 540 | 620 |     |     |  |
| 11.2                                                                       |                                                   | 3.5 | 6.3 | 10.5 | 13.5 | 19   | 24   | 31.5 | 39.5 | 55.5 | 69   | 86   | 107 | 143  | 160 | 195 | 230 | 292 | 335 | 410 | 458 | 540 | 620 | 780 |     |  |
| 12.5                                                                       |                                                   | 3.5 | 6.3 | 10.5 | 13.5 | 19   | 24   | 31.5 | 39.5 | 55.5 | 69   | 86   | 107 | 143  | 160 | 195 | 230 | 292 | 335 | 410 | 458 | 540 | 620 | 780 | 880 |  |
| 14                                                                         |                                                   | 3.5 | 6.3 | 10.5 | 13.5 | 19   | 24   | 31.5 | 39.5 | 55.5 | 69   | 86   | 107 | 143  | 160 | 195 | 230 | 292 | 335 | 410 | 458 | 540 | 620 | 780 | 880 |  |
| 16                                                                         |                                                   | 3.5 | 6.3 | 10.5 | 13.5 | 19   | 24   | 31.5 | 39.5 | 55.5 | 69   | 86   | 107 | 143  | 160 | 195 | 230 | 292 | 335 | 410 | 458 | 540 | 620 | 780 | 880 |  |
| 18                                                                         |                                                   | 3.5 | 6.3 | 10.5 | 13.5 | 19   | 24   | 31.5 | 39.5 | 55.5 | 69   | 86   | 107 | 143  | 160 | 195 | 230 | 292 | 335 | 410 | 458 | 540 | 620 | 780 | 880 |  |
| 20                                                                         |                                                   | 3.5 | 6.3 | 10.5 | 13.5 | 19   | 24   | 31.5 | 39.5 | 55.5 | 69   | 86   | 107 | 143  | 160 | 195 | 230 | 292 | 335 | 410 | 458 | 540 | 620 | 780 | 880 |  |
| 22.4                                                                       |                                                   | 3.5 | 6.2 | 10.2 | 13.5 | 18.6 | 24   | 31   | 39.5 | 54.5 | 69   | 88   | 107 | 153  | 160 | 200 | 230 | 300 | 335 | 420 | 458 | 560 | 620 | 800 | 880 |  |
| 25                                                                         |                                                   |     |     | 11   | 13.5 | 20.5 | 24   | 34   | 39.5 | 60   | 69   | 88   | 107 | 153  | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |  |
| 28                                                                         |                                                   |     |     | 11   | 13   | 20.5 | 23.5 | 34   | 38.9 | 60   | 67.8 | 88   | 109 | 153  | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |  |
| 31.5                                                                       |                                                   |     |     | 11   | 14.5 | 20.5 | 25.5 | 34   | 43   | 60   | 75   | 88   | 109 | 153  | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |  |
| 35.5                                                                       |                                                   |     |     | 11   | 14.5 | 20.5 | 25.5 | 34   | 43   | 60   | 75   | 88   | 109 | 153  | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |  |
| 40                                                                         |                                                   |     |     | 11   | 14.5 | 20.5 | 25.5 | 34   | 43   | 60   | 75   | 88   | 109 | 153  | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |  |
| 45                                                                         |                                                   |     |     | 11   | 14.5 | 20.5 | 25.5 | 34   | 43   | 60   | 75   | 88   | 109 | 153  | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |  |
| 50                                                                         |                                                   |     |     | 11   | 14.5 | 20.5 | 25.5 | 34   | 43   | 60   | 75   | 88   | 109 | 153  | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |  |
| 56                                                                         |                                                   |     |     | 11   | 14.5 | 20.5 | 25.5 | 34   | 43   | 60   | 75   | 88   | 109 | 153  | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |  |
| 63                                                                         |                                                   |     |     | 11   | 14.5 | 20.5 | 25.5 | 34   | 43   | 60   | 75   | 88   | 109 | 153  | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |  |
| 71                                                                         |                                                   |     |     | 11   | 14.5 | 20.5 | 25.5 | 34   | 43   | 60   | 75   | 88   | 109 | 153  | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |  |
| 80                                                                         |                                                   |     |     | 11   | 14.5 | 20.5 | 25.5 | 34   | 43   | 60   | 75   | 88   | 109 | 153  | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |  |
| 90                                                                         |                                                   |     |     | 11   | 14.5 | 20   | 25.5 | 33.5 | 43   | 60   | 75   | 88   | 109 | 153  | 173 | 200 | 240 | 290 | 345 | 410 | 470 | 560 | 640 | 800 | 900 |  |
| 100                                                                        |                                                   |     |     |      | 14.5 | 20.5 | 25.5 | 34   | 43   | 60   | 75   | 88   | 109 | 153  | 173 | 200 | 226 | 300 | 335 | 420 | 465 | 560 | 640 | 800 | 900 |  |
| 112                                                                        |                                                   |     |     |      | 14.1 | 20.5 | 25.2 | 34   | 42   | 60   | 75   | 88   | 109 | 153  | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |  |
| 125                                                                        |                                                   |     |     |      |      | 20.5 | 25.5 | 34   | 43   | 60   | 75   | 88   | 109 | 153  | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |  |
| 140                                                                        |                                                   |     |     |      |      | 20.5 | 25.5 | 34   | 43   | 60   | 75   | 88   | 109 | 153  | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |  |
| 160                                                                        |                                                   |     |     |      |      | 20.5 | 25.5 | 34   | 43   | 60   | 75   | 88   | 109 | 153  | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |  |
| 180                                                                        |                                                   |     |     |      |      | 20.5 | 25.5 | 34   | 43   | 60   | 75   | 88   | 109 | 153  | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |  |
| 200                                                                        |                                                   |     |     |      |      | 20.5 | 25.5 | 34   | 43   | 60   | 75   | 88   | 109 | 153  | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |  |
| 224                                                                        |                                                   |     |     |      |      | 20.5 | 25.5 | 34   | 43   | 60   | 75   | 88   | 109 | 153  | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |  |
| 250                                                                        |                                                   |     |     |      |      | 20.5 | 25.5 | 34   | 43   | 60   | 75   | 88   | 109 | 153  | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |  |
| 280                                                                        |                                                   |     |     |      |      | 20.5 | 25.5 | 34   | 43   | 60   | 75   | 88   | 109 | 153  | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |  |
| 315                                                                        |                                                   |     |     |      |      | 20.5 | 25.5 | 34   | 43   | 60   | 75   | 88   | 109 | 153  | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |  |
| 355                                                                        |                                                   |     |     |      |      | 19.6 | 25.5 | 33   | 43   | 59   | 75   | 88   | 109 | 140  | 173 | 192 | 240 | 290 | 345 | 410 | 470 | 560 | 640 | 800 | 900 |  |
| 400                                                                        |                                                   |     |     |      |      |      | 25.5 |      | 43   |      | 75   |      | 109 |      | 158 |     | 223 |     | 335 |     | 465 |     | 640 |     | 900 |  |
| 450                                                                        |                                                   |     |     |      |      |      | 24.8 |      | 41.6 |      | 74   |      | 109 |      |     |     |     |     |     |     |     |     |     |     |     |  |



直交轴减速机 Bevel-helical Reductors

额定输出扭矩 Nominal Output Torques

类型 B2., B3., B4... Types B2., B3., B4...规格 1..26 Sizes 1..26

| 传动比 iN ,额定输出扭矩 T2N Transmission ratios iN ,nominal output torques T2N |                                               |      |     |     |      |      |      |      |      |      |      |    |    |      |     |     |     |     |     |     |     |     |     |     |     |     |
|-----------------------------------------------------------------------|-----------------------------------------------|------|-----|-----|------|------|------|------|------|------|------|----|----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| iN                                                                    | 减速机规格 Reductors sizes                         |      |     |     |      |      |      |      |      |      |      |    |    |      |     |     |     |     |     |     |     |     |     |     |     |     |
|                                                                       | 1                                             | 2    | 3   | 4   | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12 | 13 | 14   | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  |
|                                                                       | 额定输出扭矩 T2N ( KNm ) Nominal output torques T2N |      |     |     |      |      |      |      |      |      |      |    |    |      |     |     |     |     |     |     |     |     |     |     |     |     |
| 5                                                                     | 1.15                                          | 2    | 3.1 | 5.8 | 9.4  |      | 17.8 |      | 28   |      | 43   |    | 66 |      | 122 |     |     |     |     |     |     |     |     |     |     |     |
| 5.6                                                                   | 1.15                                          | 2    | 3.1 | 5.8 | 9.4  |      | 17.8 |      | 28   |      | 45   |    | 67 |      | 122 | 135 | 195 |     |     |     |     |     |     |     |     |     |
| 6.3                                                                   | 1.15                                          | 2    | 3.1 | 5.8 | 9.4  | 12   | 17.8 | 22.3 | 28   | 35.6 | 47   | 55 | 71 | 82   | 130 | 141 | 195 |     |     |     |     |     |     |     |     |     |
| 7.1                                                                   | 1.15                                          | 2    | 3.1 | 5.8 | 9.4  | 12   | 17.8 | 22.3 | 28   | 35.6 | 49   | 57 | 73 | 84   | 132 | 145 | 195 | 230 |     |     |     |     |     |     |     |     |
| 8                                                                     | 1.15                                          | 2    | 3.1 | 5.8 | 9.4  | 12   | 17.8 | 22.3 | 28   | 35.6 | 50.5 | 59 | 77 | 88   | 132 | 148 | 195 | 230 |     |     |     |     |     |     |     |     |
| 9                                                                     | 1.15                                          | 2    | 3.1 | 5.8 | 9.4  | 12   | 17.8 | 22.3 | 28   | 35.6 | 50.5 | 61 | 78 | 91   | 132 | 148 | 195 | 230 |     |     |     |     |     |     |     |     |
| 10                                                                    | 1.15                                          | 2    | 3.1 | 5.8 | 9.4  | 12   | 17.8 | 22.3 | 28   | 35.6 | 50.5 | 62 | 78 | 95   | 132 | 148 | 195 | 230 |     |     |     |     |     |     |     |     |
| 11.2                                                                  | 1.15                                          | 2    | 3.1 | 5.8 | 9.4  | 12   | 17.8 | 22.3 | 28   | 35.6 | 50.5 | 62 | 78 | 97.5 | 132 | 148 | 195 | 230 |     |     |     |     |     |     |     |     |
| 12.5                                                                  | 1.15                                          | 2    | 3.1 | 5.5 | 9.4  | 12   | 17.0 | 22.3 | 28   | 35.6 | 50.5 | 62 | 78 | 97.5 | 132 | 148 | 195 | 230 | 250 |     | 340 |     |     |     |     |     |
| 14                                                                    | 1.15                                          | 2    | 3.1 | 6   | 9.8  | 12   | 18.2 | 22.3 | 29.5 | 35.6 | 53   | 62 | 80 | 97.5 | 137 | 148 | 195 | 230 | 262 | 295 | 360 | 405 |     |     |     |     |
| 16                                                                    | 1.1                                           | 1.95 | 3.1 | 6.2 | 10.2 | 12   | 19.1 | 21.5 | 31   | 35.6 | 56   | 62 | 83 | 97.5 | 142 | 154 | 200 | 230 | 275 | 308 | 380 | 422 |     |     |     |     |
| 18                                                                    | 1.03                                          | 1.8  | 3   | 6.4 | 10.6 | 12.6 | 19.8 | 23.1 | 32.5 | 37.5 | 58   | 65 | 85 | 100  | 148 | 160 | 200 | 240 | 288 | 320 | 400 | 438 |     |     |     |     |
| 20                                                                    |                                               |      | 3.6 | 6.6 | 11   | 13.2 | 20.5 | 23.9 | 34   | 39.3 | 60   | 68 | 88 | 103  | 153 | 167 | 200 | 240 | 300 | 332 | 420 | 455 | 560 |     | 800 |     |
| 22.4                                                                  |                                               |      | 3.6 | 6.6 | 11   | 13.8 | 20.5 | 24.8 | 34   | 41   | 60   | 72 | 88 | 106  | 153 | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |
| 25                                                                    |                                               |      | 3.6 | 6.6 | 11   | 14.5 | 20.5 | 25.5 | 34   | 43   | 60   | 75 | 88 | 109  | 153 | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |
| 28                                                                    |                                               |      | 3.6 | 6.6 | 11   | 14.5 | 20.5 | 25.5 | 34   | 43   | 60   | 75 | 88 | 109  | 153 | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |
| 31.5                                                                  |                                               |      | 3.6 | 6.6 | 11   | 14.5 | 20.5 | 25.5 | 34   | 43   | 60   | 75 | 88 | 109  | 153 | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |
| 35.5                                                                  |                                               |      | 3.6 | 6.6 | 11   | 14.5 | 20.5 | 25.5 | 34   | 43   | 60   | 75 | 88 | 109  | 153 | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |
| 40                                                                    |                                               |      | 3.6 | 6.6 | 11   | 14.5 | 20.5 | 25.5 | 34   | 43   | 60   | 75 | 88 | 109  | 153 | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |
| 45                                                                    |                                               |      | 3.6 | 6.6 | 11   | 14.5 | 20.5 | 25.5 | 34   | 43   | 60   | 75 | 88 | 109  | 153 | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |
| 50                                                                    |                                               |      | 3.6 | 6.6 | 11   | 14.5 | 20.5 | 25.5 | 34   | 43   | 60   | 75 | 88 | 109  | 153 | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |
| 56                                                                    |                                               |      | 3.6 | 6.6 | 11   | 14.5 | 20.5 | 25.5 | 34   | 43   | 60   | 75 | 88 | 109  | 153 | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |
| 63                                                                    |                                               |      | 3.6 | 6.6 | 11   | 14.5 | 20   | 25.5 | 34   | 43   | 60   | 75 | 88 | 109  | 153 | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |
| 71                                                                    |                                               |      | 3.6 | 6.6 | 11   | 14.5 | 20.  | 25.5 | 34   | 43   | 60   | 75 | 88 | 109  | 153 | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |
| 80                                                                    |                                               |      |     |     | 11   | 14   | 20.5 | 25.2 | 34   | 43   | 60   | 75 | 88 | 109  | 153 | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |
| 90                                                                    |                                               |      |     |     | 11   | 14   | 20.5 | 25.2 | 34   | 43   | 60   | 75 | 88 | 109  | 153 | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |
| 100                                                                   |                                               |      |     |     | 11   | 14.5 | 20.5 | 25.5 | 34   | 43   | 60   | 75 | 88 | 109  | 153 | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |
| 112                                                                   |                                               |      |     |     | 11   | 14.5 | 20.5 | 25.5 | 34   | 43   | 60   | 75 | 88 | 109  | 153 | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |
| 125                                                                   |                                               |      |     |     | 11   | 14.5 | 20.5 | 25.5 | 34   | 43   | 60   | 75 | 88 | 109  | 153 | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |
| 140                                                                   |                                               |      |     |     | 11   | 14.5 | 20.5 | 25.5 | 34   | 43   | 60   | 75 | 88 | 109  | 153 | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |
| 160                                                                   |                                               |      |     |     | 11   | 14.5 | 20.5 | 25.5 | 34   | 43   | 60   | 75 | 88 | 109  | 153 | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |
| 180                                                                   |                                               |      |     |     | 11   | 14.5 | 20.5 | 25.5 | 34   | 43   | 60   | 75 | 88 | 109  | 153 | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |
| 200                                                                   |                                               |      |     |     | 11   | 14.5 | 20.5 | 25.5 | 34   | 43   | 60   | 75 | 88 | 109  | 153 | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |
| 224                                                                   |                                               |      |     |     | 11   | 14.5 | 20.5 | 25.5 | 34   | 43   | 60   | 75 | 88 | 109  | 153 | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |
| 250                                                                   |                                               |      |     |     | 11   | 14.5 | 20.5 | 25.5 | 34   | 43   | 60   | 75 | 88 | 109  | 153 | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |
| 280                                                                   |                                               |      |     |     | 11   | 14.5 | 20.5 | 25.5 | 34   | 43   | 60   | 75 | 88 | 109  | 153 | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |
| 315                                                                   |                                               |      |     |     | 11   | 14.5 | 20.5 | 25.5 | 34   | 43   | 60   | 75 | 88 | 109  | 153 | 173 | 200 | 240 | 300 | 345 | 420 | 470 | 560 | 640 | 800 | 900 |
| 355                                                                   |                                               |      |     |     |      | 14.5 |      | 25.5 |      | 43   |      | 75 |    | 109  |     | 173 |     | 240 |     | 345 |     | 470 |     | 640 |     | 900 |
| 400                                                                   |                                               |      |     |     |      | 14.5 |      | 25.5 |      | 43   |      | 75 |    | 109  |     |     |     |     |     |     |     |     |     |     |     |     |

## 减速机 Reductors

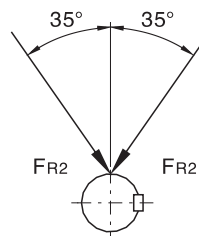
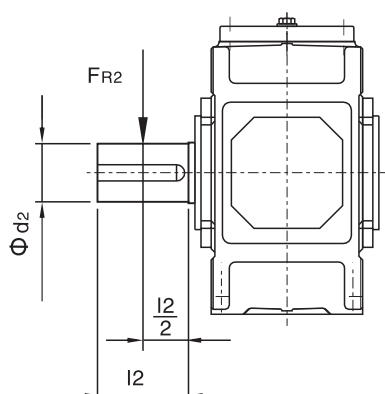
输出轴 d2 上允许的附加径向力1) Permissible Additional Radial Forces on Output Shaft d2 1)

类型 H1SH., H2S., H2S., H4S., B2S., B3S., B4S..

Types H1SH., H2S., H2S., H4S., B2S., B3S., B4S..

作用力在轴端中部

Application of force on centre of shaft end



允许的作用力方向  
Permissible direction of force

允许的附加径向力  $FR2$  (kN ), 作用于输出轴端中部3 )

Permissible additional radial forces  $FR2$  in kN with application of force on center of shaft end

| 类型<br>Type | 布置形式<br>Design | 减速机规格1), 4) Reductors sizes1), 4) |    |    |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |
|------------|----------------|-----------------------------------|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|
|            |                | 1                                 | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13  | 14  | 15  | 16  | 17  | 18  |
| H1SH       | A/B            | 2)                                | -  | 2) | -  | 2) | -  | 2) | -  | 2) | -  | 2) | -  | 2)  | -   | 2)  | -   | 2)  | -   |
| H2S        | A/B/G/H        | -                                 | -  | 8  | 10 | 22 | 22 | 30 | 30 | 30 | 45 | 64 | 64 | 150 | 150 | 140 | 205 | 205 | 205 |
|            | C/D            | -                                 | -  | 8  | 10 | 13 | 13 | 18 | 18 | 10 | 28 | 35 | 35 | 112 | 112 | 85  | 135 | 135 | 135 |
| H3S        | A/B/G/H        | -                                 | -  | -  | -  | 29 | 29 | 40 | 40 | 40 | 60 | 85 | 85 | 190 | 190 | 185 | 265 | 265 | 265 |
|            | C/D            | -                                 | -  | -  | -  | 18 | 18 | 26 | 26 | 18 | 40 | 50 | 50 | 150 | 150 | 120 | 185 | 185 | 190 |
| H4S        | A/B            | -                                 | -  | -  | -  | -  | -  | 26 | 26 | 18 | 40 | 50 | 50 | 150 | 150 | 120 | 185 | 185 | 190 |
|            | C/D            | -                                 | -  | -  | -  | -  | -  | 40 | 40 | 40 | 60 | 85 | 85 | 190 | 190 | 185 | 265 | 265 | 265 |
| B2S        | A/C            | 7                                 | 10 | 10 | 13 | 27 | 27 | 37 | 37 | 38 | 55 | 78 | 78 | 160 | 160 | 150 | 210 | 210 | 210 |
|            | B/D            | 4                                 | 7  | 9  | 12 | 15 | 15 | 17 | 17 | 10 | 30 | 38 | 38 | 110 | 110 | 75  | 145 | 100 | 100 |
| B3S        | A/C            | -                                 | -  | 9  | 14 | 29 | 29 | 40 | 40 | 40 | 60 | 85 | 85 | 190 | 190 | 185 | 265 | 265 | 265 |
|            | B/D            | -                                 | -  | 7  | 9  | 18 | 18 | 26 | 26 | 18 | 40 | 50 | 50 | 150 | 150 | 120 | 185 | 185 | 190 |
| B4S        | A/C            | -                                 | -  | -  | -  | 29 | 29 | 40 | 40 | 40 | 60 | 85 | 85 | 190 | 190 | 185 | 265 | 265 | 265 |
|            | B/D            | -                                 | -  | -  | -  | 18 | 18 | 26 | 26 | 18 | 40 | 50 | 50 | 150 | 150 | 120 | 185 | 185 | 190 |

1) 表中数据为最小值。如果给定了力的作用角和旋转方向, 通常情况下, 可允许承受较大的附加力。请与我们联系。

Values in tables are minimum values. If the angle of application of force and the direction of rotation are given, significantly higher additional forces can mostly be allowed. Please consult us.

2) 根据用户要求供货。 On request.

3) 当作用力不在轴端中部时, 请参见第 218 页。 For application of force outside the center of the shaft end, see page 218.

4) 基础螺栓的最低性能等级为 8.8 级。基础必须干燥, 不得有油脂。如用户要求, 允许输入轴 d1 上附加径向力。

Use foundation bolts of min. Property class 8.8. Foundation must be dry and grease-free. Permissible additional radial forces on input shaft d1 on request.

减速机 Reductors

输出轴 d2 上允许的附加径向力 Permissible Additional Radial Forces on Output Shaft d2

类型 H1SH., H2S., H2S., H4S., B2S., B3S., B4S..

Types H1SH., H2S., H2S., H4S., B2S., B3S., B4S..

作用力不在轴端中部  
Application of force outside the  
centre of the shaft end

$FRZ2 = FR2 \times K$

FRZ2 允许的轴端外部径向力  
FRZ2 Permissible external radial force

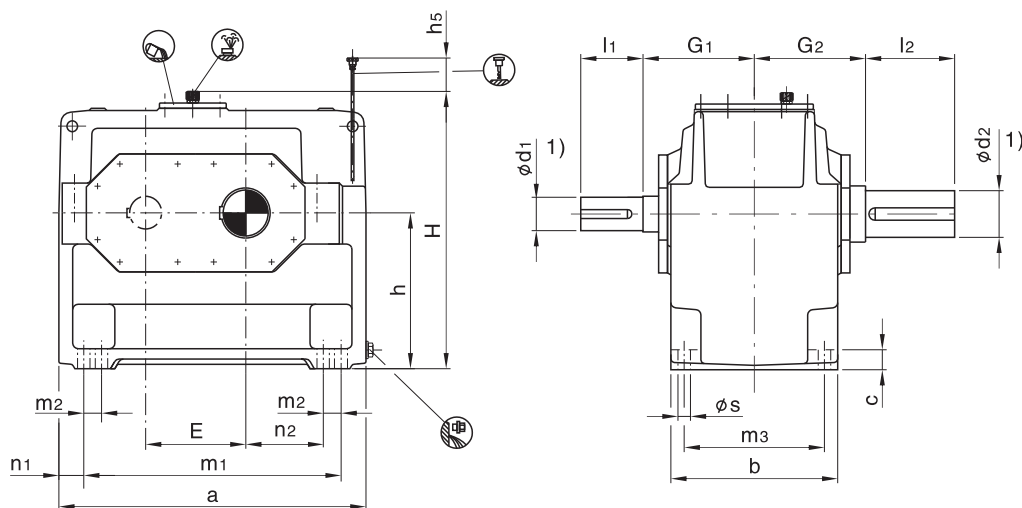
FR2 允许的附加径向力根据 217 页上的表确定  
FR2 Permissible additional radial force  
acc. to table page 217

K 作用力系数根据下表确定  
K Factor of application of force acc. to table

| 作用力系数 K  Factor of application of force K |                               |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------------------------------------|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 规格<br>Size                                | 距离 Z ( mm )  Distance Z in mm |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                           | -200                          | -150 | -100 | -75  | -50  | -25  | 0    | 25   | 50   | 75   | 100  | 150  | 200  | 250  | 300  |
| 1                                         |                               |      |      |      |      | 1.11 | 1.00 | 0.81 | 0.68 | 0.58 | 0.51 |      |      |      |      |
| 2                                         |                               |      |      |      |      | 1.11 | 1.00 | 0.83 | 0.71 | 0.63 | 0.56 |      |      |      |      |
| 3                                         |                               |      |      |      | 1.21 | 1.09 | 1.00 | 0.85 | 0.74 | 0.65 | 0.58 | 0.48 |      |      |      |
| 4                                         |                               |      |      |      | 1.17 | 1.08 | 1.00 | 0.86 | 0.76 | 0.68 | 0.62 | 0.52 | 0.44 |      |      |
| 5 + 6                                     |                               |      |      | 1.22 | 1.14 | 1.06 | 1.00 | 0.88 | 0.79 | 0.72 | 0.66 | 0.56 | 0.49 | 0.43 |      |
| 7 + 8                                     |                               |      |      | 1.19 | 1.12 | 1.06 | 1.00 | 0.89 | 0.81 | 0.74 | 0.68 | 0.58 | 0.51 | 0.46 | 0.41 |
| 9 + 10                                    |                               |      | 1.22 | 1.15 | 1.10 | 1.05 | 1.00 | 0.90 | 0.82 | 0.76 | 0.70 | 0.61 | 0.54 | 0.48 | 0.44 |
| 11 + 12                                   |                               |      | 1.18 | 1.13 | 1.08 | 1.04 | 1.00 | 0.91 | 0.84 | 0.78 | 0.73 | 0.64 | 0.57 | 0.51 | 0.47 |
| 13 + 14                                   |                               | 1.24 | 1.15 | 1.11 | 1.07 | 1.03 | 1.00 | 0.92 | 0.86 | 0.80 | 0.75 | 0.67 | 0.60 | 0.55 | 0.50 |
| 15 + 16                                   |                               | 1.20 | 1.12 | 1.09 | 1.06 | 1.03 | 1.00 | 0.93 | 0.87 | 0.82 | 0.77 | 0.69 | 0.63 | 0.58 | 0.53 |
| 17 + 18                                   | 1.25                          | 1.17 | 1.11 | 1.08 | 1.05 | 1.03 | 1.00 | 0.94 | 0.88 | 0.84 | 0.79 | 0.72 | 0.66 | 0.60 | 0.56 |

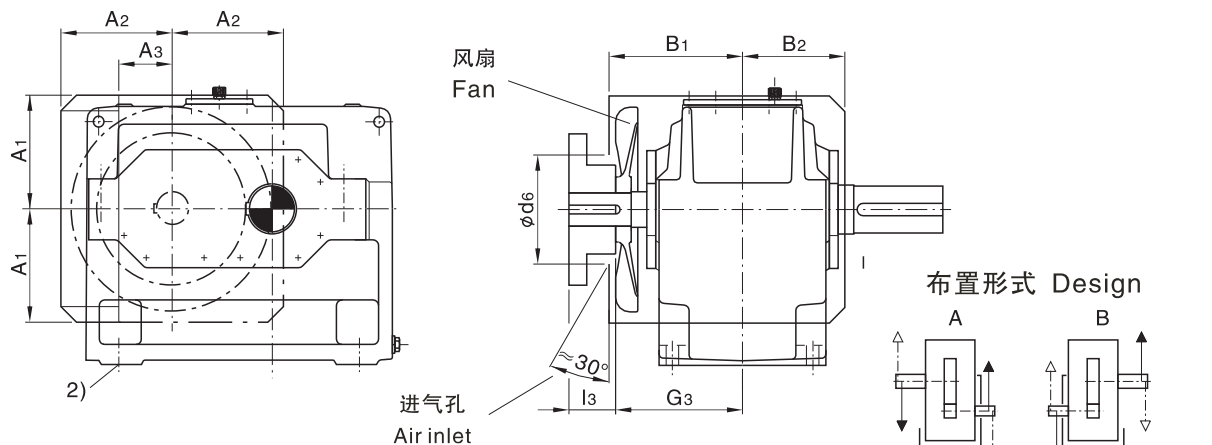
平行轴减速机 Helical Reductors 单级传动 Single Stage 卧式安装 Horizontal  
 类型 H1SH Type H1SH 规格1...19 Sizes 1...19

H1SH



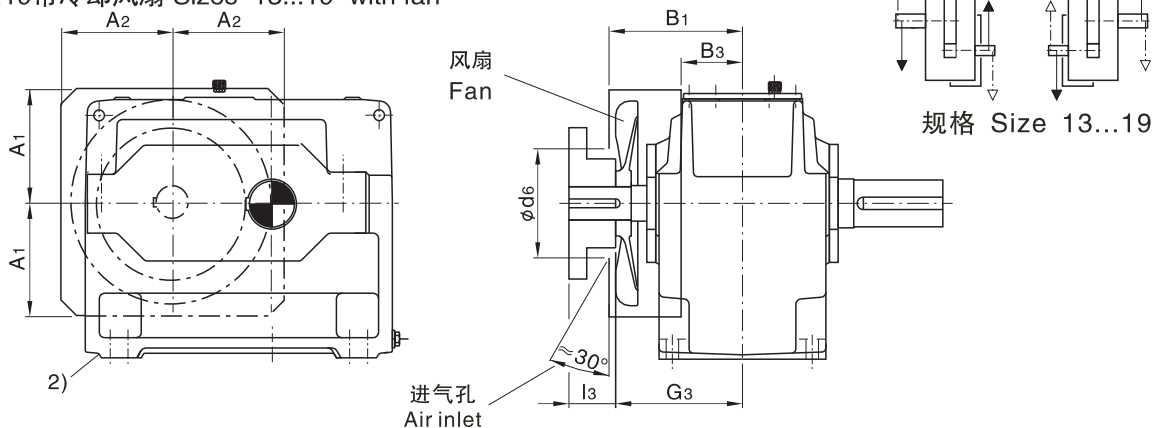
H1SH

规格 3...11带冷却风扇 Sizes 3...11 with fan



H1SH

规格 13...19带冷却风扇 Sizes 13...19 with fan



1)  $k_6 \leq \phi 50$   $m_6 > \phi 50$

有关平键GB/T1095-1979型和中心孔, 参见第279-280页。For parallel key GB/T1095-1979 and for centre hole, see page 279-280.

2) 在安装基础螺栓前, 应拆下风扇罩。Remove air guide cover before fitting the foundation bolts.

3) 规格1号不带风扇。Sizes 1 without fan.



平行轴减速机 Helical Reductors

单级传动 Single Stage

卧式安装 Horizontal

类型 H1SH Type H1SH

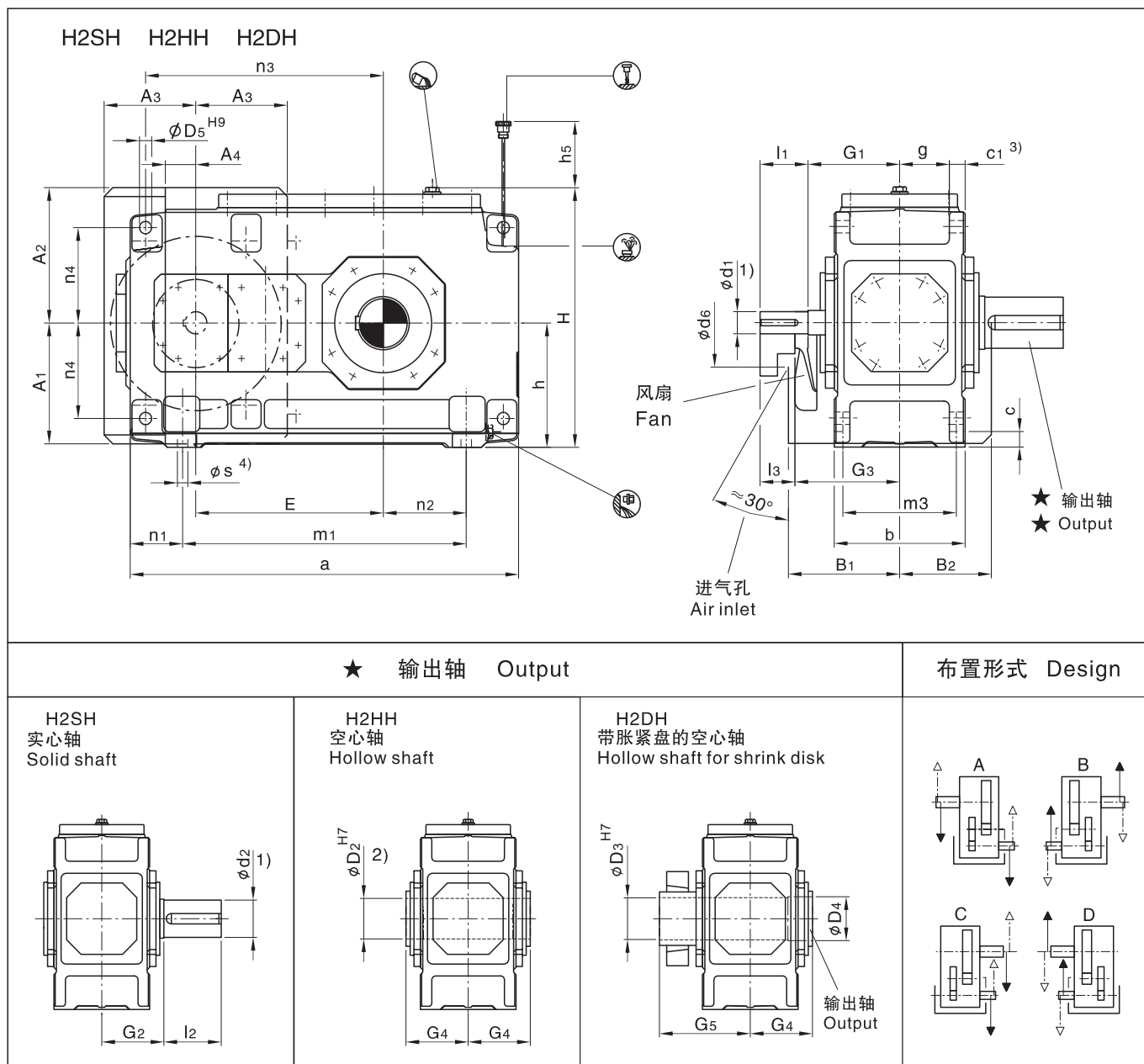
规格 1...19 Sizes 1...19

| 规格<br>Size | 尺寸mm Dimensions in mm        |                |                |                              |                |                |                              |                |                |                              |                |                |                              |                |                |                |                |
|------------|------------------------------|----------------|----------------|------------------------------|----------------|----------------|------------------------------|----------------|----------------|------------------------------|----------------|----------------|------------------------------|----------------|----------------|----------------|----------------|
|            | 输入轴 Input                    |                |                |                              |                |                |                              |                |                |                              |                |                |                              |                |                |                |                |
|            | i <sub>N</sub> =1.25–2.8     |                |                | i <sub>N</sub> =1.6–2.8      |                |                | i <sub>N</sub> =2–2.8        |                |                | i <sub>N</sub> =3.15–4       |                |                | i <sub>N</sub> =4.5–5.6      |                |                | G <sub>1</sub> | G <sub>3</sub> |
|            | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | l <sub>3</sub> |                |                |
| 1          | 40                           | 70             | –              |                              |                |                |                              |                |                | 30                           | 50             |                | 24                           | 40             | –              | 110            |                |
| 3          | 60                           | 125            | 105            |                              |                |                |                              |                |                | 45                           | 100            | 80             | 32                           | 80             | 60             | 170            | 190            |
| 5          | 85                           | 160            | 130            |                              |                |                |                              |                |                | 60                           | 135            | 105            | 50                           | 110            | 80             | 210            | 240            |
| 7          | 100                          | 200            | 165            |                              |                |                |                              |                |                | 75                           | 140            | 105            | 60                           | 140            | 105            | 250            | 285            |
| 9          | 110                          | 200            | 165            |                              |                |                |                              |                |                | 90                           | 165            | 130            | 75                           | 140            | 105            | 280            | 315            |
| 11         |                              |                |                | 130                          | 240            | 205            |                              |                |                | 110                          | 205            | 170            | 90                           | 170            | 135            | 325            | 360            |
| 13         |                              |                |                | 150                          | 245            | 200            |                              |                |                | 130                          | 245            | 200            | 100                          | 210            | 165            | 365            | 410            |
| 15         |                              |                |                |                              |                |                | 180                          | 290            | 240            | 150                          | 250            | 200            | 125                          | 250            | 200            | 360            | 410            |
| 17         |                              |                |                |                              |                |                | 200                          | 330            | 280            | 170                          | 290            | 240            | 140                          | 250            | 200            | 400            | 450            |
| 19         |                              |                |                |                              |                |                | 220                          | 340            | 290            | 190                          | 340            | 290            | 160                          | 300            | 250            | 440            | 490            |

| 规格<br>Size | 尺寸mm Dimensions in mm |                |                |                |     |                |                |                |    |                |     |     |                |      |                |                |                |                |                |    |
|------------|-----------------------|----------------|----------------|----------------|-----|----------------|----------------|----------------|----|----------------|-----|-----|----------------|------|----------------|----------------|----------------|----------------|----------------|----|
|            | 减速机 Reductors         |                |                |                |     |                |                |                |    |                |     |     |                |      |                |                |                |                |                |    |
|            | a                     | A <sub>1</sub> | A <sub>2</sub> | A <sub>3</sub> | b   | B <sub>1</sub> | B <sub>2</sub> | B <sub>3</sub> | c  | d <sub>6</sub> | E   | h   | h <sub>5</sub> | H    | m <sub>1</sub> | m <sub>2</sub> | m <sub>3</sub> | n <sub>1</sub> | n <sub>2</sub> | s  |
| 1          | 295                   | —              | —              | —              | 150 | —              | —              | —              | 18 | —              | 90  | 140 | 55             | 275  | 220            | —              | 120            | 37.5           | 80             | 12 |
| 3          | 420                   | 150            | 145            | 80             | 200 | 205            | 130            | —              | 28 | 130            | 130 | 200 | 85             | 375  | 310            | —              | 160            | 55             | 110            | 19 |
| 5          | 580                   | 225            | 215            | 115            | 285 | 255            | 185            | —              | 35 | 190            | 185 | 290 | 100            | 525  | 440            | —              | 240            | 70             | 160            | 24 |
| 7          | 690                   | 255            | 250            | 120            | 375 | 300            | 230            | —              | 45 | 245            | 225 | 350 | 75             | 625  | 540            | —              | 315            | 75             | 195            | 28 |
| 9          | 805                   | 300            | 265            | 140            | 425 | 330            | 265            | —              | 50 | 280            | 265 | 420 | 50             | 735  | 625            | —              | 350            | 90             | 225            | 35 |
| 11         | 960                   | 360            | 330            | 190            | 515 | 375            | 320            | —              | 60 | 350            | 320 | 500 | 40             | 875  | 770            | —              | 440            | 95             | 280            | 35 |
| 13         | 1100                  | 415            | 350            | —              | 580 | 430            | —              | 150            | 70 | 350            | 370 | 580 | 40             | 1020 | 870            | —              | 490            | 115            | 315            | 42 |
| 15         | 1295                  | 500            | 430            | —              | 545 | 430            | —              | 120            | 80 | 450            | 442 | 600 | 10             | 1115 | 1025           | —              | 450            | 135            | 370            | 48 |
| 17         | 1410                  | 550            | 430            | —              | 615 | 470            | —              | 150            | 80 | 445            | 490 | 670 | —              | 1235 | 1170           | 130            | 530            | 120            | 425            | 42 |
| 19         | 1590                  | 630            | 475            | —              | 690 | 510            | —              | 190            | 90 | 445            | 555 | 760 | —              | 1395 | 1290           | 150            | 590            | 150            | 465            | 48 |

| 规格<br>Size | 尺寸mm   Dimensions in mm      |                |                | 润滑油   Oil               | 重量<br>Weight<br>(kg) |
|------------|------------------------------|----------------|----------------|-------------------------|----------------------|
|            | 输出轴   Output                 |                |                | 轴封<br>Shaft seal<br>(l) |                      |
|            | d <sub>2</sub> <sup>1)</sup> | G <sub>2</sub> | l <sub>2</sub> |                         |                      |
| 1          | 45                           | 110            | 80             | 2.5                     | 55                   |
| 3          | 60                           | 170            | 125            | 7                       | 128                  |
| 5          | 85                           | 210            | 160            | 22                      | 302                  |
| 7          | 105                          | 250            | 200            | 42                      | 547                  |
| 9          | 125                          | 270            | 210            | 68                      | 862                  |
| 11         | 150                          | 320            | 240            | 120                     | 1515                 |
| 13         | 180                          | 360            | 310            | 175                     | 2395                 |
| 15         | 220                          | 360            | 350            | 190                     | 3200                 |
| 17         | 240                          | 400            | 400            | 270                     | 4250                 |
| 19         | 270                          | 440            | 450            | 390                     | 5800                 |

平行轴减速机 Helical Reductors      两级传动 Two stage      卧式安装 Horizontal  
 类型 H2.H Type H2.H      规格 3...12 Sizes 3...12



1)  $k_6 \leq \phi 50$   $m_6 > \phi 50$

有关平键GB/T1095-1979型和中心孔, 参见第279-280页。For parallel key GB/T1095-1979 and for centre hole, see page 279-280.

2) 在安装基础螺栓前, 应拆下风扇罩。Remove air guide cover before fitting the foundation bolts.

3) 扭力支撑位在于工作机侧。Torque support on driven machine side.

4) 在安装螺栓前, 应先拆下风扇罩。Remove air guide cover before fitting the foundation bolts.

平行轴减速机 Helical Reductors

两级传动 Two stage

卧式安装 Horizontal

类型 H2.H Type H2.H

规格 3...12 Sizes 3...12

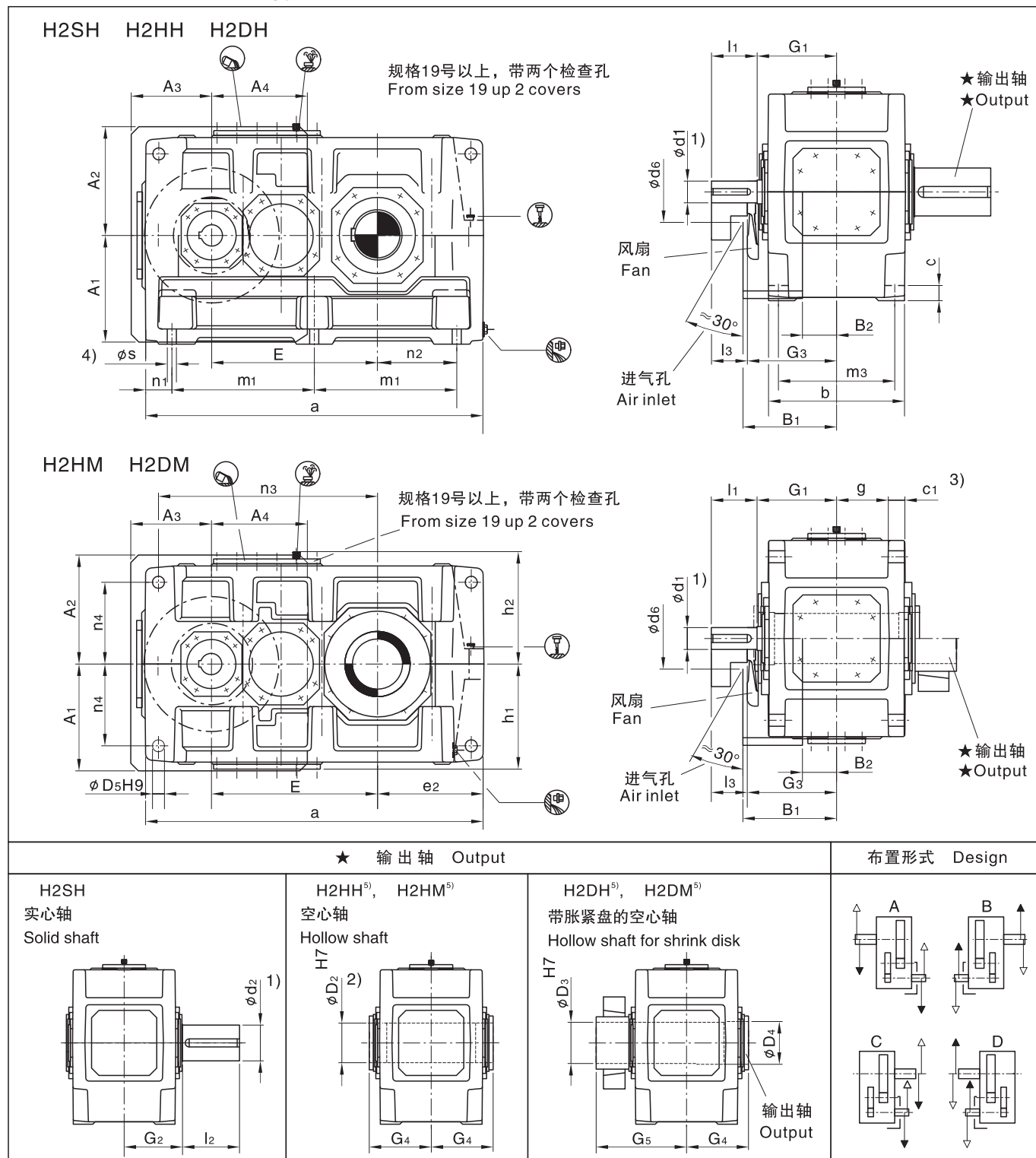
| 规格<br>Size | 尺寸 mm    Dimensions in mm |     |     |                  |     |     |                  |     |     |                  |     |     |     |     |
|------------|---------------------------|-----|-----|------------------|-----|-----|------------------|-----|-----|------------------|-----|-----|-----|-----|
|            | 输入轴    Input              |     |     |                  |     |     |                  |     |     |                  |     |     |     |     |
|            | iN=6.3-11.2               |     |     | iN=8-14          |     |     | iN=12.5-22.4     |     |     | iN=16-28         |     |     | G1  | G3  |
|            | d1 <sup>1)</sup>          | l1  | l3  | d1 <sup>1)</sup> | l1  | l3  | d1 <sup>1)</sup> | l1  | l3  | d1 <sup>1)</sup> | l1  | l3  |     |     |
| 3          | 35                        | 60  | —   |                  |     |     | 28               | 50  |     |                  |     |     | 135 | —   |
| 4          | 45                        | 100 | 80  |                  |     |     | 32               | 80  | 60  |                  |     |     | 170 | 190 |
| 5          | 50                        | 100 | 80  |                  |     |     | 38               | 80  | 60  |                  |     |     | 195 | 215 |
| 6          |                           |     |     | 50               | 100 | 80  |                  |     |     | 38               | 80  | 60  | 195 | 215 |
| 7          | 60                        | 135 | 105 |                  |     |     | 50               | 110 | 80  |                  |     |     | 210 | 240 |
| 8          |                           |     |     | 60               | 135 | 105 |                  |     |     | 50               | 110 | 80  | 210 | 240 |
| 9          | 75                        | 140 | 110 |                  |     |     | 60               | 140 | 110 |                  |     |     | 240 | 270 |
| 10         |                           |     |     | 75               | 140 | 110 |                  |     |     | 60               | 140 | 110 | 240 | 270 |
| 11         | 90                        | 165 | 130 |                  |     |     | 70               | 140 | 105 |                  |     |     | 275 | 310 |
| 12         |                           |     |     | 90               | 165 | 130 |                  |     |     | 70               | 140 | 105 | 275 | 310 |

| 规格<br>Size | 尺寸mm Dimensions in mm |     |     |     |     |     |     |       |    |          |    |     |
|------------|-----------------------|-----|-----|-----|-----|-----|-----|-------|----|----------|----|-----|
|            | 减速机 Reductors         |     |     |     |     |     |     |       |    |          |    |     |
|            | a                     | A1  | A2  | A3  | A4  | b   | B1  | B2    | c  | c1       | D5 | d6  |
| 3          | 450                   | -   | -   | -   | -   | 190 | -   | -     | 22 | 24 ± 1   | 18 | -   |
| 4          | 565                   | 195 | 225 | 150 | 30  | 215 | 205 | 158   | 28 | 30 ± 1   | 24 | 136 |
| 5          | 640                   | 225 | 260 | 175 | 55  | 255 | 230 | 177.5 | 28 | 30 ± 1   | 24 | 150 |
| 6          | 720                   | 225 | 260 | 175 | 55  | 255 | 230 | 177.5 | 28 | 30 ± 1   | 24 | 150 |
| 7          | 785                   | 272 | 305 | 210 | 70  | 300 | 255 | 210   | 35 | 36 ± 1   | 28 | 200 |
| 8          | 890                   | 272 | 305 | 210 | 70  | 300 | 255 | 210   | 35 | 36 ± 1   | 28 | 200 |
| 9          | 925                   | 312 | 355 | 240 | 100 | 370 | 285 | 245   | 40 | 45 ± 1.5 | 36 | 200 |
| 10         | 1025                  | 312 | 355 | 240 | 100 | 370 | 285 | 245   | 40 | 45 ± 1.5 | 36 | 200 |
| 11         | 1105                  | 372 | 420 | 285 | 135 | 430 | 325 | 285   | 50 | 54 ± 1.5 | 40 | 210 |
| 12         | 1260                  | 372 | 420 | 285 | 135 | 430 | 325 | 285   | 50 | 54 ± 1.5 | 40 | 210 |

| 规格<br>Size | 尺寸mm Dimensions in mm |      |     |     |     |     |     |     |     |     |       |    |
|------------|-----------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-------|----|
|            | 减速机 Reductors         |      |     |     |     |     |     |     |     |     |       |    |
|            | E                     | g    | h   | h5  | H   | m1  | m3  | n1  | n2  | n3  | n4    | s  |
| 3          | 220                   | 71   | 175 | 110 | 360 | 290 | 160 | 80  | 65  | 285 | 132.5 | 15 |
| 4          | 270                   | 77.5 | 200 | 110 | 415 | 355 | 180 | 105 | 85  | 345 | 150   | 19 |
| 5          | 315                   | 97.5 | 230 | 150 | 482 | 430 | 220 | 105 | 100 | 405 | 180   | 19 |
| 6          | 350                   | 97.5 | 230 | 150 | 482 | 510 | 220 | 105 | 145 | 440 | 180   | 19 |
| 7          | 385                   | 114  | 280 | 190 | 572 | 545 | 260 | 120 | 130 | 500 | 215   | 24 |
| 8          | 430                   | 114  | 280 | 190 | 582 | 650 | 260 | 120 | 190 | 545 | 215   | 24 |
| 9          | 450                   | 140  | 320 | 205 | 662 | 635 | 320 | 145 | 155 | 585 | 245   | 28 |
| 10         | 500                   | 140  | 320 | 215 | 662 | 735 | 320 | 145 | 205 | 635 | 245   | 28 |
| 11         | 545                   | 161  | 380 | 250 | 782 | 775 | 370 | 165 | 180 | 710 | 300   | 35 |
| 12         | 615                   | 161  | 380 | 250 | 790 | 930 | 370 | 165 | 265 | 780 | 300   | 35 |

| 规格<br>Size | 尺寸mm      Dimensions in mm |     |     |                  |     |      |     |     |     | 润滑油 Oil                 | 重量<br>Weight<br>(kg) |
|------------|----------------------------|-----|-----|------------------|-----|------|-----|-----|-----|-------------------------|----------------------|
|            | 输出轴      Output            |     |     |                  |     |      |     |     |     | 轴封<br>Shaft seal<br>(l) |                      |
|            | H2SH                       |     |     | H2HH             |     | H2DH |     |     |     |                         |                      |
|            | d2 <sup>1)</sup>           | G2  | I2  | D2 <sup>2)</sup> | G4  | D3   | D4  | G4  | G5  |                         |                      |
| 3          | 65                         | 125 | 140 | 65               | 125 | 70   | 70  | 125 | 180 | 6                       | 115                  |
| 4          | 80                         | 140 | 170 | 80               | 140 | 85   | 85  | 140 | 205 | 10                      | 190                  |
| 5          | 100                        | 165 | 210 | 95               | 165 | 100  | 100 | 165 | 240 | 15                      | 300                  |
| 6          | 110                        | 165 | 210 | 105              | 165 | 110  | 110 | 165 | 240 | 16                      | 355                  |
| 7          | 120                        | 195 | 210 | 115              | 195 | 120  | 120 | 195 | 280 | 27                      | 505                  |
| 8          | 130                        | 195 | 250 | 125              | 195 | 130  | 130 | 195 | 285 | 30                      | 590                  |
| 9          | 140                        | 235 | 250 | 135              | 235 | 140  | 145 | 235 | 330 | 42                      | 830                  |
| 10         | 160                        | 235 | 300 | 150              | 235 | 150  | 155 | 235 | 350 | 45                      | 960                  |
| 11         | 170                        | 270 | 300 | 165              | 270 | 165  | 170 | 270 | 400 | 71                      | 1335                 |
| 12         | 180                        | 270 | 300 | 180              | 270 | 180  | 185 | 270 | 405 | 76                      | 1615                 |

平行轴减速机 Helical Reductors 两级传动 Two stage 卧式安装 Horizontal  
 类型 H2.H, H2.M Types H2.H, H2.M 规格 13...22 Sizes 13...22



1)  $k_6 \leq \Phi 50$   $m_6 > \Phi 50$

有关平键 GB/T1095-1979 型和中心孔, 参见第 279-280 页。For parallel key GB/T1095-1979 and for center hole, see page 279-280.

2) 键槽 GB/T1095-1979。Keyway GB/T1095-1979.

3) 扭力支撑位于工作机侧。Torque support on driver machine side.

4) 在安装基础螺栓前, 应拆下风扇罩。Remove air guide cover before fitting the foundation bolts.

5) 规格 13 和 15 号: 速比只有  $i_n=6.3-18$ ; 规格 17 和 19 号: 速比只有  $i_n=6.3-16$ 。

Sizes 13 and 15: only  $i_n=6.3-18$ ; Sizes 17 and 19: only  $i_n=6.3-16$ .

平行轴减速机 Helical Reductors

两级传动 Two Stage

卧式安装 Horizontal

类型 H2.H, H2.M Types H2.H, H2.M

规格 13...22 Sizes 13...22

| 规格<br>Size | 尺寸mm<br>Dimension in mm |                |                |                   |                |                |                   |                |                |                   |                |                |                   |                |                |                   |                |                |                |                |
|------------|-------------------------|----------------|----------------|-------------------|----------------|----------------|-------------------|----------------|----------------|-------------------|----------------|----------------|-------------------|----------------|----------------|-------------------|----------------|----------------|----------------|----------------|
|            | 输入轴<br>Input            |                |                |                   |                |                |                   |                |                |                   |                |                |                   |                |                |                   |                |                |                |                |
|            | in=6.3-11.2             |                |                | in=7.1-12.5       |                |                | in=8-14           |                |                | in=12.5-20        |                |                | in=14-22.4        |                |                | in=16-25          |                |                | G <sub>1</sub> | G <sub>3</sub> |
|            | d <sub>1</sub> 1)       | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> 1) | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> 1) | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> 1) | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> 1) | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> 1) | l <sub>1</sub> | l <sub>3</sub> |                |                |
| 13         | 100                     | 205            | 170            |                   |                |                |                   |                |                | 85                | 170            | 135            |                   |                |                |                   |                |                | 330            | 365            |
| 14         |                         |                |                |                   |                |                | 100               | 205            | 170            |                   |                |                |                   |                |                | 85                | 170            | 135            | 330            | 365            |
| 15         | 120                     | 210            | 165            |                   |                |                |                   |                |                | 100               | 210            | 165            |                   |                |                |                   |                |                | 365            | 410            |
| 16         |                         |                |                | 120               | 210            | 165            |                   |                |                |                   |                |                | 100               | 210            | 165            |                   |                |                | 365            | 410            |
| 17         | 125                     | 245            | 200            |                   |                |                |                   |                |                | 110               | 210            | 165            |                   |                |                |                   |                |                | 420            | 465            |
| 18         |                         |                |                | 125               | 245            | 200            |                   |                |                |                   |                |                | 110               | 210            | 165            |                   |                |                | 420            | 465            |
| 19         | 150                     | 245            | 200            |                   |                |                |                   |                |                | 120               | 210            | 165            |                   |                |                |                   |                |                | 475            | 520            |
| 20         |                         |                |                | 150               | 245            | 200            |                   |                |                |                   |                |                | 120               | 210            | 165            |                   |                |                | 475            | 520            |
| 21         | 170                     | 290            | 240            |                   |                |                |                   |                |                | 140               | 250            | 200            |                   |                |                |                   |                |                | 495            | 545            |
| 22         |                         |                |                | 170               | 290            | 240            |                   |                |                |                   |                |                | 140               | 250            | 200            |                   |                |                | 495            | 545            |

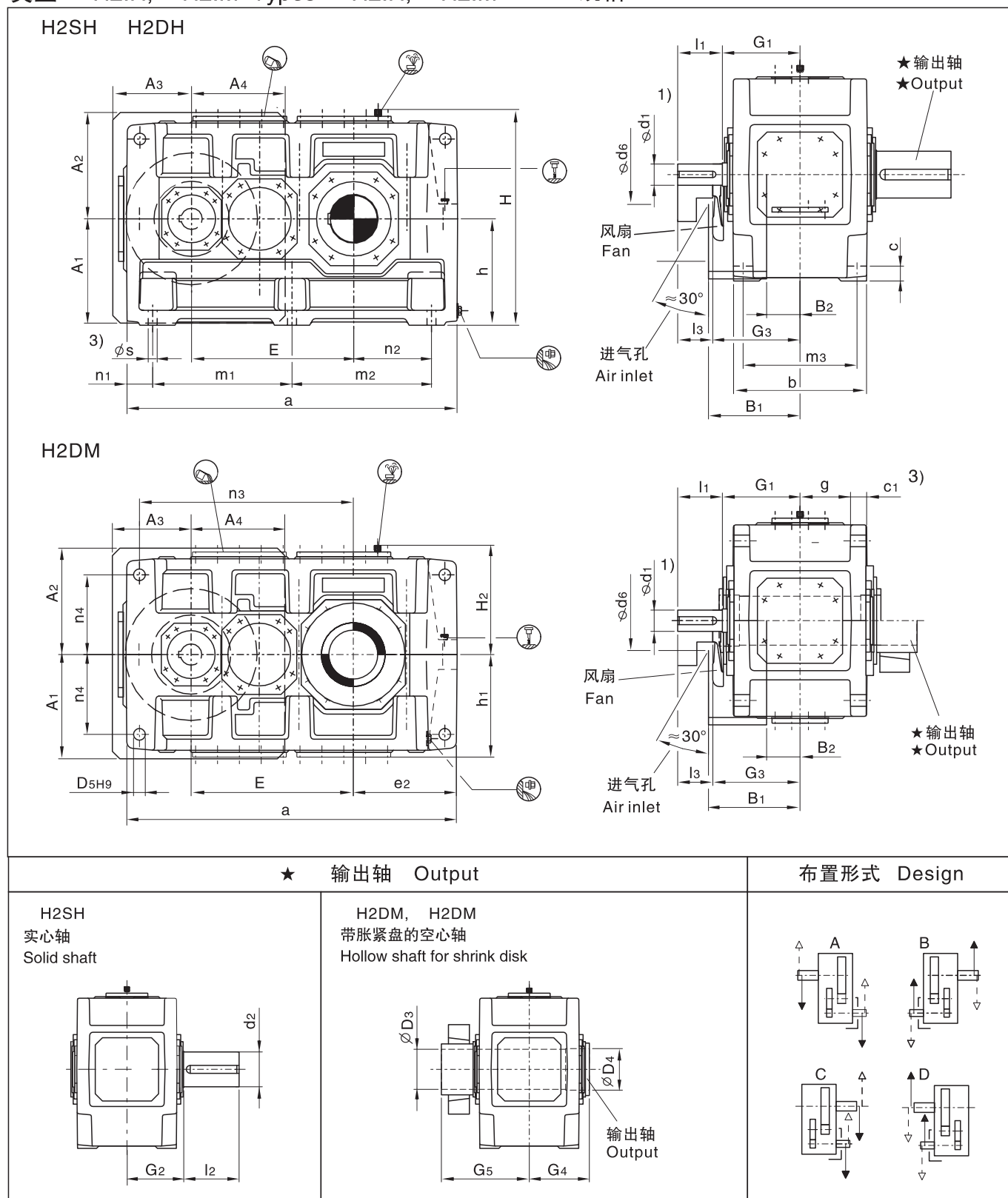
| 规格<br>Size | 尺寸mm Dimension in mm |                |                |                |                |     |                |                |     |                |                |                |                |      |  |
|------------|----------------------|----------------|----------------|----------------|----------------|-----|----------------|----------------|-----|----------------|----------------|----------------|----------------|------|--|
|            | 减速机 Reductors        |                |                |                |                |     |                |                |     |                |                |                |                |      |  |
|            | a                    | A <sub>1</sub> | A <sub>2</sub> | A <sub>3</sub> | A <sub>4</sub> | b   | B <sub>1</sub> | B <sub>2</sub> | c   | c <sub>1</sub> | d <sub>6</sub> | D <sub>5</sub> | e <sub>2</sub> | E    |  |
| 13         | 1290                 | 430            | 460            | 330            | 365            | 550 | 385            | 135            | 60  | 61 ± 2         | 250            | 48             | 405            | 635  |  |
| 14         | 1430                 | 430            | 460            | 330            | 365            | 550 | 385            | 135            | 60  | 61 ± 2         | 250            | 48             | 475            | 705  |  |
| 15         | 1550                 | 490            | 500            | 370            | 440            | 625 | 430            | 155            | 70  | 72 ± 2         | 280            | 55             | 485            | 762  |  |
| 16         | 1640                 | 490            | 500            | 370            | 440            | 625 | 430            | 155            | 70  | 72 ± 2         | 280            | 55             | 530            | 808  |  |
| 17         | 1740                 | 540            | 565            | 435            | 505            | 690 | 485            | 140            | 80  | 81 ± 2         | 280            | 55             | 525            | 860  |  |
| 18         | 1860                 | 540            | 565            | 435            | 505            | 690 | 485            | 140            | 80  | 81 ± 2         | 280            | 55             | 585            | 920  |  |
| 19         | 2010                 | 600            | 600            | 500            | 450            | 790 | 540            | 190            | 90  | 91 ± 2         | 310            | 65             | 590            | 997  |  |
| 20         | 2130                 | 600            | 600            | 500            | 450            | 790 | 540            | 190            | 90  | 91 ± 2         | 310            | 65             | 650            | 1057 |  |
| 21         | 2140                 | 680            | 680            | 500            | 610            | 830 | 565            | 200            | 100 | 100 ± 2        | 450            | 75             | 655            | 1067 |  |
| 22         | 2250                 | 680            | 680            | 500            | 610            | 830 | 565            | 200            | 100 | 100 ± 2        | 450            | 75             | 710            | 1122 |  |

| 规格<br>Size | 尺寸mm Dimension in mm |     |                |                |      |                |                |                |                |                |                |                |    |
|------------|----------------------|-----|----------------|----------------|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----|
|            | 减速机 Reductors        |     |                |                |      |                |                |                |                |                |                |                |    |
|            | g                    | h   | h <sub>1</sub> | h <sub>2</sub> | H    | m <sub>1</sub> | m <sub>2</sub> | m <sub>3</sub> | n <sub>1</sub> | n <sub>2</sub> | n <sub>3</sub> | n <sub>4</sub> | s  |
| 13         | 211.5                | 440 | 450            | 460            | 900  | 545            | 545            | 475            | 100            | 305            | 835            | 340            | 35 |
| 14         | 211.5                | 440 | 450            | 460            | 900  | 545            | 685            | 475            | 100            | 375            | 905            | 340            | 35 |
| 15         | 238                  | 500 | 490            | 500            | 1000 | 655            | 655            | 535            | 120            | 365            | 1005           | 375            | 42 |
| 16         | 238                  | 500 | 490            | 500            | 1000 | 655            | 745            | 535            | 120            | 410            | 1050           | 375            | 42 |
| 17         | 259                  | 550 | 555            | 560            | 1110 | 735            | 735            | 600            | 135            | 390            | 1145           | 425            | 42 |
| 18         | 259                  | 550 | 555            | 560            | 1110 | 735            | 855            | 600            | 135            | 450            | 1205           | 425            | 42 |
| 19         | 299                  | 620 | 615            | 620            | 1240 | 850            | 850            | 690            | 155            | 435            | 1345           | 475            | 48 |
| 20         | 299                  | 620 | 615            | 620            | 1240 | 850            | 970            | 690            | 155            | 495            | 1405           | 475            | 48 |
| 21         | 310                  | 700 | 685            | 690            | 1390 | 900            | 900            | 720            | 170            | 485            | 1400           | 520            | 56 |
| 22         | 310                  | 700 | 685            | 690            | 1390 | 900            | 1010           | 720            | 170            | 540            | 1455           | 520            | 56 |

| 规格<br>Size | 尺寸mm Dimensions in mm |                |                |                                       |                |                                       |                |                |                | 润滑油 Oil                 |      | 重量<br>Weight |      |
|------------|-----------------------|----------------|----------------|---------------------------------------|----------------|---------------------------------------|----------------|----------------|----------------|-------------------------|------|--------------|------|
|            | 输出轴 Gear units        |                |                |                                       |                |                                       |                |                |                | H2.H                    | H2.M |              |      |
|            | H2SH                  |                |                | H2HH <sup>5)</sup> H2HM <sup>5)</sup> |                | H2DH <sup>5)</sup> H2DM <sup>5)</sup> |                |                |                | 轴封<br>Shaft seal<br>(l) |      | H2.H         | H2.M |
|            | d <sub>2</sub> 1)     | G <sub>2</sub> | l <sub>2</sub> | D <sub>2</sub> 2)                     | G <sub>4</sub> | D <sub>3</sub>                        | D <sub>4</sub> | G <sub>4</sub> | G <sub>5</sub> |                         |      | (kg)         | (kg) |
| 13         | 200                   | 335            | 350            | 190                                   | 335            | 190                                   | 195            | 335            | 480            | 135                     | 110  | 2000         | 1880 |
| 14         | 210                   | 335            | 350            | 210                                   | 335            | 210                                   | 215            | 335            | 480            | 140                     | 115  | 2570         | 2430 |
| 15         | 230                   | 380            | 410            | 230                                   | 380            | 230                                   | 235            | 380            | 550            | 210                     | 160  | 3430         | 3240 |
| 16         | 240                   | 380            | 410            | 240                                   | 380            | 240                                   | 245            | 380            | 550            | 215                     | 165  | 3655         | 3465 |
| 17         | 250                   | 415            | 410            | 250                                   | 415            | 250                                   | 260            | 415            | 600            | 290                     | 230  | 4650         | 4420 |
| 18         | 270                   | 415            | 470            | 275                                   | 415            | 280                                   | 285            | 415            | 600            | 300                     | 240  | 5125         | 4870 |
| 19         | 290                   | 465            | 470            | —                                     | —              | 285                                   | 295            | 465            | 670            | 320                     | 300  | 5250         | 5000 |
| 20         | 300                   | 465            | 500            | —                                     | —              | 310                                   | 315            | 465            | 670            | 340                     | 320  | 6550         | 6150 |
| 21         | 320                   | 490            | 500            | —                                     | —              | 330                                   | 335            | 490            | 715            | 320                     | 350  | 7200         | 6950 |
| 22         | 340                   | 490            | 550            | —                                     | —              | 340                                   | 345            | 490            | 725            | 340                     | 370  | 7800         | 7550 |



平行轴减速机 Helical Reductors 两级传动 Two Stage 卧式安装 Horizontal  
 类型 H2.H, H2.M Types H2.H, H2.M 规格 23...26 Sizes 23...26



1)  $k_6 \leq \Phi 50$   $m_6 > \Phi 50$

有关平键 GB/T1095-1979型和中心孔,参见第279-280页。 For parallel key GB/T1095-1979 and for center hole,see page 279-280 .

2) 键槽 GB/T1095-1979。 Keyway GB/T 1095-1979.

3) 扭力支撑位于工作机侧。 Torque support on driven machine side.

平行轴减速机 Helical Reductors

两级传动 Two stage

卧式安装 Horizontal

类型 H2.H, H2.M

Types H2.H, H2.M

规格 23...26

Sizes 23...26

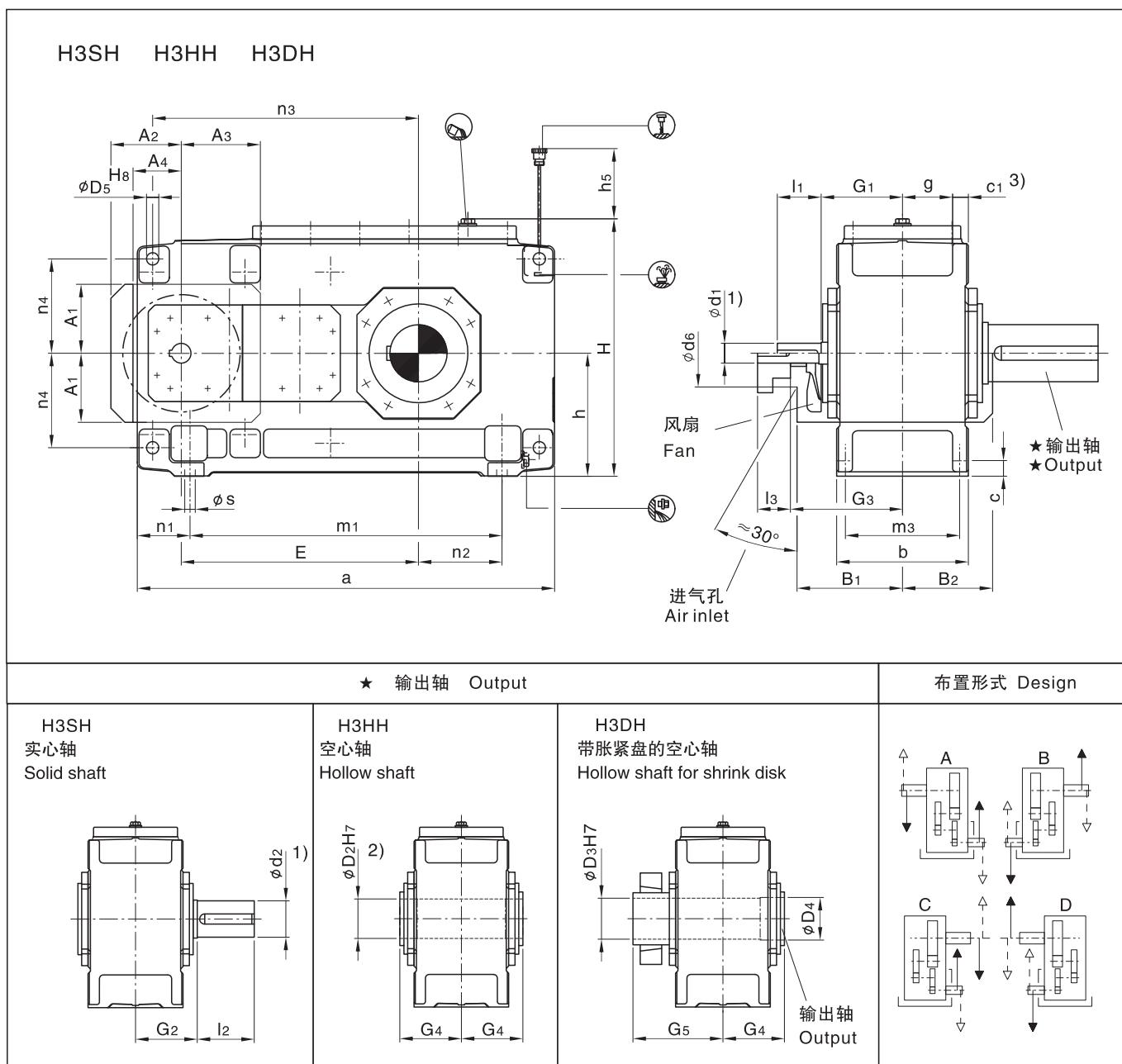
| 规格<br>Size | 尺寸 mm    Dimensions in mm |     |     |                 |     |     |                |     |     |                |     |     |     |     |
|------------|---------------------------|-----|-----|-----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|-----|-----|
|            | 输入轴    Input              |     |     |                 |     |     |                |     |     |                |     |     |     |     |
|            | iN = 6.3 – 11.2           |     |     | iN = 7.1 – 12.5 |     |     | iN = 12.5 – 20 |     |     | iN = 14 – 22.4 |     |     | G1  | G3  |
|            | d1 1)                     | l1  | l3  | d1 1)           | l1  | l3  | d1 1)          | l1  | l3  | d1 1)          | l1  | l3  |     |     |
| 23         | 190                       | 330 | 280 |                 |     |     | 150            | 250 | 200 |                |     |     | 560 | 610 |
| 24         |                           |     |     | 190             | 330 | 280 |                |     |     | 150            | 250 | 200 | 560 | 610 |
| 25         | 200                       | 340 | 290 |                 |     |     | 170            | 300 | 250 |                |     |     | 600 | 650 |
| 26         |                           |     |     | 200             | 340 | 290 |                |     |     | 170            | 300 | 250 | 600 | 650 |

| 规格<br>Size | 尺寸mm      Dimensions in mm |                |                |                |                |      |                |                |     |                |                |                |                |      |
|------------|----------------------------|----------------|----------------|----------------|----------------|------|----------------|----------------|-----|----------------|----------------|----------------|----------------|------|
|            | 减速机 Reductors              |                |                |                |                |      |                |                |     |                |                |                |                |      |
|            | a                          | A <sub>1</sub> | A <sub>2</sub> | A <sub>3</sub> | A <sub>4</sub> | b    | B <sub>1</sub> | B <sub>2</sub> | c   | c <sub>1</sub> | d <sub>6</sub> | D <sub>5</sub> | e <sub>2</sub> | E    |
| 23         | 2380                       | 770            | 770            | 550            | 550            | 930  | 630            | 220            | 115 | 120 ± 2        | 450            | 80             | 730            | 1185 |
| 24         | 2510                       | 770            | 770            | 550            | 550            | 930  | 630            | 220            | 115 | 120 ± 2        | 450            | 80             | 795            | 1250 |
| 25         | 2580                       | 845            | 865            | 550            | 550            | 1045 | 670            | 240            | 130 | 120 ± 2        | 450            | 90             | 790            | 1325 |
| 26         | 2760                       | 845            | 865            | 550            | 550            | 1045 | 670            | 240            | 130 | 120 ± 2        | 450            | 90             | 880            | 1415 |

| 规格<br>Size | 尺寸mm      Dimensions in mm |     |                |                |      |                |                |                |                |                |                |                |    |
|------------|----------------------------|-----|----------------|----------------|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----|
|            | 减速机 Reductors              |     |                |                |      |                |                |                |                |                |                |                |    |
|            | g                          | h   | h <sub>1</sub> | h <sub>2</sub> | H    | m <sub>1</sub> | m <sub>2</sub> | m <sub>3</sub> | n <sub>1</sub> | n <sub>2</sub> | n <sub>3</sub> | n <sub>4</sub> | s  |
| 23         | 342                        | 780 | 770            | 770            | 1550 | 1010           | 1010           | 810            | 180            | 550            | 1560           | 580            | 56 |
| 24         | 342                        | 780 | 770            | 770            | 1550 | 1010           | 1140           | 810            | 180            | 615            | 1625           | 580            | 56 |
| 25         | 400                        | 860 | 860            | 860            | 1720 | 1090           | 1090           | 910            | 200            | 590            | 1685           | 660            | 66 |
| 26         | 400                        | 860 | 860            | 860            | 1720 | 1090           | 1270           | 910            | 200            | 680            | 1775           | 660            | 66 |

| 规格<br>Size | 尺寸 mm<br>Dimensions in mm |     |     |      |     |      |     | 润滑油<br>Oil |      | 重量<br>Weight |       |
|------------|---------------------------|-----|-----|------|-----|------|-----|------------|------|--------------|-------|
|            | 输出轴<br>Output             |     |     |      |     |      |     |            |      |              |       |
|            | H2SH                      |     |     | H2DH |     | H2DM |     | H2.H       | H2.M | H2.H         | H2.M  |
|            | d2 1)                     | G2  | l2  | D3   | D4  | G4   | G5  | (l)        | (l)  | (kg)         | (kg)  |
| 23         | 360                       | 540 | 590 | 360  | 365 | 540  | 785 | 430        | 470  | 11600        | 11000 |
| 24         | 380                       | 540 | 590 | 380  | 385 | 540  | 805 | 450        | 500  | 13000        | 12300 |
| 25         | 400                       | 605 | 650 | 400  | 405 | 605  | 875 | 600        | 660  | 15500        | 14700 |
| 26         | 420                       | 605 | 650 | 430  | 435 | 605  | 900 | 640        | 700  | 17200        | 16200 |

平行轴减速机 Helical Reductors    三级传动 Three Stage    卧式安装 Horizontal  
 类型 H3.H Types    H3.H    规格 5...12 Sizes 5...12



1)  $k_6 \leq \Phi 50$   $m_6 > \Phi 50$

有关平键 GB/T1095-1979 型和中心孔, 参见第 279-280 页。For parallel key GB/T1095-1979 and for center hole, see page 279-280.

2) 键槽 GB/T1095-1979。Keyway GB/T1095-1979.

3) 扭力支撑位于工作侧。Torque support on driven machine side.

平行轴减速机 Helical Reductors

三级传动 Three Stage

卧式安装 Horizontal

类型 H3.H Types H3.H

规格 5...12 Sizes 5...12

| 规格<br>Size | 尺寸mm      Dimensions in mm |                |                |                   |                |                |                   |                |                |                   |                |                |                   |                |                |                   |                |                |                |                |
|------------|----------------------------|----------------|----------------|-------------------|----------------|----------------|-------------------|----------------|----------------|-------------------|----------------|----------------|-------------------|----------------|----------------|-------------------|----------------|----------------|----------------|----------------|
|            | 输入轴      Input             |                |                |                   |                |                |                   |                |                |                   |                |                |                   |                |                |                   |                |                | G <sub>1</sub> | G <sub>3</sub> |
|            | iN = 25 – 45               |                |                | iN = 31.5 – 56    |                |                | iN = 50 – 63      |                |                | iN = 63 – 80      |                |                | iN = 71 – 90      |                |                | iN = 90 – 112     |                |                |                |                |
|            | d <sub>1</sub> 1)          | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> 1) | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> 1) | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> 1) | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> 1) | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> 1) | l <sub>1</sub> | l <sub>3</sub> |                |                |
| 5          | 40                         | 70             | 70             |                   |                |                | 30                | 50             | 50             |                   |                |                | 24                | 40             | 40             |                   |                |                | 160            | 220            |
| 6          |                            |                |                | 40                | 70             | 70             |                   |                |                | 30                | 50             | 50             |                   |                |                | 24                | 40             | 40             | 160            | 220            |
| 7          | 45                         | 80             | 80             |                   |                |                | 35                | 60             | 60             |                   |                |                | 28                | 50             | 50             |                   |                |                | 185            | 250            |
| 8          |                            |                |                | 45                | 80             | 80             |                   |                |                | 35                | 60             | 60             |                   |                |                | 28                | 50             | 50             | 185            | 250            |
| 9          | 60                         | 125            | 105            |                   |                |                | 45                | 100            | 80             |                   |                |                | 32                | 80             | 60             |                   |                |                | 230            | 300            |
| 10         |                            |                |                | 60                | 125            | 105            |                   |                |                | 45                | 100            | 80             |                   |                |                | 32                | 80             | 60             | 230            | 300            |
| 11         | 70                         | 120            | 120            |                   |                |                | 50                | 80             | 80             |                   |                |                | 42                | 70             | 70             |                   |                |                | 255            | 330            |
| 12         |                            |                |                | 70                | 120            | 120            |                   |                |                | 50                | 80             | 80             |                   |                |                | 42                | 70             | 70             | 255            | 330            |

| 规格<br>Size | 尺寸mm      Dimensions in mm |     |     |     |     |     |     |     |    |          |     |    |
|------------|----------------------------|-----|-----|-----|-----|-----|-----|-----|----|----------|-----|----|
|            | 减速机 Reductors              |     |     |     |     |     |     |     |    |          |     |    |
|            | a                          | A1  | A2  | A3  | A4  | b   | B1  | B2  | c  | c1       | d6  | D5 |
| 5          | 690                        | 137 | 135 | 140 | 80  | 255 | 215 | 175 | 28 | 30 ± 1   | 60  | 24 |
| 6          | 770                        | 137 | 135 | 140 | 80  | 255 | 215 | 175 | 28 | 30 ± 1   | 60  | 24 |
| 7          | 845                        | 157 | 160 | 180 | 100 | 300 | 245 | 205 | 35 | 36 ± 1   | 75  | 28 |
| 8          | 950                        | 157 | 160 | 180 | 100 | 300 | 245 | 205 | 35 | 36 ± 1   | 75  | 28 |
| 9          | 1000                       | 182 | 190 | 205 | 120 | 370 | 295 | 240 | 40 | 45 ± 1.5 | 90  | 36 |
| 10         | 1100                       | 182 | 190 | 205 | 120 | 370 | 295 | 240 | 40 | 45 ± 1.5 | 90  | 36 |
| 11         | 1200                       | 218 | 220 | 255 | 150 | 430 | 325 | 280 | 50 | 54 ± 1.5 | 100 | 40 |
| 12         | 1355                       | 218 | 220 | 255 | 150 | 430 | 325 | 280 | 50 | 54 ± 1.5 | 100 | 40 |

| 规格<br>Size | 尺寸mm      Dimensions in mm |      |     |                |     |                |                |                |                |                |                |    |
|------------|----------------------------|------|-----|----------------|-----|----------------|----------------|----------------|----------------|----------------|----------------|----|
|            | 减速机 Reductors              |      |     |                |     |                |                |                |                |                |                |    |
|            | E                          | g    | h   | h <sub>5</sub> | H   | m <sub>1</sub> | m <sub>3</sub> | n <sub>1</sub> | n <sub>2</sub> | n <sub>3</sub> | n <sub>4</sub> | s  |
| 5          | 405                        | 97.5 | 230 | 130            | 482 | 480            | 220            | 105            | 100            | 455            | 180            | 19 |
| 6          | 440                        | 97.5 | 230 | 130            | 482 | 560            | 220            | 105            | 145            | 490            | 180            | 19 |
| 7          | 495                        | 114  | 280 | 170            | 572 | 605            | 260            | 120            | 130            | 560            | 215            | 24 |
| 8          | 540                        | 114  | 280 | 160            | 582 | 710            | 260            | 120            | 190            | 605            | 215            | 24 |
| 9          | 580                        | 140  | 320 | 185            | 662 | 710            | 320            | 145            | 155            | 660            | 245            | 28 |
| 10         | 630                        | 140  | 320 | 185            | 662 | 810            | 320            | 145            | 205            | 710            | 245            | 28 |
| 11         | 705                        | 161  | 380 | 180            | 782 | 870            | 370            | 165            | 180            | 805            | 300            | 35 |
| 12         | 775                        | 161  | 380 | 170            | 790 | 1025           | 370            | 165            | 265            | 875            | 300            | 35 |

| 规格<br>Size | 尺寸mm      Dimensions in mm |                |                |                   |                |                |                |                |                | 润滑油<br>Oil<br>(l) | 重量<br>Weight<br>(kg) |
|------------|----------------------------|----------------|----------------|-------------------|----------------|----------------|----------------|----------------|----------------|-------------------|----------------------|
|            | 输出轴      Output            |                |                |                   |                |                |                |                |                |                   |                      |
|            | H3SH                       |                |                | H3HH              |                | H3DH           |                |                |                |                   |                      |
|            | d <sub>2</sub> 1)          | G <sub>2</sub> | l <sub>2</sub> | D <sub>2</sub> 2) | G <sub>4</sub> | D <sub>3</sub> | D <sub>4</sub> | G <sub>4</sub> | G <sub>5</sub> |                   |                      |
| 5          | 100                        | 165            | 210            | 95                | 165            | 100            | 100            | 165            | 240            | 15                | 320                  |
| 6          | 110                        | 165            | 210            | 105               | 165            | 110            | 110            | 165            | 240            | 17                | 365                  |
| 7          | 120                        | 195            | 210            | 115               | 195            | 120            | 120            | 195            | 280            | 28                | 540                  |
| 8          | 130                        | 195            | 250            | 125               | 195            | 130            | 130            | 195            | 285            | 30                | 625                  |
| 9          | 140                        | 235            | 250            | 135               | 235            | 140            | 145            | 235            | 330            | 45                | 875                  |
| 10         | 160                        | 235            | 300            | 150               | 235            | 150            | 155            | 235            | 350            | 46                | 1020                 |
| 11         | 170                        | 270            | 300            | 165               | 270            | 165            | 170            | 270            | 400            | 85                | 1400                 |
| 12         | 180                        | 270            | 300            | 180               | 270            | 180            | 185            | 270            | 405            | 90                | 1675                 |



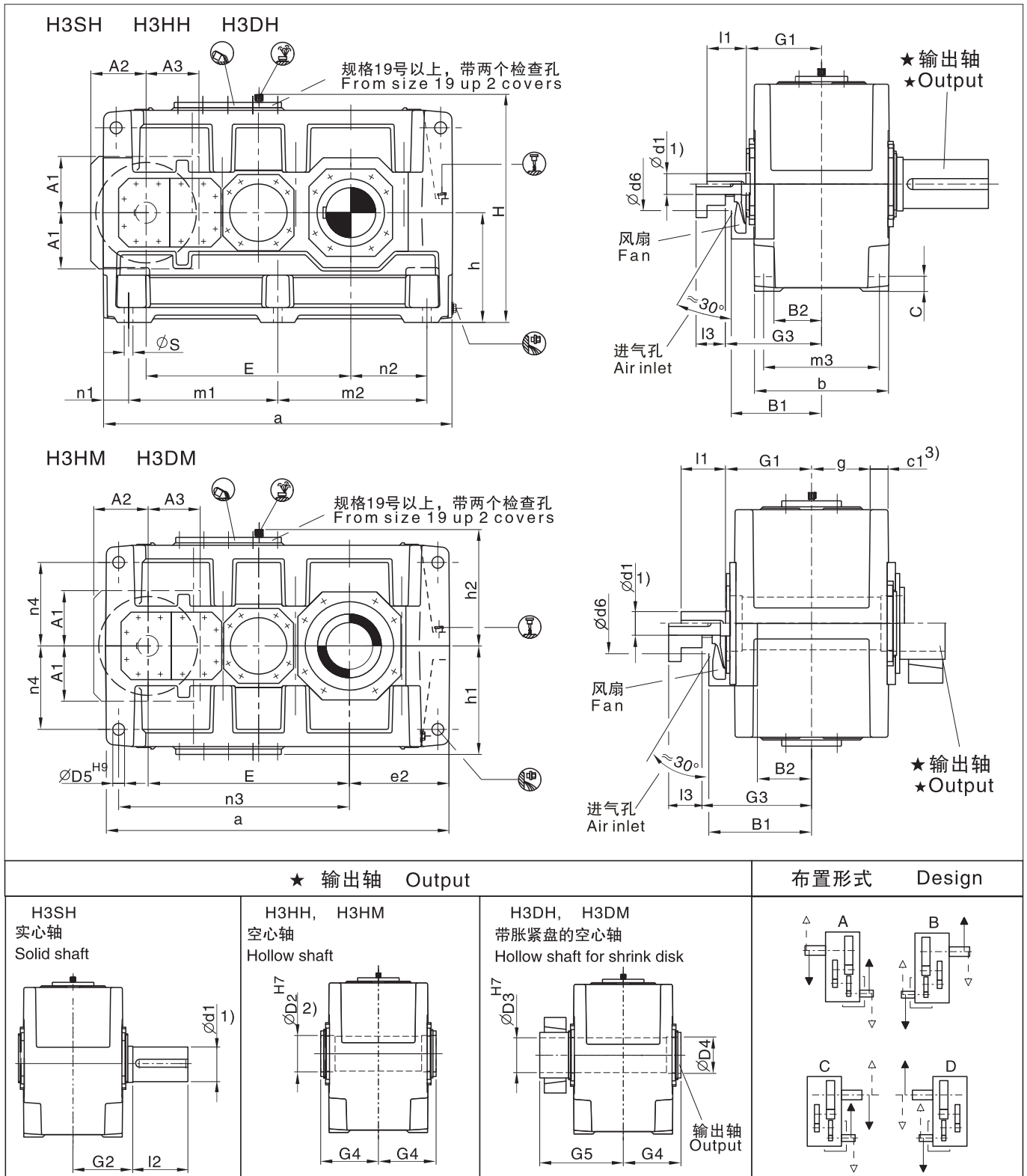
# SAILAN

平行轴减速机 Helical Reductors 三级传动 Three Stage

卧式安装 Horizontal

类型 H3.H, H3.M Types H3.H, H3.M

规格 13...22 Sizes 13...22



1)  $k_6 \leq \Phi 50$   $m_6 > \Phi 50$

有关平键 GB/T1095-1979型和中心孔, 参见第279-280页。For parallel key GB/T1095-1979 and for center hole, see page 279-280.

2) 键槽 GB/T1095-1979。Keyway GB/T1095-1979.

3) 扭力支撑位于工作机侧。Torque support on driven machine side.



平行轴减速机 Helical Reductors 三级传动 Three Stage 卧式安装 Horizontal

类型 H3.H, H3.M Types H3.H, H3.M 规格 13...22 Sizes 13...22

| 规格<br>Size | 尺寸 mm                      Dimensions in mm |                |                |                                       |                |                |                   |                |                |                                   |                |                |                   |                |                |                                       |                |                |                |                |
|------------|---------------------------------------------|----------------|----------------|---------------------------------------|----------------|----------------|-------------------|----------------|----------------|-----------------------------------|----------------|----------------|-------------------|----------------|----------------|---------------------------------------|----------------|----------------|----------------|----------------|
|            | 输入轴                      Input              |                |                |                                       |                |                |                   |                |                |                                   |                |                |                   |                |                |                                       |                |                |                |                |
|            | $i_N = 22.4 - 45$                           |                |                | $i_N = 25 - 50$<br>$i_N = 28 - 56$ *) |                |                | $i_N = 50 - 63$   |                |                | $i_N = 56-71$<br>$i_N = 63-80$ *) |                |                | $i_N = 71 - 90$   |                |                | $i_N = 80-100$ *)<br>$i_N = 90 - 112$ |                |                | G <sub>1</sub> | G <sub>3</sub> |
|            | d <sub>1</sub> 1)                           | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> 1)                     | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> 1) | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> 1)                 | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> 1) | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> 1)                     | l <sub>1</sub> | l <sub>3</sub> |                |                |
| 13         | 85                                          | 160            | 130            |                                       |                |                | 60                | 135            | 105            |                                   |                |                | 50                | 110            | 80             |                                       |                |                | 310            | 385            |
| 14         |                                             |                |                | 85                                    | 160            | 130            |                   |                |                | 60                                | 135            | 105            |                   |                |                | 50                                    | 110            | 80             | 310            | 385            |
| 15         | 100                                         | 200            | 165            |                                       |                |                | 75                | 140            | 105            |                                   |                |                | 60                | 140            | 105            |                                       |                |                | 350            | 420            |
| 16         |                                             |                |                | 100                                   | 200            | 165            |                   |                |                | 75                                | 140            | 105            |                   |                |                | 60                                    | 140            | 105            | 350            | 420            |
| 17         | 100                                         | 200            | 165            |                                       |                |                | 75                | 140            | 105            |                                   |                |                | 60                | 140            | 105            |                                       |                |                | 380            | 450            |
| 18         |                                             |                |                | 100                                   | 200            | 165            |                   |                |                | 75                                | 140            | 105            |                   |                |                | 60                                    | 140            | 105            | 380            | 450            |
| 19         | 110                                         | 200            | 4)             |                                       |                |                | 90                | 165            | 4)             |                                   |                |                | 75                | 140            | 4)             |                                       |                |                | 430            | 4)             |
| 20         |                                             |                |                | 110                                   | 200            | 4)             |                   |                |                | 90                                | 165            | 4)             |                   |                |                | 75                                    | 140            | 4)             | 430            | 4)             |
| 21         | 130                                         | 240            | 4)             |                                       |                |                | 110               | 205            | 4)             |                                   |                |                | 90                | 170            | 4)             |                                       |                |                | 470            | 4)             |
| 22         |                                             |                |                | 130                                   | 240            | 4)             |                   |                |                | 110                               | 205            | 4)             |                   |                |                | 90                                    | 170            | 4)             | 470            | 4)             |

\* 仅指规格14号齿轮箱      Only size 14

| 规格<br>Size | 尺寸 mm      Dimensions in mm |                |                |                |     |                |                |     |                |                |                |                |      |
|------------|-----------------------------|----------------|----------------|----------------|-----|----------------|----------------|-----|----------------|----------------|----------------|----------------|------|
|            | 减速机 Reductors               |                |                |                |     |                |                |     |                |                |                |                |      |
|            | a                           | A <sub>1</sub> | A <sub>2</sub> | A <sub>3</sub> | b   | B <sub>1</sub> | B <sub>2</sub> | c   | c <sub>1</sub> | d <sub>6</sub> | D <sub>5</sub> | e <sub>2</sub> | E    |
| 13         | 1395                        | 225            | 225            | 212            | 550 | 380            | 195            | 60  | 61 ± 2         | 120            | 48             | 405            | 820  |
| 14         | 1535                        | 225            | 225            | 212            | 550 | 380            | 195            | 60  | 61 ± 2         | 120            | 48             | 475            | 890  |
| 15         | 1680                        | 270            | 265            | 252            | 625 | 415            | 205            | 70  | 72 ± 2         | 150            | 55             | 485            | 987  |
| 16         | 1770                        | 270            | 265            | 252            | 625 | 415            | 205            | 70  | 72 ± 2         | 150            | 55             | 530            | 1033 |
| 17         | 1770                        | 270            | 265            | 252            | 690 | 445            | 235            | 80  | 81 ± 2         | 150            | 55             | 525            | 1035 |
| 18         | 1890                        | 270            | 265            | 252            | 690 | 445            | 235            | 80  | 81 ± 2         | 150            | 55             | 585            | 1095 |
| 19         | 2030                        | 4)             | 4)             | 4)             | 790 | 4)             | 4)             | 90  | 91 ± 2         | 4)             | 65             | 590            | 1190 |
| 20         | 2150                        |                |                |                | 790 |                |                | 90  | 91 ± 2         |                | 65             | 650            | 1250 |
| 21         | 2340                        |                |                |                | 830 |                |                | 100 | 100 ± 2        |                | 75             | 655            | 1387 |
| 22         | 2450                        |                |                |                | 830 |                |                | 100 | 100 ± 2        |                | 75             | 710            | 1442 |

| 规格<br>Size | 尺寸 mm      Dimensions in mm |     |                |                |      |                |                |                |                |                |                |                |    |
|------------|-----------------------------|-----|----------------|----------------|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----|
|            | 减速机 Reductors               |     |                |                |      |                |                |                |                |                |                |                |    |
|            | g                           | h   | h <sub>1</sub> | h <sub>2</sub> | H    | m <sub>1</sub> | m <sub>2</sub> | m <sub>3</sub> | n <sub>1</sub> | n <sub>2</sub> | n <sub>3</sub> | n <sub>4</sub> | s  |
| 13         | 211.5                       | 440 | 450            | 460            | 900  | 597.5          | 597.5          | 475            | 100            | 305            | 940            | 340            | 35 |
| 14         | 211.5                       | 440 | 450            | 460            | 900  | 597.5          | 737.5          | 475            | 100            | 375            | 1010           | 340            | 35 |
| 15         | 238                         | 500 | 490            | 500            | 1000 | 720            | 720            | 535            | 120            | 365            | 1135           | 375            | 42 |
| 16         | 238                         | 500 | 490            | 500            | 1000 | 720            | 810            | 535            | 120            | 410            | 1180           | 375            | 42 |
| 17         | 259                         | 550 | 555            | 560            | 1110 | 750            | 750            | 600            | 135            | 390            | 1175           | 425            | 42 |
| 18         | 259                         | 550 | 555            | 560            | 1110 | 750            | 870            | 600            | 135            | 450            | 1235           | 425            | 42 |
| 19         | 299                         | 620 | 615            | 620            | 1240 | 860            | 860            | 690            | 155            | 435            | 1365           | 475            | 48 |
| 20         | 299                         | 620 | 615            | 620            | 1240 | 860            | 980            | 690            | 155            | 495            | 1425           | 475            | 48 |
| 21         | 310                         | 700 | 685            | 690            | 1390 | 1000           | 1000           | 720            | 170            | 485            | 1615           | 520            | 56 |
| 22         | 310                         | 700 | 685            | 690            | 1390 | 1000           | 1110           | 720            | 170            | 540            | 1670           | 520            | 56 |

| 规格<br><br>Size | 尺寸 mm<br>Dimensions in mm    |                |                |                              |                |                |                |                |                | 润滑油<br>Oil |      | 重量<br>Weight |      |
|----------------|------------------------------|----------------|----------------|------------------------------|----------------|----------------|----------------|----------------|----------------|------------|------|--------------|------|
|                | 输出轴<br>Output                |                |                |                              |                |                |                |                |                |            |      |              |      |
|                | H3SH                         |                |                | H3HH                         | H3HM           | H3DH           |                | H3DM           |                | H3.H       | H3.M | H3.H         | H3.M |
|                | d <sub>2</sub> <sup>1)</sup> | G <sub>2</sub> | l <sub>2</sub> | D <sub>2</sub> <sup>2)</sup> | G <sub>4</sub> | D <sub>3</sub> | D <sub>4</sub> | G <sub>4</sub> | G <sub>5</sub> | (l)        | (l)  | (kg)         | (kg) |
| 13             | 200                          | 335            | 350            | 190                          | 335            | 190            | 195            | 335            | 480            | 160        | 125  | 2295         | 2155 |
| 14             | 210                          | 335            | 350            | 210                          | 335            | 210            | 215            | 335            | 480            | 165        | 130  | 2625         | 2490 |
| 15             | 230                          | 380            | 410            | 230                          | 380            | 230            | 235            | 380            | 550            | 235        | 190  | 3475         | 3260 |
| 16             | 240                          | 380            | 410            | 240                          | 380            | 240            | 245            | 380            | 550            | 245        | 195  | 3875         | 3625 |
| 17             | 250                          | 415            | 410            | 250                          | 415            | 250            | 260            | 415            | 600            | 305        | 240  | 4560         | 4250 |
| 18             | 270                          | 415            | 470            | 275                          | 415            | 280            | 285            | 415            | 600            | 315        | 250  | 5030         | 4740 |
| 19             | 290                          | 465            | 470            | —                            | —              | 285            | 295            | 465            | 670            | 420        | 390  | 5050         | 4750 |
| 20             | 300                          | 465            | 500            | —                            | —              | 310            | 315            | 465            | 670            | 450        | 415  | 6650         | 6250 |
| 21             | 320                          | 490            | 500            | —                            | —              | 330            | 335            | 490            | 715            | 470        | 515  | 6950         | 6550 |
| 22             | 340                          | 490            | 550            | —                            | —              | 340            | 345            | 490            | 725            | 490        | 540  | 7550         | 7050 |

4)根据用户要求供货      On request

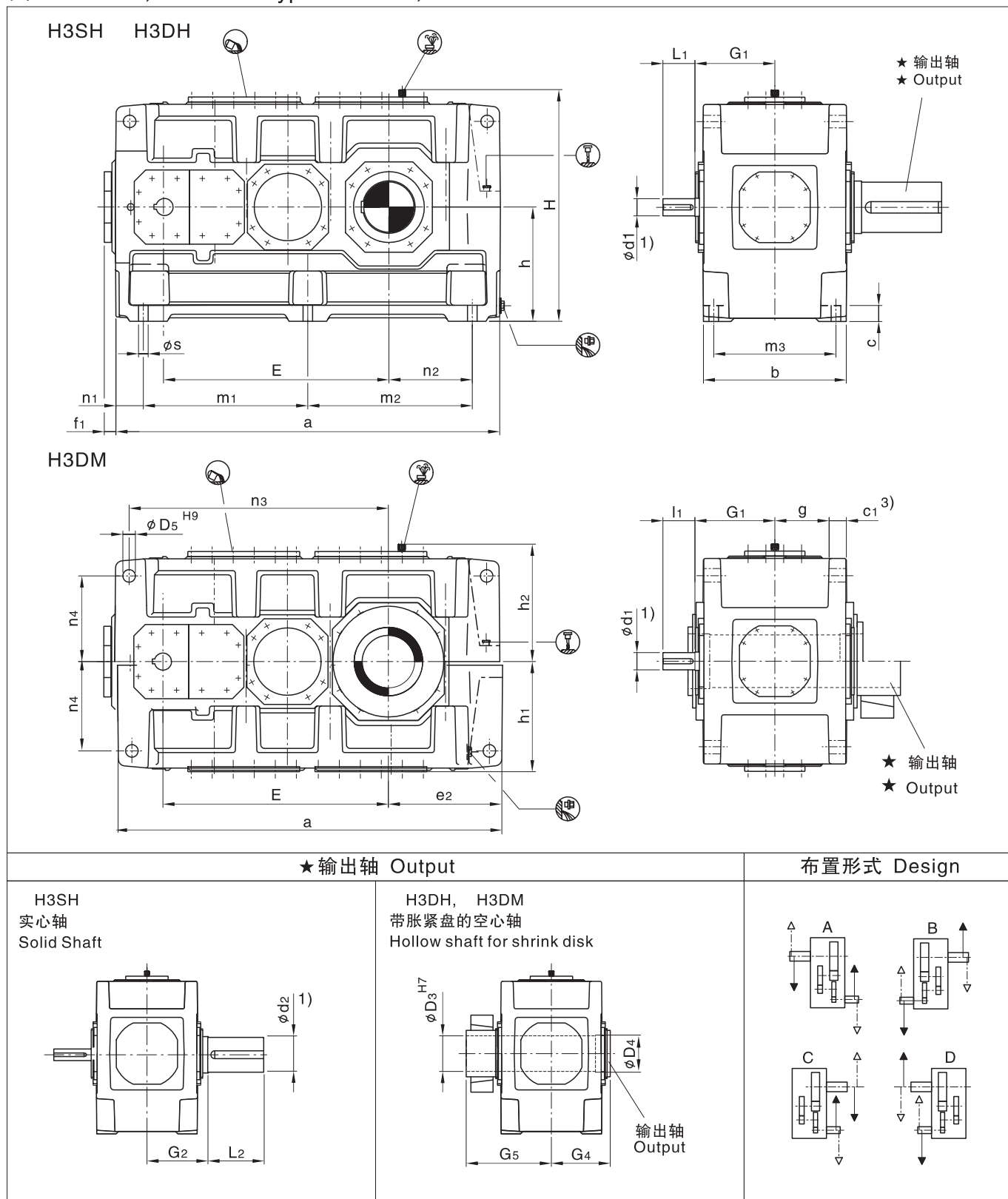
平行轴减速机 Helical Reductors

三级传动 Three Stage

卧式安装 Horizontal

类型 H3.H, H3.M Types H3.H, H3.M

规格 23...26 Sizes 23...26



1)  $k_6 \leq \Phi 50$   $m_6 > \Phi 50$

有关平键 GB/T1095-1979 型和中心孔, 参见第 279-280 页。For parallel key GB/T1095-1979 and for center hole, see page 279-280.

2) 键槽 GB/T1095-1979 Keyway GB/T1095-1979.

3) 扭力支撑位于工作机侧。Torque support on driven machine side.

平行轴减速机 Helical Reductors

三级传动 Three Stage

卧式安装 Horizontal

类型 H3.H, H3.M Types H3.H, H3.M

规格 23...26 Sizes 23...26

| 规格<br>Size | 尺寸mm Dimensions in mm |                |                   |                |                   |                |                   |                |                   |                |                   |                |                |
|------------|-----------------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|----------------|
|            | 输入轴 Input             |                |                   |                |                   |                |                   |                |                   |                |                   |                |                |
|            | in = 22.4 – 45        |                | in = 25 – 50      |                | in = 50 – 63      |                | in = 56 – 71      |                | in = 71 – 90      |                | in = 80 – 100     |                | G <sub>1</sub> |
|            | d <sub>1</sub> 1)     | l <sub>1</sub> | d <sub>1</sub> 1) | l <sub>1</sub> | d <sub>1</sub> 1) | l <sub>1</sub> | d <sub>1</sub> 1) | l <sub>1</sub> | d <sub>1</sub> 1) | l <sub>1</sub> | d <sub>1</sub> 1) | l <sub>1</sub> |                |
| 23         | 130                   | 240            |                   |                | 110               | 205            |                   |                | 90                | 170            |                   |                | 510            |
| 24         |                       |                | 130               | 240            |                   |                | 110               | 205            |                   |                | 90                | 170            | 510            |
| 25         | 150                   | 245            |                   |                | 130               | 245            |                   |                | 100               | 210            |                   |                | 570            |
| 26         |                       |                | 150               | 245            |                   |                | 130               | 245            |                   |                | 100               | 210            | 570            |

| 规格<br>Size | 尺寸mm Dimensions in mm |      |     |         |    |     |      |    |     |     |     |
|------------|-----------------------|------|-----|---------|----|-----|------|----|-----|-----|-----|
|            | 减速机 Reductors         |      |     |         |    |     |      |    |     |     |     |
|            | a                     | b    | c   | c1      | D5 | e2  | E    | f1 | g   | h   | h1  |
| 23         | 2530                  | 930  | 115 | 120 ± 2 | 80 | 730 | 1505 | 35 | 342 | 780 | 770 |
| 24         | 2660                  | 930  | 115 | 120 ± 2 | 80 | 795 | 1570 | 35 | 342 | 780 | 770 |
| 25         | 2830                  | 1045 | 130 | 120 ± 2 | 90 | 790 | 1659 | 65 | 400 | 860 | 860 |
| 26         | 3010                  | 1045 | 130 | 120 ± 2 | 90 | 880 | 1785 | 65 | 400 | 860 | 860 |

| 规格<br>Size | 尺寸mm Dimensions in mm |      |                |                |                |                |                |                |                |    |
|------------|-----------------------|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----|
|            | 减速机 Reductors         |      |                |                |                |                |                |                |                |    |
|            | h <sub>2</sub>        | H    | m <sub>1</sub> | m <sub>2</sub> | m <sub>3</sub> | n <sub>1</sub> | n <sub>2</sub> | n <sub>3</sub> | n <sub>4</sub> | s  |
| 23         | 790                   | 1570 | 1085           | 1085           | 810            | 180            | 550            | 1725           | 580            | 56 |
| 24         | 790                   | 1570 | 1085           | 1215           | 810            | 180            | 615            | 1790           | 580            | 56 |
| 25         | 860                   | 1720 | 1215           | 1215           | 910            | 200            | 590            | 1965           | 660            | 66 |
| 26         | 860                   | 1720 | 1215           | 1395           | 910            | 200            | 680            | 2055           | 660            | 66 |

| 规格<br>Size | 尺寸mm   Dimensions in mm |     |     |      |     |      |     | 润滑油<br>Oil |      | 重量<br>Weight |       |
|------------|-------------------------|-----|-----|------|-----|------|-----|------------|------|--------------|-------|
|            | 输出轴   Output            |     |     |      |     |      |     |            |      |              |       |
|            | H3SH                    |     |     | H3DH |     | H3DM |     | H3.H       | H3.M | H3.H         | H3.M  |
|            | D2 1)                   | G2  | l2  | D3   | D4  | G4   | G5  | (1)        | (1)  | (Kg)         | (Kg)  |
| 23         | 360                     | 540 | 590 | 360  | 365 | 540  | 785 | 620        | 690  | 11500        | 10600 |
| 24         | 380                     | 540 | 590 | 380  | 385 | 540  | 805 | 650        | 725  | 13400        | 12500 |
| 25         | 400                     | 605 | 650 | 400  | 405 | 605  | 875 | 880        | 970  | 16100        | 15200 |
| 26         | 420                     | 605 | 650 | 430  | 435 | 605  | 900 | 935        | 1030 | 17600        | 16500 |



# SAILAN

平行轴减速机 Helical Reductors

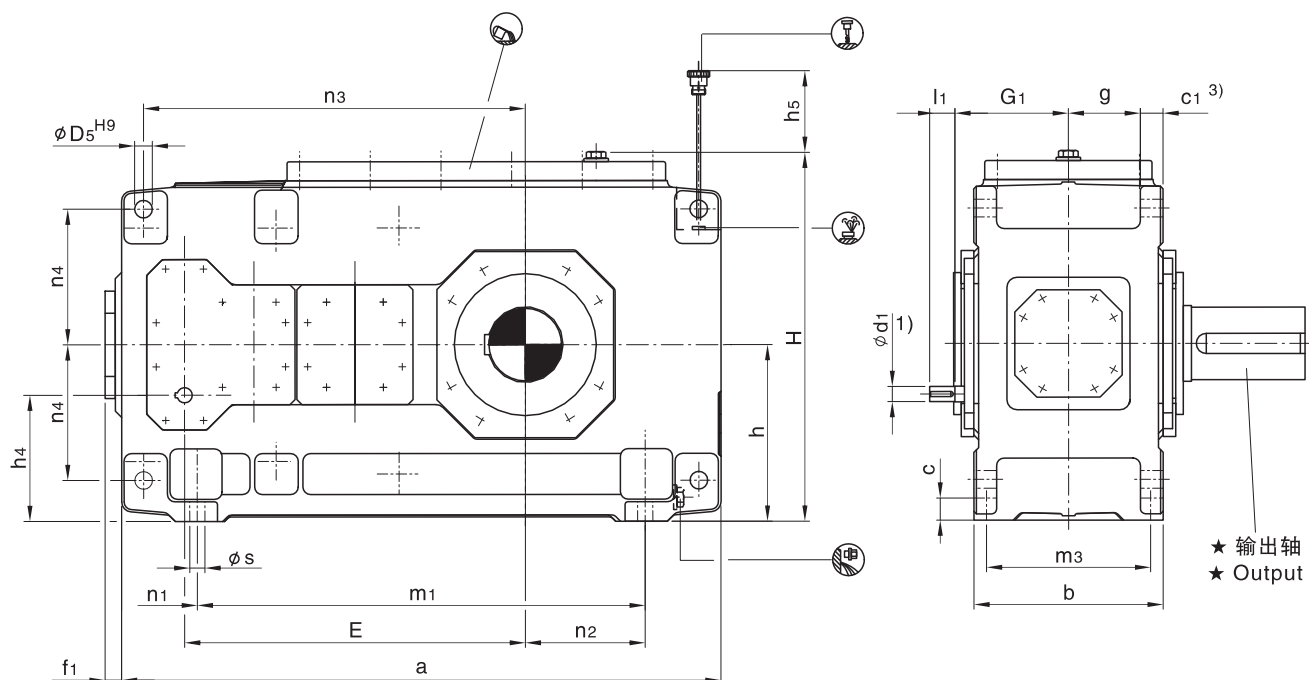
四级传动 Four Stage

卧式安装 Horizontal

类型 H4.H Types H4.H

规格 7...12 Size 7...12

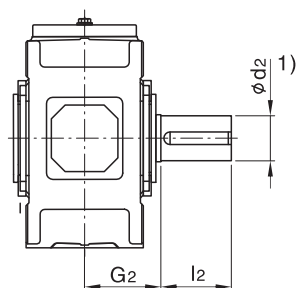
H4SH H4HH H4DH



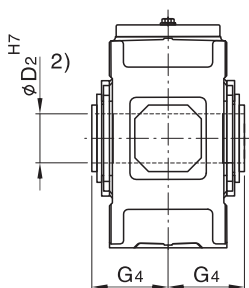
★输出轴 Output

布置形式 Design

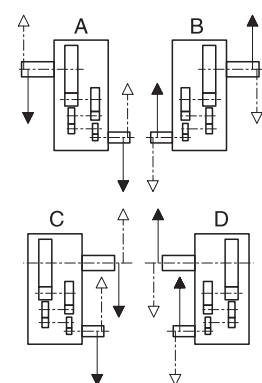
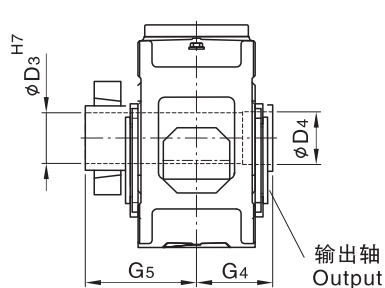
H4SH  
实心轴  
Solid shaft



H4HH  
空心轴  
Hollow shaft



H4DH  
带胀紧盘的空心轴  
Hollow shaft for shrink disk



1)  $k_6 \leq \phi 50$   $m_6 > \phi 50$

有关平键 GB/T1095-1979 型和中心孔, 参见第 279-280 页。 For parallel key GB/T1095-1979 and for centre hole, see page 279-280.

2) 键槽 GB/T1095-1979 Keyway GB/T1095-1979.

3) 扭力支撑位于工作机侧。 Torque support on driven machine side.

平行轴减速机 Helical Reductors      四级传动 Four Stage      卧式安装 Horizontal

类型 H4.H Types      H4.H      规格 7...12 Sizes 7...12

| 规格<br>Size | 尺寸 mm      Dimensions in mm |     |                |     |                |    |                |    |
|------------|-----------------------------|-----|----------------|-----|----------------|----|----------------|----|
|            | 输入轴      Input              |     |                |     |                |    |                |    |
|            | iN = 100 – 180              |     | iN = 125 – 224 |     | iN = 200 – 355 |    | iN = 250 – 450 |    |
|            | d1 1)                       | l1  | d1 1)          | l1  | d1 1)          | l1 | d1 1)          | l1 |
| 7          | 30                          | 50  |                |     | 24             | 40 |                |    |
| 8          |                             |     | 30             | 50  |                |    | 24             | 40 |
| 9          | 35                          | 60  |                |     | 28             | 50 |                |    |
| 10         |                             |     | 35             | 60  |                |    | 28             | 50 |
| 11         | 45                          | 100 |                |     | 32             | 80 |                |    |
| 12         |                             |     | 45             | 100 |                |    | 32             | 80 |

| 规格<br>Size | 尺寸 mm      Dimensions in mm |     |    |          |    |     |    |     |     |     |     |     |      |     |     |     |     |     |    |
|------------|-----------------------------|-----|----|----------|----|-----|----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|----|
|            | 减速机 Reductors               |     |    |          |    |     |    |     |     |     |     |     |      |     |     |     |     |     |    |
|            | a                           | b   | c  | c1       | D5 | E   | f1 | g   | h   | h4  | h5  | H   | m1   | m3  | n1  | n2  | n3  | n4  | s  |
| 7          | 845                         | 300 | 35 | 36 ± 1   | 28 | 495 | 37 | 114 | 280 | 200 | 140 | 572 | 605  | 260 | 120 | 130 | 560 | 215 | 24 |
| 8          | 950                         | 300 | 35 | 36 ± 1   | 28 | 540 | 37 | 114 | 280 | 200 | 140 | 582 | 710  | 260 | 120 | 190 | 605 | 215 | 24 |
| 9          | 1000                        | 370 | 40 | 45 ± 1.5 | 36 | 580 | 43 | 140 | 320 | 230 | 150 | 662 | 710  | 320 | 145 | 155 | 660 | 245 | 28 |
| 10         | 1100                        | 370 | 40 | 45 ± 1.5 | 36 | 630 | 43 | 140 | 320 | 230 | 150 | 662 | 810  | 320 | 145 | 205 | 710 | 245 | 28 |
| 11         | 1200                        | 430 | 50 | 54 ± 1.5 | 40 | 705 | 47 | 161 | 380 | 270 | 165 | 782 | 870  | 370 | 165 | 180 | 805 | 300 | 35 |
| 12         | 1355                        | 430 | 50 | 54 ± 1.5 | 40 | 775 | 47 | 161 | 380 | 270 | 165 | 790 | 1025 | 370 | 165 | 265 | 875 | 300 | 35 |

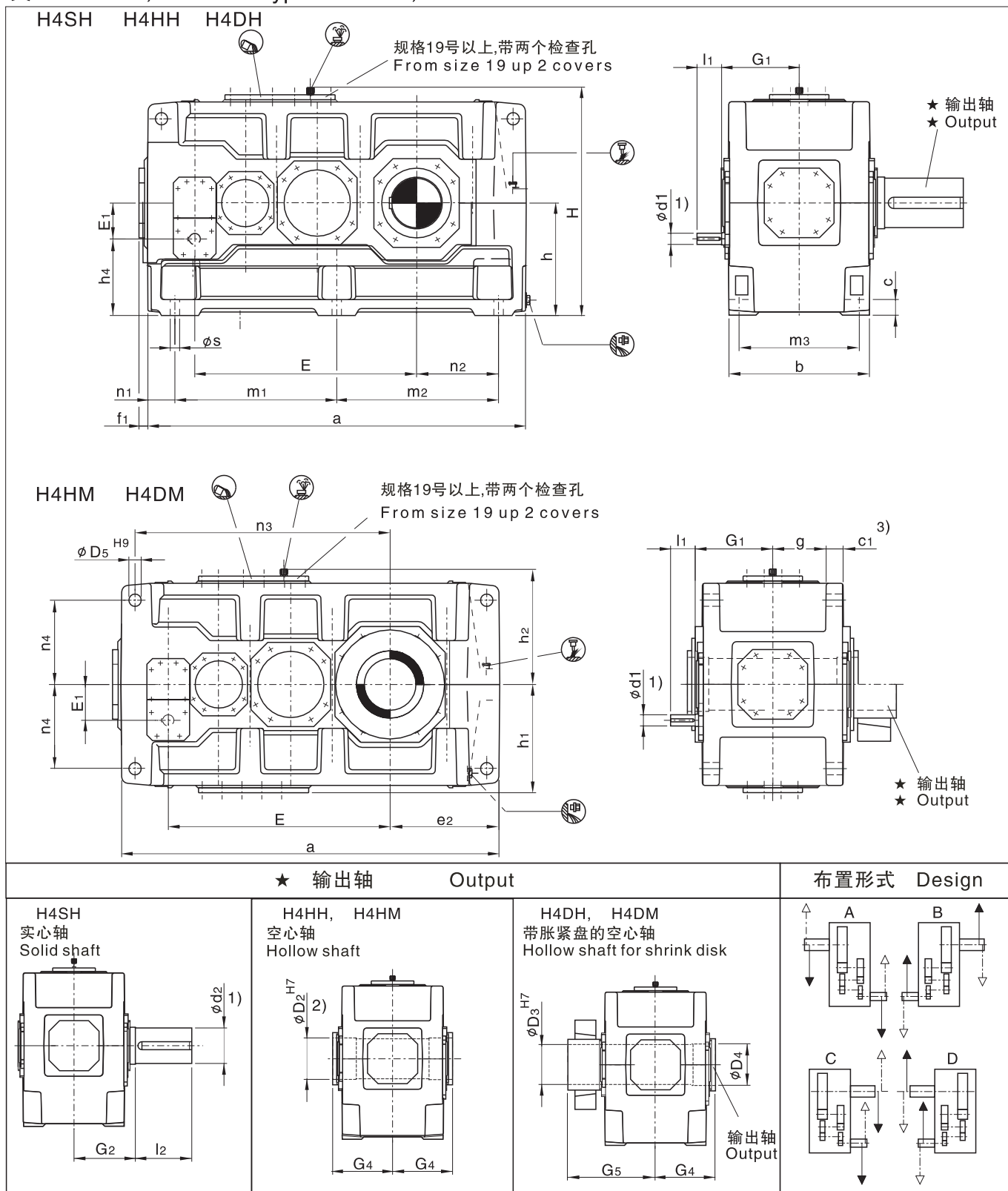
| 规格<br>Size | 尺寸 mm    Dimensions in mm |     |     |       |     |      |     |     |     | 润滑油<br>Oil<br>(l) | 重量<br>Weight<br>(kg) |
|------------|---------------------------|-----|-----|-------|-----|------|-----|-----|-----|-------------------|----------------------|
|            | 输出轴    Output             |     |     |       |     |      |     |     |     |                   |                      |
|            | H4SH                      |     |     | H4HH  |     | H4DH |     |     |     |                   |                      |
|            | d2 1)                     | G2  | l2  | D2 2) | G4  | D3   | D4  | G4  | G5  |                   |                      |
| 7          | 120                       | 195 | 210 | 115   | 195 | 120  | 120 | 195 | 280 | 25                | 550                  |
| 8          | 130                       | 195 | 250 | 125   | 195 | 130  | 130 | 195 | 285 | 27                | 645                  |
| 9          | 140                       | 235 | 250 | 135   | 235 | 140  | 145 | 235 | 330 | 48                | 875                  |
| 10         | 160                       | 235 | 300 | 150   | 235 | 150  | 155 | 235 | 350 | 50                | 1010                 |
| 11         | 170                       | 270 | 300 | 165   | 270 | 165  | 170 | 270 | 400 | 80                | 1460                 |
| 12         | 180                       | 270 | 300 | 180   | 270 | 180  | 185 | 270 | 405 | 87                | 1725                 |



平行轴减速机 Helical Reductors 四级传动 Four Stage 卧式安装 Horizontal

类型 H4.H, H4.M Types H4.H, H4.M

规格 13 ... 22 Sizes 13 ... 22



1)  $k_6 \leq \Phi 50$   $m_6 > \Phi 50$

有关平键 GB/T1095-1979 型和中心孔, 参见第 279-280 页。For parallel key GB/T1095-1979 and for center hole, see page 279-280.

2) 键槽 GB/T1095-1979 Keyway GB/T1095-1979.

3) 扭力支撑位于工作机侧。Torque support on driven machine side.

平行轴减速机 Helical Reductors

四级传动 Four Stage

卧式安装 Horizontal

类型 H4.H, H4.M Types H4.H, H4.M

规格 13...22 Sizes 13...22

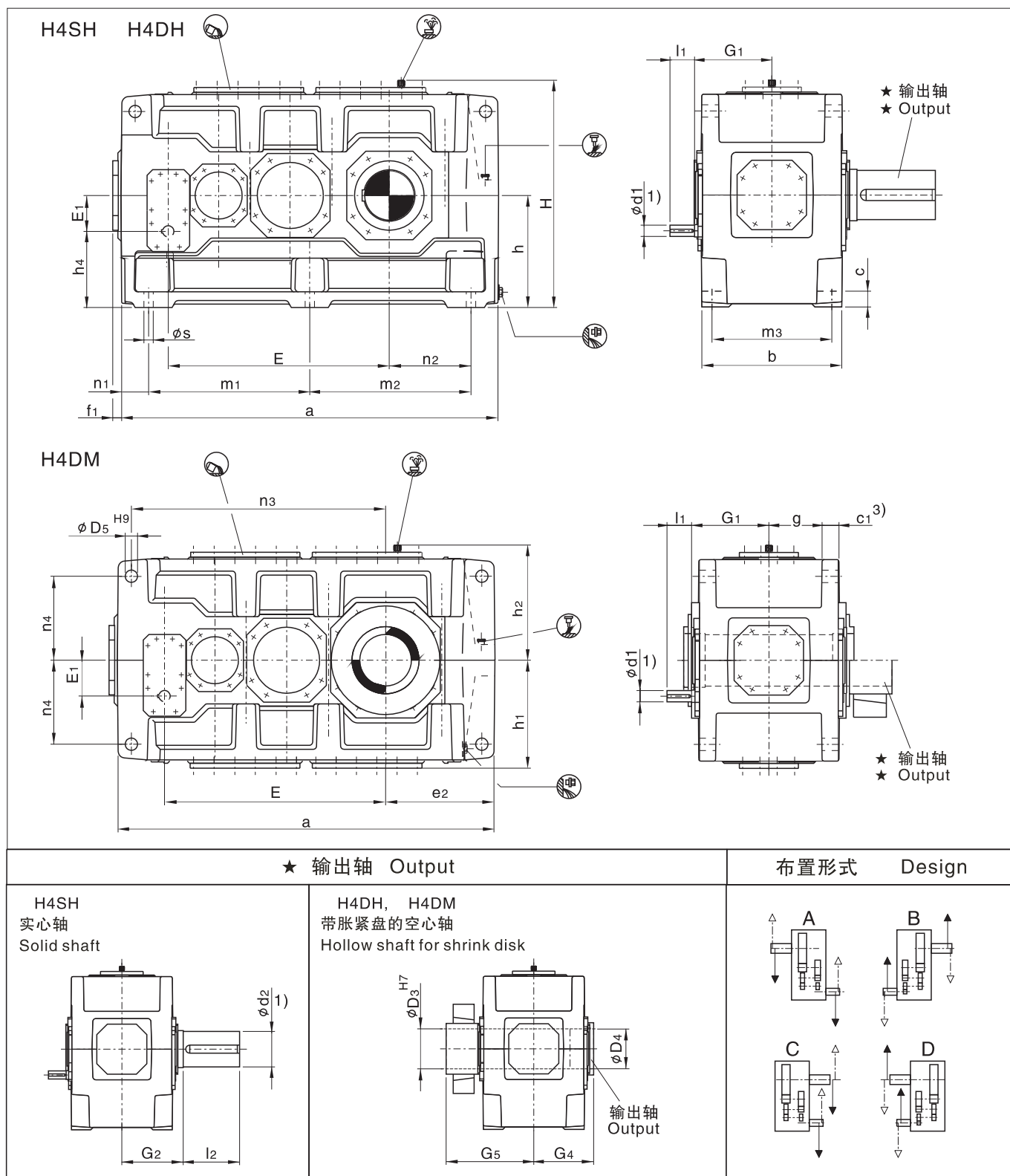
| 规格<br>Size | 尺寸mm Dimensions in mm        |                |                              |                |                              |                |                              |                |                              |                |                              |                |
|------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|
|            | 输入轴 Input                    |                |                              |                |                              |                |                              |                |                              |                |                              |                |
|            | in = 100 – 180               |                | in = 112 – 200               |                | in = 125 – 224               |                | in = 200 – 355               |                | in = 224 – 400               |                | in = 250 – 450               |                |
|            | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> |
| 13         | 50                           | 100            |                              |                |                              |                | 38                           | 80             |                              |                |                              |                |
| 14         |                              |                |                              |                | 50                           | 100            |                              |                |                              |                | 38                           | 80             |
| 15         | 60                           | 135            |                              |                |                              |                | 50                           | 110            |                              |                |                              |                |
| 16         |                              |                | 60                           | 135            |                              |                |                              |                | 50                           | 110            |                              |                |
| 17         | 60                           | 105            |                              |                |                              |                | 50                           | 80             |                              |                |                              |                |
| 18         |                              |                | 60                           | 105            |                              |                |                              |                | 50                           | 80             |                              |                |
| 19         | 75                           | 105            |                              |                |                              |                | 60                           | 105            |                              |                |                              |                |
| 20         |                              |                | 75                           | 105            |                              |                |                              |                | 60                           | 105            |                              |                |
| 21         | 90                           | 165            |                              |                |                              |                | 70                           | 140            |                              |                |                              |                |
| 22         |                              |                | 90                           | 165            |                              |                |                              |                | 70                           | 140            |                              |                |

| 规格<br>Size | 尺寸mm Dimensions in mm |     |     |                |                |                |      |                |                |       |     |
|------------|-----------------------|-----|-----|----------------|----------------|----------------|------|----------------|----------------|-------|-----|
|            | 减速机 Reductors         |     |     |                |                |                |      |                |                |       |     |
|            | a                     | b   | c   | c <sub>1</sub> | D <sub>5</sub> | e <sub>2</sub> | E    | E <sub>1</sub> | f <sub>1</sub> | g     | h   |
| 13         | 1395                  | 550 | 60  | 61 ± 2         | 48             | 405            | 820  | 130            | 47             | 211.5 | 440 |
| 14         | 1535                  | 550 | 60  | 61 ± 2         | 48             | 475            | 890  | 130            | 47             | 211.5 | 440 |
| 15         | 1680                  | 625 | 70  | 72 ± 2         | 55             | 485            | 987  | 160            | 56             | 238   | 500 |
| 16         | 1770                  | 625 | 70  | 72 ± 2         | 55             | 530            | 1033 | 160            | 56             | 238   | 500 |
| 17         | 1770                  | 690 | 80  | 81 ± 2         | 55             | 525            | 1035 | 160            | 53             | 259   | 550 |
| 18         | 1890                  | 690 | 80  | 81 ± 2         | 55             | 585            | 1095 | 160            | 53             | 259   | 550 |
| 19         | 2030                  | 790 | 90  | 91 ± 2         | 65             | 590            | 1190 | 185            | 53             | 299   | 620 |
| 20         | 2150                  | 790 | 90  | 91 ± 2         | 65             | 650            | 1250 | 185            | 53             | 299   | 620 |
| 21         | 2340                  | 830 | 100 | 100 ± 2        | 75             | 655            | 1387 | 225            | 62             | 310   | 700 |
| 22         | 2450                  | 830 | 100 | 100 ± 2        | 75             | 710            | 1442 | 225            | 62             | 310   | 700 |

| 规格<br>Size | 尺寸mm Dimensions in mm |                |                |      |                |                |                |                |                |                |                |    |
|------------|-----------------------|----------------|----------------|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----|
|            | 减速机 Reductors         |                |                |      |                |                |                |                |                |                |                |    |
|            | h <sub>1</sub>        | h <sub>2</sub> | h <sub>4</sub> | H    | m <sub>1</sub> | m <sub>2</sub> | m <sub>3</sub> | n <sub>1</sub> | n <sub>2</sub> | n <sub>3</sub> | n <sub>4</sub> | s  |
| 13         | 450                   | 460            | 310            | 900  | 597.5          | 597.5          | 475            | 100            | 305            | 940            | 340            | 35 |
| 14         | 450                   | 460            | 310            | 900  | 597.5          | 737.5          | 475            | 100            | 375            | 1010           | 340            | 35 |
| 15         | 490                   | 500            | 340            | 1000 | 720            | 720            | 535            | 120            | 365            | 1135           | 375            | 42 |
| 16         | 490                   | 500            | 340            | 1000 | 720            | 810            | 535            | 120            | 410            | 1180           | 375            | 42 |
| 17         | 555                   | 560            | 390            | 1110 | 750            | 750            | 600            | 135            | 390            | 1175           | 425            | 42 |
| 18         | 555                   | 560            | 390            | 1110 | 750            | 870            | 600            | 135            | 450            | 1235           | 425            | 42 |
| 19         | 615                   | 620            | 435            | 1240 | 860            | 860            | 690            | 155            | 435            | 1365           | 475            | 48 |
| 20         | 615                   | 620            | 435            | 1240 | 860            | 980            | 690            | 155            | 495            | 1425           | 475            | 48 |
| 21         | 685                   | 690            | 475            | 1390 | 1000           | 1000           | 720            | 170            | 485            | 1615           | 520            | 56 |
| 22         | 685                   | 690            | 475            | 1390 | 1000           | 1110           | 720            | 170            | 540            | 1670           | 520            | 56 |

| 规格<br>Size                   | 尺寸mm    Dimensions in mm |                |                              |                |                |                |                |                |     | 润滑油<br>Oil |      | 重量<br>Weight |      |
|------------------------------|--------------------------|----------------|------------------------------|----------------|----------------|----------------|----------------|----------------|-----|------------|------|--------------|------|
|                              | 输出轴    Output            |                |                              |                |                |                |                |                |     |            |      |              |      |
|                              | H4SH                     |                |                              | H4HH           | H4HM           | H4DH           |                | H4DM           |     | H4.H       | H4.M | H4.H         | H4.M |
| d <sub>2</sub> <sup>1)</sup> | G <sub>2</sub>           | l <sub>2</sub> | D <sub>2</sub> <sup>2)</sup> | G <sub>4</sub> | D <sub>3</sub> | D <sub>4</sub> | G <sub>4</sub> | G <sub>5</sub> | (l) | (l)        | (kg) | (kg)         |      |
| 13                           | 200                      | 335            | 350                          | 190            | 335            | 190            | 195            | 335            | 480 | 130        | 120  | 2390         | 2270 |
| 14                           | 210                      | 335            | 350                          | 210            | 335            | 210            | 215            | 335            | 480 | 140        | 125  | 2730         | 2600 |
| 15                           | 230                      | 380            | 410                          | 230            | 380            | 230            | 235            | 380            | 550 | 230        | 170  | 3635         | 3440 |
| 16                           | 240                      | 380            | 410                          | 240            | 380            | 240            | 245            | 380            | 550 | 235        | 175  | 3965         | 3740 |
| 17                           | 250                      | 415            | 410                          | 250            | 415            | 250            | 260            | 415            | 600 | 290        | 225  | 4680         | 4445 |
| 18                           | 270                      | 415            | 470                          | 275            | 415            | 280            | 285            | 415            | 600 | 305        | 230  | 5185         | 4915 |
| 19                           | 290                      | 465            | 470                          | —              | —              | 285            | 295            | 465            | 670 | 360        | 310  | 5700         | 5300 |
| 20                           | 300                      | 465            | 500                          | —              | —              | 310            | 315            | 465            | 670 | 380        | 330  | 6400         | 5950 |
| 21                           | 320                      | 490            | 500                          | —              | —              | 330            | 335            | 490            | 715 | 395        | 430  | 7750         | 7250 |
| 22                           | 340                      | 490            | 550                          | —              | —              | 340            | 345            | 490            | 725 | 420        | 450  | 8350         | 7750 |

平行轴减速机 Helical Reductors 四级传动 Four Stage 卧式安装 Horizontal  
 类型 H4.H, H4.M Types H4.H, H4.M 规格 23 ... 26 Sizes 23 ... 26



1)  $k_6 \leq \Phi 50$   $m_6 > \Phi 50$

有关平键 GB/T1095-1979 型和中心孔, 参见第 279-280 页。For parallel key GB/T1095-1979 and for center hole, see page 279-280.

2) 键槽 GB/T1095-1979 Keyway GB/T1095-1979.

3) 扭力支撑位于工作机侧。Torque support on driven machine side.

平行轴减速机 Helical Reductors

四级传动 For Stage

卧式安装 Horizontal

类型 H4.H, H4.M Types H4.H, H4.M

规格 23...26 Sizes 23...26

| 规格<br>Size | 尺寸 mm    Dimensions in mm    |                |                              |                |                              |                |                              |                |                |
|------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|----------------|
|            | 输入轴    Input                 |                |                              |                |                              |                |                              |                |                |
|            | i <sub>N</sub> = 100 – 180   |                | i <sub>N</sub> = 112 – 200   |                | i <sub>N</sub> = 200 – 355   |                | i <sub>N</sub> = 224 – 400   |                | G <sub>1</sub> |
|            | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> |                |
| 23         | 90                           | 130            |                              |                | 70                           | 105            |                              |                | 505            |
| 24         |                              |                | 90                           | 130            |                              |                | 70                           | 105            | 505            |
| 25         | 100                          | 205            |                              |                | 85                           | 170            |                              |                | 565            |
| 26         |                              |                | 100                          | 205            |                              |                | 85                           | 170            | 565            |

| 规格<br>Size | 尺寸mm    Dimensions in mm |      |     |                |                |                |      |                |                |     |     |
|------------|--------------------------|------|-----|----------------|----------------|----------------|------|----------------|----------------|-----|-----|
|            | 减速机 Reductors            |      |     |                |                |                |      |                |                |     |     |
|            | a                        | b    | c   | c <sub>1</sub> | D <sub>5</sub> | e <sub>2</sub> | E    | E <sub>1</sub> | f <sub>1</sub> | g   | h   |
| 23         | 2530                     | 930  | 115 | 120 ± 2        | 80             | 730            | 1505 | 225            | 35             | 342 | 780 |
| 24         | 2660                     | 930  | 115 | 120 ± 2        | 80             | 795            | 1570 | 225            | 35             | 342 | 780 |
| 25         | 2830                     | 1045 | 130 | 120 ± 2        | 90             | 790            | 1695 | 265            | 65             | 400 | 860 |
| 26         | 3010                     | 1045 | 130 | 120 ± 2        | 90             | 880            | 1785 | 265            | 65             | 400 | 860 |

| 规格<br>Size | 尺寸mm    Dimensions in mm |                |                |      |                |                |                |                |                |                |                |    |
|------------|--------------------------|----------------|----------------|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----|
|            | 减速机 Reductors            |                |                |      |                |                |                |                |                |                |                |    |
|            | h <sub>1</sub>           | h <sub>2</sub> | h <sub>4</sub> | H    | m <sub>1</sub> | m <sub>2</sub> | m <sub>3</sub> | n <sub>1</sub> | n <sub>2</sub> | n <sub>3</sub> | n <sub>4</sub> | s  |
| 23         | 770                      | 790            | 555            | 1570 | 1085           | 1085           | 810            | 180            | 550            | 1725           | 580            | 56 |
| 24         | 770                      | 790            | 555            | 1570 | 1085           | 1215           | 810            | 180            | 615            | 1790           | 580            | 56 |
| 25         | 860                      | 860            | 595            | 1720 | 1215           | 1215           | 910            | 200            | 590            | 1965           | 660            | 66 |
| 26         | 860                      | 860            | 595            | 1720 | 1215           | 1395           | 910            | 200            | 680            | 2055           | 660            | 66 |

| 规格<br>Size | 尺寸 mm<br>Dimensions in mm    |                |                |                |                |                |                | 润滑油<br>Oil |      | 重量<br>Weight |       |
|------------|------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|------------|------|--------------|-------|
|            | 输出轴<br>Output                |                |                |                |                |                |                |            |      |              |       |
|            | H4SH                         |                |                | H4DH           |                | H4DM           |                | H4.H       | H4.M | H4.H         | H4.M  |
|            | d <sub>2</sub> <sup>1)</sup> | G <sub>2</sub> | l <sub>2</sub> | D <sub>3</sub> | D <sub>4</sub> | G <sub>4</sub> | G <sub>5</sub> | (l)        | (l)  | (kg)         | (kg)  |
| 23         | 360                          | 540            | 590            | 360            | 365            | 540            | 785            | 520        | 500  | 11600        | 10700 |
| 24         | 380                          | 540            | 590            | 380            | 385            | 540            | 805            | 550        | 600  | 13500        | 12600 |
| 25         | 400                          | 605            | 650            | 400            | 405            | 605            | 875            | 735        | 800  | 16100        | 15200 |
| 26         | 420                          | 605            | 650            | 430            | 435            | 605            | 900            | 780        | 850  | 17600        | 16500 |

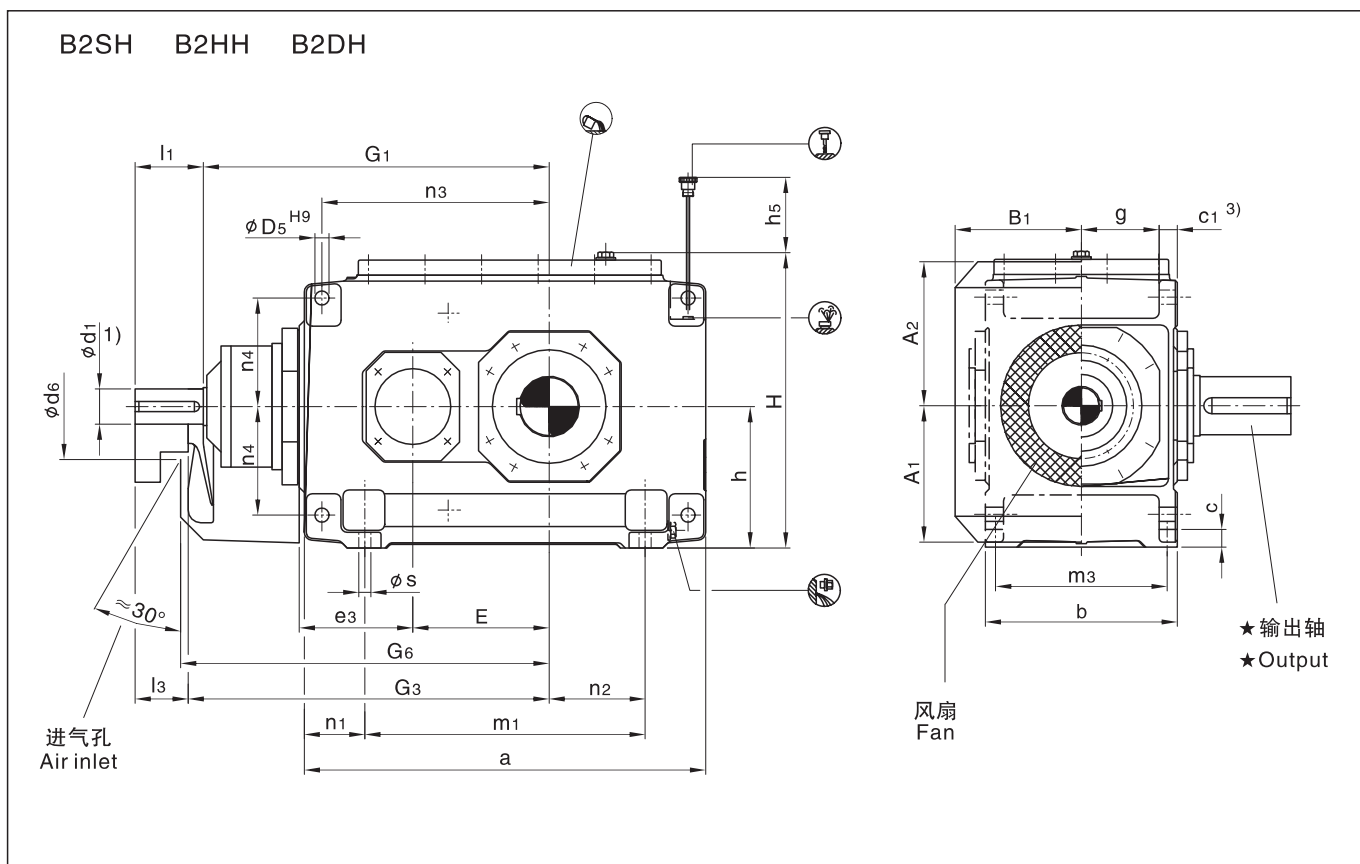
直交轴减速机 Bevel-helical Reductors

## 二级传动 Two Stage

卧式安装 Horizontal

|    |      |       |      |
|----|------|-------|------|
| 类型 | B2.H | Types | B2.H |
|----|------|-------|------|

规格 1...12 Sizes 1...12



## 布置形式 Design

B2HH  
空心轴  
Hollow shaft

B2DH  
带胀紧盘的空心轴  
Hollow shaft for shrink disk

有关平键 GB/T1095-1979 型和中心孔,参见第279-280 页。For parallel key GB/T1095-1979 and for centre hole,see page279-280.

2) 键槽 GB/T1095-1979 Keyway GB/T1095-1979.

3) 扭力支撐位于工作機側。 Torque support on driven machine side.



直交轴减速机 Bevel-helical Reductors

二级传动 Two Stage

卧式安装 Horizontal

类型 B2.H Types B2.H

规格 1...12 Sizes 1...12

| 规格<br>Size | 尺寸 mm Dimensions in mm |                |                |                   |                |                |                   |                |                |                |                |
|------------|------------------------|----------------|----------------|-------------------|----------------|----------------|-------------------|----------------|----------------|----------------|----------------|
|            | 输入轴 Input              |                |                |                   |                |                |                   |                |                |                |                |
|            | in=5-11.2              |                |                | in=6.3-14         |                |                | in=12.5-18        |                |                | G <sub>1</sub> | G <sub>3</sub> |
|            | d <sub>1</sub> 1)      | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> 1) | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> 1) | l <sub>1</sub> | l <sub>3</sub> |                |                |
| 1          | 28                     | 55             | 40             |                   |                |                | 20                | 50             | 35             | 300            | 315            |
| 2          | 30                     | 70             | 50             |                   |                |                | 25                | 60             | 40             | 340            | 360            |
| 3          | 35                     | 80             | 60             |                   |                |                | 28                | 60             | 40             | 390            | 410            |
| 4          | 45                     | 100            | 80             |                   |                |                |                   |                |                | 465            | 485            |
| 5          | 55                     | 110            | 80             |                   |                |                |                   |                |                | 535            | 565            |
| 6          |                        |                |                | 55                | 110            | 80             |                   |                |                | 570            | 600            |
| 7          | 70                     | 135            | 105            |                   |                |                |                   |                |                | 640            | 670            |
| 8          |                        |                |                | 70                | 135            | 105            |                   |                |                | 685            | 715            |
| 9          | 80                     | 165            | 130            |                   |                |                |                   |                |                | 755            | 790            |
| 10         |                        |                |                | 80                | 165            | 130            |                   |                |                | 805            | 840            |
| 11         | 90                     | 165            | 130            |                   |                |                |                   |                |                | 925            | 960            |
| 12         |                        |                |                | 90                | 165            | 130            |                   |                |                | 995            | 1030           |

| 规格<br>Size | 尺寸 mm Dimensions in mm |                |                |     |                |    |                |                |                |                |     |      |
|------------|------------------------|----------------|----------------|-----|----------------|----|----------------|----------------|----------------|----------------|-----|------|
|            | 减速机 Reductors          |                |                |     |                |    |                |                |                |                |     |      |
|            | a                      | A <sub>1</sub> | A <sub>2</sub> | b   | B <sub>1</sub> | c  | c <sub>1</sub> | D <sub>5</sub> | d <sub>6</sub> | e <sub>3</sub> | E   | g    |
| 1          | 305                    | 125            | 130            | 180 | 128            | 18 | 16 ± 1         | 12             | 110            | 90             | 90  | 74   |
| 2          | 355                    | 140            | 145            | 205 | 143            | 18 | 20 ± 1         | 14             | 110            | 110            | 110 | 82.5 |
| 3          | 405                    | 170            | 170            | 225 | 163            | 22 | 24 ± 1         | 18             | 120            | 130            | 130 | 88.5 |
| 4          | 505                    | 195            | 200            | 270 | 188            | 28 | 30 ± 1         | 24             | 150            | 160            | 160 | 105  |
| 5          | 565                    | 220            | 235            | 320 | 215            | 28 | 30 ± 1         | 24             | 160            | 185            | 185 | 130  |
| 6          | 645                    | 220            | 235            | 320 | 215            | 28 | 30 ± 1         | 24             | 160            | 185            | 220 | 130  |
| 7          | 690                    | 270            | 285            | 380 | 250            | 35 | 36 ± 1         | 28             | 210            | 225            | 225 | 154  |
| 8          | 795                    | 270            | 285            | 380 | 250            | 35 | 36 ± 1         | 28             | 210            | 225            | 270 | 154  |
| 9          | 820                    | 310            | 325            | 440 | 270            | 40 | 48 ± 1.5       | 36             | 195            | 265            | 265 | 172  |
| 10         | 920                    | 310            | 325            | 440 | 270            | 40 | 48 ± 1.5       | 36             | 195            | 265            | 315 | 172  |
| 11         | 975                    | 370            | 385            | 530 | 328            | 50 | 54 ± 1.5       | 40             | 210            | 320            | 320 | 211  |
| 12         | 1130                   | 370            | 385            | 530 | 328            | 50 | 54 ± 1.5       | 40             | 210            | 320            | 390 | 211  |

| 规格<br>Size | 尺寸 mm   Dimensions in mm |     |                |     |                |                |                |                |                |                |    |
|------------|--------------------------|-----|----------------|-----|----------------|----------------|----------------|----------------|----------------|----------------|----|
|            | 减速机   Reductors          |     |                |     |                |                |                |                |                |                |    |
|            | G <sub>6</sub>           | h   | h <sub>5</sub> | H   | m <sub>1</sub> | m <sub>3</sub> | n <sub>1</sub> | n <sub>2</sub> | n <sub>3</sub> | n <sub>4</sub> | s  |
| 1          | 325                      | 130 | 80             | 275 | 185            | 155            | 60             | 70             | 160            | 105            | 12 |
| 2          | 370                      | 145 | 80             | 305 | 225            | 180            | 65             | 75             | 195            | 115            | 12 |
| 3          | 420                      | 175 | 90             | 360 | 245            | 195            | 80             | 85             | 235            | 132.5          | 15 |
| 4          | 495                      | 200 | 80             | 415 | 295            | 235            | 105            | 100            | 285            | 150            | 19 |
| 5          | 575                      | 230 | 150            | 482 | 355            | 285            | 105            | 100            | 330            | 180            | 19 |
| 6          | 610                      | 230 | 150            | 482 | 435            | 285            | 105            | 145            | 365            | 180            | 19 |
| 7          | 685                      | 280 | 180            | 582 | 450            | 340            | 120            | 130            | 405            | 215            | 24 |
| 8          | 730                      | 280 | 190            | 582 | 555            | 340            | 120            | 190            | 450            | 215            | 24 |
| 9          | 805                      | 320 | 205            | 662 | 530            | 390            | 145            | 155            | 480            | 245            | 28 |
| 10         | 855                      | 320 | 215            | 662 | 630            | 390            | 145            | 205            | 530            | 245            | 28 |
| 11         | 980                      | 380 | 240            | 790 | 645            | 470            | 165            | 180            | 580            | 300            | 35 |
| 12         | 1050                     | 380 | 250            | 790 | 800            | 470            | 165            | 265            | 650            | 300            | 35 |

| 规格<br>Size | 尺寸 mm   Dimensions in mm |                |                |                   |                |                |                |                |                | 润滑油 Oil<br>轴封<br>Shaft seal<br>(l) | 重量<br>Weight<br>(kg) |
|------------|--------------------------|----------------|----------------|-------------------|----------------|----------------|----------------|----------------|----------------|------------------------------------|----------------------|
|            | 输出轴 Output               |                |                |                   |                |                |                |                |                |                                    |                      |
|            | B2SH                     |                |                | B2HH              |                | B2DH           |                |                |                |                                    |                      |
|            | d <sub>2</sub> 1)        | G <sub>2</sub> | L <sub>2</sub> | D <sub>2</sub> 2) | G <sub>4</sub> | D <sub>3</sub> | D <sub>4</sub> | G <sub>4</sub> | G <sub>5</sub> |                                    |                      |
| 1          | 45                       | 120            | 80             |                   | —              | —              | —              | —              | —              | 2                                  | 65                   |
| 2          | 55                       | 135            | 110            | 55                | 135            | 60             | 60             | 135            | 180            | 4                                  | 90                   |
| 3          | 65                       | 145            | 140            | 65                | 145            | 70             | 70             | 145            | 200            | 6                                  | 140                  |
| 4          | 80                       | 170            | 170            | 80                | 170            | 85             | 85             | 170            | 235            | 10                                 | 235                  |
| 5          | 100                      | 200            | 210            | 95                | 200            | 100            | 100            | 200            | 275            | 16                                 | 360                  |
| 6          | 110                      | 200            | 210            | 105               | 200            | 110            | 110            | 200            | 275            | 19                                 | 410                  |
| 7          | 120                      | 235            | 210            | 115               | 235            | 120            | 120            | 235            | 320            | 31                                 | 615                  |
| 8          | 130                      | 235            | 250            | 125               | 235            | 130            | 130            | 235            | 325            | 34                                 | 700                  |
| 9          | 140                      | 270            | 250            | 135               | 270            | 140            | 145            | 270            | 365            | 48                                 | 1000                 |
| 10         | 160                      | 270            | 300            | 150               | 270            | 150            | 155            | 270            | 385            | 50                                 | 1155                 |
| 11         | 170                      | 320            | 300            | 165               | 320            | 165            | 170            | 320            | 450            | 80                                 | 1640                 |
| 12         | 180                      | 320            | 300            | 180               | 320            | 180            | 185            | 320            | 455            | 95                                 | 1910                 |



# SAILAN

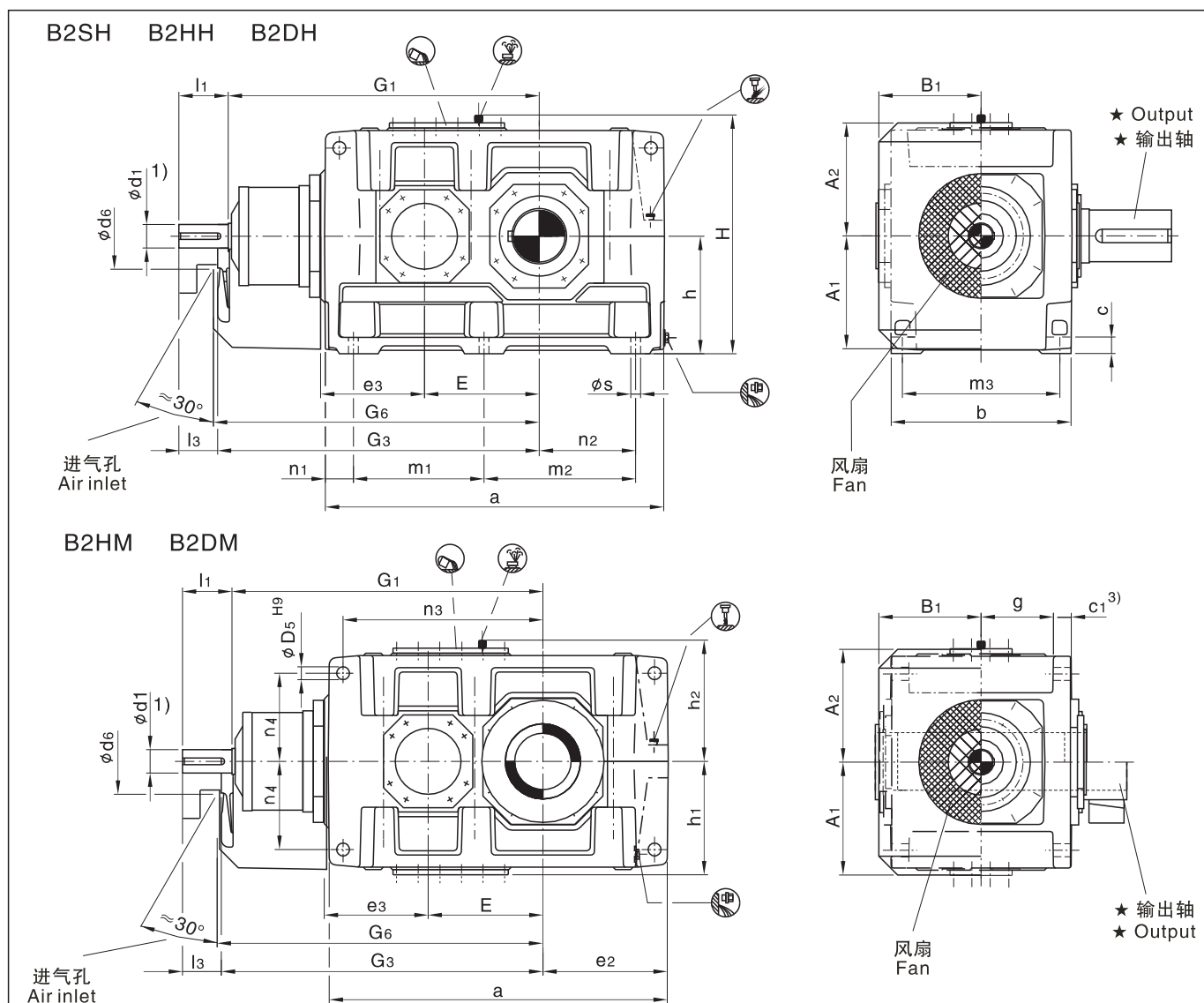
直交轴减速机 Bevel-helical Reductors

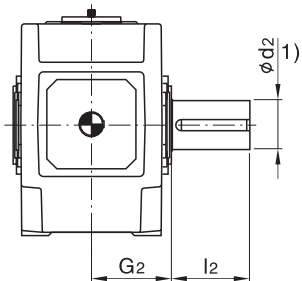
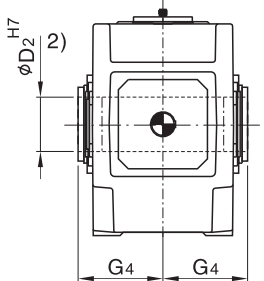
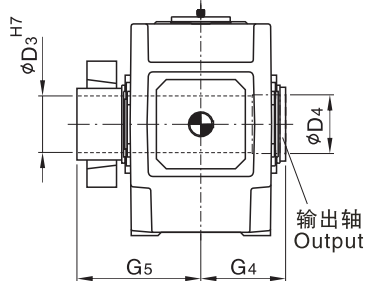
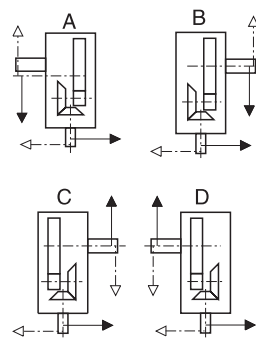
二级传动 Two Stage

卧式安装 Horizontal

类型 B2.H, B2.M Types B2.H, B2.M

规格 13...18 Sizes 13...18



| ★输出轴Output                                                                                                              |                                                                                                                                |                                                                                                                                                      | 布置形式 Design                                                                           |
|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <p>B2SH<br/>实心轴<br/>Solid shaft</p>  | <p>B2HH, B2HM<br/>空心轴<br/>Hollow shaft</p>  | <p>B2DH, B2DM<br/>带胀紧盘的空心轴<br/>Hollow shaft for shrink disk</p>  |  |

1)  $k_6 \leq \Phi 50$   $m_6 > \Phi 50$

有关平键 GB/T1095-1979 和中心孔, 参见第279-280页。For parallel key GB/T1095-1979 and for centre hole, see page 279-280 .

2) 键槽 GB/T1095-1979. Keyway GB/T1095-1979.

3) 扭力支撑位于工作机侧。 Torque support on driven machine side.

直交轴减速机 Bevel-helical Reductors    二级传动 Two Stage    卧式安装 Horizontal

类型 B2.H, B2.M Types    B2.H, B2.M    规格 13...18 Sizes 13...18

| 规格<br>Size | 尺寸 mm    Dimensions in mm    |                |                |                              |                |                |                              |                |                |                              |                |                |                              |                |                |                |
|------------|------------------------------|----------------|----------------|------------------------------|----------------|----------------|------------------------------|----------------|----------------|------------------------------|----------------|----------------|------------------------------|----------------|----------------|----------------|
|            | 输入轴    Input                 |                |                |                              |                |                |                              |                |                |                              |                |                |                              |                |                |                |
|            | i <sub>N</sub> = 5 - 11.2    |                |                | i <sub>N</sub> = 5.6 - 11.2  |                |                | i <sub>N</sub> = 5.6-12.5    |                |                | i <sub>N</sub> = 6.3-14      |                |                | i <sub>N</sub> = 7.1-12.5    |                |                | G <sub>1</sub> |
|            | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> <sup>1)</sup> | L <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | l <sub>3</sub> |                |
| 13         | 110                          | 205            | 165            |                              |                |                |                              |                |                |                              |                |                |                              |                |                | 1070           |
| 14         |                              |                |                |                              |                |                |                              |                |                | 110                          | 205            | 165            |                              |                |                | 1140           |
| 15         | 130                          | 245            | 200            |                              |                |                |                              |                |                |                              |                |                |                              |                |                | 1277           |
| 16         |                              |                |                |                              |                |                | 130                          | 245            | 200            |                              |                |                |                              |                |                | 1323           |
| 17         |                              |                |                | 150                          | 245            | 200            |                              |                |                |                              |                |                |                              |                |                | 1435           |
| 18         |                              |                |                |                              |                |                |                              |                |                |                              |                |                | 150                          | 245            | 200            | 1495           |

| 规格<br>Size | 尺寸 mm      Dimensions in mm |                |                |     |                |    |                |                |                |                |                |     |     |
|------------|-----------------------------|----------------|----------------|-----|----------------|----|----------------|----------------|----------------|----------------|----------------|-----|-----|
|            | 减速机 Reductors               |                |                |     |                |    |                |                |                |                |                |     |     |
|            | a                           | A <sub>1</sub> | A <sub>2</sub> | b   | B <sub>1</sub> | c  | c <sub>1</sub> | d <sub>6</sub> | D <sub>5</sub> | e <sub>2</sub> | e <sub>3</sub> | E   | g   |
| 13         | 1130                        | 430            | 450            | 655 | 375            | 60 | 61 ± 2         | 245            | 48             | 405            | 380            | 370 | 264 |
| 14         | 1270                        | 430            | 450            | 655 | 375            | 60 | 61 ± 2         | 245            | 48             | 475            | 380            | 440 | 264 |
| 15         | 1350                        | 490            | 495            | 765 | 435            | 70 | 72 ± 2         | 280            | 55             | 485            | 450            | 442 | 308 |
| 16         | 1440                        | 490            | 495            | 765 | 435            | 70 | 72 ± 2         | 280            | 55             | 530            | 450            | 488 | 308 |
| 17         | 1490                        | 540            | 555            | 885 | 505            | 80 | 81 ± 2         | 380            | 65             | 525            | 510            | 490 | 356 |
| 18         | 1610                        | 540            | 555            | 885 | 505            | 80 | 81 ± 2         | 380            | 65             | 585            | 510            | 550 | 356 |

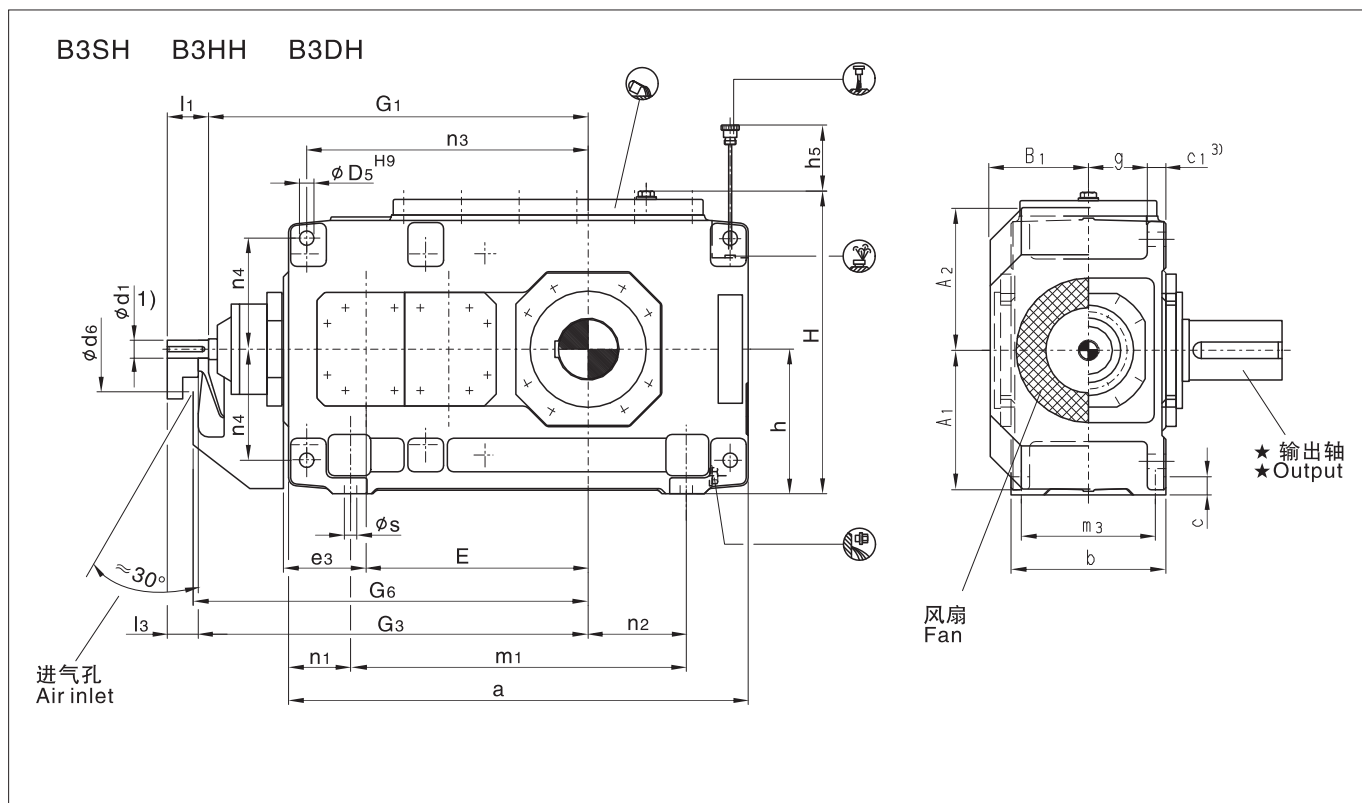
| 规格<br>Size | 尺寸 mm      Dimensions in mm |     |                |                |      |                |                |                |                |                |                |                |    |
|------------|-----------------------------|-----|----------------|----------------|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----|
|            | 减速机 Reductors               |     |                |                |      |                |                |                |                |                |                |                |    |
|            | G <sub>6</sub>              | h   | h <sub>1</sub> | h <sub>2</sub> | H    | m <sub>1</sub> | m <sub>2</sub> | m <sub>3</sub> | n <sub>1</sub> | n <sub>2</sub> | n <sub>3</sub> | n <sub>4</sub> | s  |
| 13         | 1130                        | 440 | 450            | 460            | 900  | 465            | 465            | 580            | 100            | 305            | 675            | 340            | 35 |
| 14         | 1200                        | 440 | 450            | 460            | 900  | 465            | 605            | 580            | 100            | 375            | 745            | 340            | 35 |
| 15         | 1340                        | 500 | 490            | 500            | 1000 | 555            | 555            | 670            | 120            | 365            | 805            | 375            | 42 |
| 16         | 1385                        | 500 | 490            | 500            | 1000 | 555            | 645            | 670            | 120            | 410            | 850            | 375            | 42 |
| 17         | 1500                        | 550 | 555            | 560            | 1110 | 610            | 610            | 780            | 135            | 390            | 895            | 420            | 48 |
| 18         | 1560                        | 550 | 555            | 560            | 1110 | 610            | 730            | 780            | 135            | 450            | 955            | 420            | 48 |

| 规格<br>Size | 尺寸 mm    Dimensions in mm |                |                |                    |                |                |                |                |                | 润 滑 油Oil              |      | 重量<br>Weight |      |
|------------|---------------------------|----------------|----------------|--------------------|----------------|----------------|----------------|----------------|----------------|-----------------------|------|--------------|------|
|            | 输出轴    Output             |                |                |                    |                |                |                |                |                | B2.H                  | B2.M |              |      |
|            | B2SH                      |                |                | B2HH               | B2HM           | B2DH           |                | B2DM           |                | 轴 封 (I)<br>Shaft seal |      | B2.H         | B2.M |
|            | d <sub>2</sub> (1)        | G <sub>2</sub> | l <sub>2</sub> | D <sub>2</sub> (2) | G <sub>4</sub> | D <sub>3</sub> | D <sub>4</sub> | G <sub>4</sub> | G <sub>5</sub> |                       |      | (kg)         | (kg) |
| 13         | 200                       | 390            | 350            | —                  | —              | —              | —              | —              | —              | 140                   | 120  | 2450         | 2350 |
| 14         | 210                       | 390            | 350            | 210                | 390            | 210            | 215            | 390            | 535            | 155                   | 130  | 2825         | 2725 |
| 15         | 230                       | 460            | 410            | —                  | —              | —              | —              | —              | —              | 220                   | 180  | 3990         | 3795 |
| 16         | 240                       | 460            | 410            | 240                | 450            | 240            | 245            | 450            | 620            | 230                   | 190  | 4345         | 4160 |
| 17         | 250                       | 540            | 410            | —                  | —              | —              | —              | —              | —              | 320                   | 260  | 5620         | 5320 |
| 18         | 270                       | 540            | 470            | 275                | 510            | 280            | 285            | 510            | 700            | 335                   | 275  | 6150         | 5860 |



# SAILAN

直交轴减速机 Bevel-helical Reductors    三级传动 Three Stage    卧式安装 Horizontal  
类型 B3.H Types    B3.H    规格 3...12 Sizes 3...12



| ★ 输出轴    Output                     |                                      |                                                           | 布置形式    Design |
|-------------------------------------|--------------------------------------|-----------------------------------------------------------|----------------|
| <p>B3SH<br/>实心轴<br/>Solid shaft</p> | <p>B3HH<br/>空心轴<br/>Hollow shaft</p> | <p>B3HH<br/>带胀紧盘的空心轴<br/>Hollow shaft for shrink disk</p> |                |

1)  $k_6 \leq \Phi 50$      $m_6 > \Phi 50$

有关平键 GB/T1095-1979 型和中心孔, 参见第279-280 页。

For parallel key GB/T1095-1979 and for center hole, see page 279-280.

2) 键槽 GB/T1095-1979    Keyway GB/T1095-1979.

3) 扭力支撑位于工作机侧。Torque support on driven machine side.

直交轴减速机 Bevel-helical Reductors

三级传动 Three Stage

卧式安装 Horizontal

类型 B3.H

Types B3.H

规格 3...12

Sizes 3...12

| 规格<br>Size                   | 尺寸mm    Dimensions in mm   |                |                              |                          |                |                              |                          |                |                              |                          |                |                              |                          |                |    |                |                |
|------------------------------|----------------------------|----------------|------------------------------|--------------------------|----------------|------------------------------|--------------------------|----------------|------------------------------|--------------------------|----------------|------------------------------|--------------------------|----------------|----|----------------|----------------|
|                              | 输入轴    Input               |                |                              |                          |                |                              |                          |                |                              |                          |                |                              |                          |                |    | G <sub>1</sub> | G <sub>3</sub> |
|                              | i <sub>N</sub> = 12.5 – 45 |                |                              | i <sub>N</sub> = 16 – 56 |                |                              | i <sub>N</sub> = 20 – 45 |                |                              | i <sub>N</sub> = 50 – 71 |                |                              | i <sub>N</sub> = 63 – 90 |                |    |                |                |
| d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub>             | l <sub>3</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub>           | l <sub>3</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub>           | l <sub>3</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub>           | l <sub>3</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub>           | l <sub>3</sub> |    |                |                |
| 3                            |                            |                |                              |                          |                |                              | 28                       | 55             | 40                           | 20                       | 50             | 35                           |                          |                |    | 430            | 445            |
| 4                            | 30                         | 70             | 50                           |                          |                |                              |                          |                |                              | 25                       | 60             | 40                           |                          |                |    | 500            | 520            |
| 5                            | 35                         | 80             | 60                           |                          |                |                              |                          |                |                              | 28                       | 60             | 40                           |                          |                |    | 575            | 595            |
| 6                            |                            |                |                              | 35                       | 80             | 60                           |                          |                |                              |                          |                |                              | 28                       | 60             | 40 | 610            | 630            |
| 7                            | 45                         | 100            | 80                           |                          |                |                              |                          |                |                              | 35                       | 80             | 60                           |                          |                |    | 690            | 710            |
| 8                            |                            |                |                              | 45                       | 100            | 80                           |                          |                |                              |                          |                |                              | 35                       | 80             | 60 | 735            | 755            |
| 9                            | 55                         | 110            | 80                           |                          |                |                              |                          |                |                              | 40                       | 100            | 70                           |                          |                |    | 800            | 830            |
| 10                           |                            |                |                              | 55                       | 110            | 80                           |                          |                |                              |                          |                |                              | 40                       | 100            | 70 | 850            | 880            |
| 11                           | 70                         | 135            | 105                          |                          |                |                              |                          |                |                              | 50                       | 110            | 80                           |                          |                |    | 960            | 990            |
| 12                           |                            |                |                              | 70                       | 135            | 105                          |                          |                |                              |                          |                |                              | 50                       | 110            | 80 | 1030           | 1060           |

| 规格<br>Size | 尺寸mm    Dimensions in mm |                |                |     |                |    |                |                |                |                |     |      |
|------------|--------------------------|----------------|----------------|-----|----------------|----|----------------|----------------|----------------|----------------|-----|------|
|            | 减速机    Reductors         |                |                |     |                |    |                |                |                |                |     |      |
|            | a                        | A <sub>1</sub> | A <sub>2</sub> | b   | B <sub>1</sub> | c  | c <sub>1</sub> | d <sub>6</sub> | D <sub>5</sub> | e <sub>3</sub> | E   | g    |
| 3          | 450                      | 170            | 170            | 190 | 128            | 22 | 24 ± 1         | 90             | 18             | 90             | 220 | 71   |
| 4          | 565                      | 195            | 200            | 215 | 143            | 28 | 30 ± 1         | 110            | 24             | 110            | 270 | 77.5 |
| 5          | 640                      | 220            | 235            | 255 | 168            | 28 | 30 ± 1         | 130            | 24             | 130            | 315 | 97.5 |
| 6          | 720                      | 220            | 235            | 255 | 168            | 28 | 30 ± 1         | 130            | 24             | 130            | 350 | 97.5 |
| 7          | 785                      | 275            | 275            | 300 | 193            | 35 | 36 ± 1         | 165            | 28             | 160            | 385 | 114  |
| 8          | 890                      | 275            | 275            | 300 | 193            | 35 | 36 ± 1         | 165            | 28             | 160            | 430 | 114  |
| 9          | 925                      | 315            | 325            | 370 | 231            | 40 | 45 ± 1.5       | 175            | 36             | 185            | 450 | 140  |
| 10         | 1025                     | 315            | 325            | 370 | 231            | 40 | 45 ± 1.5       | 175            | 36             | 185            | 500 | 140  |
| 11         | 1105                     | 370            | 385            | 430 | 263            | 50 | 54 ± 1.5       | 190            | 40             | 225            | 545 | 161  |
| 12         | 1260                     | 370            | 385            | 430 | 263            | 50 | 54 ± 1.5       | 190            | 40             | 225            | 615 | 161  |

| 规格<br>Size | 尺寸mm    Dimensions in mm |     |                |     |                |                |                |                |                |                |    |
|------------|--------------------------|-----|----------------|-----|----------------|----------------|----------------|----------------|----------------|----------------|----|
|            | 减速机   Reductors          |     |                |     |                |                |                |                |                |                |    |
|            | G <sub>6</sub>           | h   | h <sub>5</sub> | H   | m <sub>1</sub> | m <sub>3</sub> | n <sub>1</sub> | n <sub>2</sub> | n <sub>3</sub> | n <sub>4</sub> | s  |
| 3          | 455                      | 175 | 100            | 360 | 290            | 160            | 80             | 65             | 285            | 132.5          | 15 |
| 4          | 530                      | 200 | 100            | 415 | 355            | 180            | 105            | 85             | 345            | 150            | 19 |
| 5          | 605                      | 230 | 130            | 482 | 430            | 220            | 105            | 100            | 405            | 180            | 19 |
| 6          | 640                      | 230 | 130            | 482 | 510            | 220            | 105            | 145            | 440            | 180            | 19 |
| 7          | 720                      | 280 | 170            | 572 | 545            | 260            | 120            | 130            | 500            | 215            | 24 |
| 8          | 765                      | 280 | 160            | 582 | 650            | 260            | 120            | 190            | 545            | 215            | 24 |
| 9          | 845                      | 320 | 175            | 662 | 635            | 320            | 145            | 155            | 585            | 245            | 28 |
| 10         | 895                      | 320 | 175            | 662 | 735            | 320            | 145            | 205            | 635            | 245            | 28 |
| 11         | 1010                     | 380 | 220            | 782 | 775            | 370            | 165            | 180            | 710            | 300            | 35 |
| 12         | 1080                     | 380 | 210            | 790 | 930            | 370            | 165            | 265            | 780            | 300            | 35 |

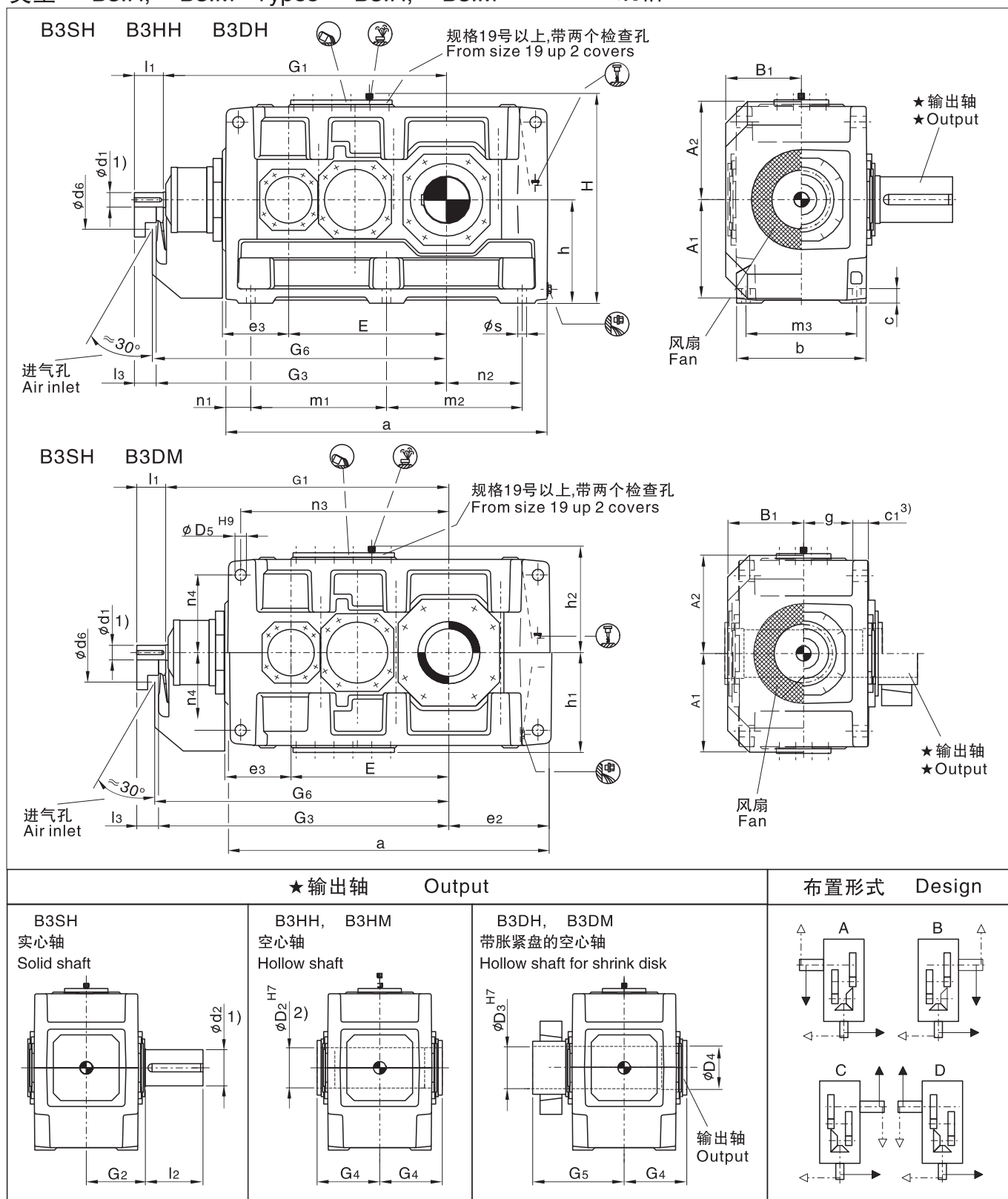
| 规格<br>Size | 尺寸mm    Dimensions in mm     |                |                |                              |                |                |                |                |                | 润滑油<br>Oil<br>(l) | 重量<br>Weight<br>(kg) |
|------------|------------------------------|----------------|----------------|------------------------------|----------------|----------------|----------------|----------------|----------------|-------------------|----------------------|
|            | 输出轴    Output                |                |                |                              |                |                |                |                |                |                   |                      |
|            | B3SH                         |                |                | B3HH                         |                | B3DH           |                |                |                |                   |                      |
|            | d <sub>2</sub> <sup>1)</sup> | G <sub>2</sub> | l <sub>2</sub> | D <sub>2</sub> <sup>2)</sup> | G <sub>4</sub> | D <sub>3</sub> | D <sub>4</sub> | G <sub>4</sub> | G <sub>5</sub> |                   |                      |
| 3          | 65                           | 125            | 140            | 65                           | 125            | 70             | 70             | 125            | 180            | 6                 | 130                  |
| 4          | 80                           | 140            | 170            | 80                           | 140            | 85             | 85             | 140            | 205            | 9                 | 210                  |
| 5          | 100                          | 165            | 210            | 95                           | 165            | 100            | 100            | 165            | 240            | 14                | 325                  |
| 6          | 110                          | 165            | 210            | 105                          | 165            | 110            | 110            | 165            | 240            | 15                | 380                  |
| 7          | 120                          | 195            | 210            | 115                          | 195            | 120            | 120            | 195            | 280            | 25                | 550                  |
| 8          | 130                          | 195            | 250            | 125                          | 195            | 130            | 130            | 195            | 285            | 28                | 635                  |
| 9          | 140                          | 235            | 250            | 135                          | 235            | 140            | 145            | 235            | 330            | 40                | 890                  |
| 10         | 160                          | 235            | 300            | 150                          | 235            | 150            | 155            | 235            | 350            | 42                | 1020                 |
| 11         | 170                          | 270            | 300            | 165                          | 270            | 165            | 170            | 270            | 400            | 66                | 1455                 |
| 12         | 180                          | 270            | 300            | 180                          | 270            | 180            | 185            | 270            | 405            | 72                | 1730                 |

## 直交轴减速机 Bevel-helical Reductors    三级传动 Three Stage

卧式安装 Horizontal

类型 B3.H, B3.M Types B3.H, B3.M

规格 13...22    Sizes 13...22



1)  $k_6 \leq \Phi 50$      $m_6 > \Phi 50$

有关平键 GB/T1095-1979 型和中心孔, 参见第279-280页。For parallel key GB/T1095-1979 and for center hole, see page 279-280.

2) 键槽 GB/T1095-1979 Keyway GB/T1095-1979.

3) 扭力支撑位于工作机侧。Torque support on driven machine side.



直交轴减速机 Bevel-helical Reductors    三级传动 Three Stage    卧式安装 Horizontal  
类型 B3.H, B3.M Types    B3.H, B3.M    规格 13...22 Sizes 13...22

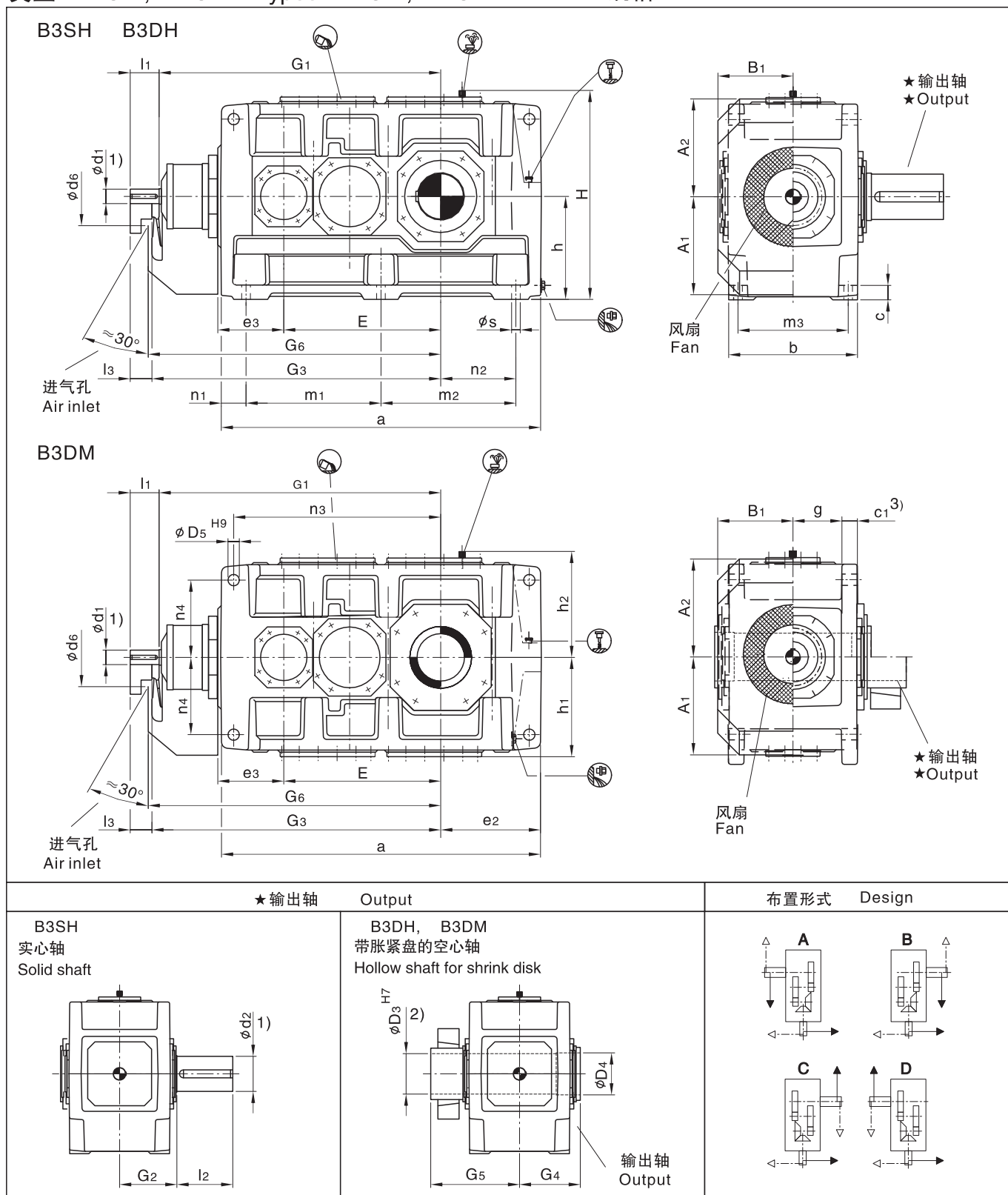
| 规格<br>Size | 尺寸mm      Dimensions in mm |                |                |                   |                |                |                   |                |                |                   |                |                |                   |                |                |            |                |                |
|------------|----------------------------|----------------|----------------|-------------------|----------------|----------------|-------------------|----------------|----------------|-------------------|----------------|----------------|-------------------|----------------|----------------|------------|----------------|----------------|
|            | 输入轴      Input             |                |                |                   |                |                |                   |                |                |                   |                |                |                   |                |                |            |                |                |
|            | in=12.5 - 45               |                |                | in=14 - 50        |                |                | in=16 - 56        |                |                | in=50 - 71        |                |                | in=56 - 80        |                |                | in=63 - 90 |                |                |
|            | d <sub>1</sub> 1)          | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> 1) | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> 1) | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> 1) | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> 1) | l <sub>1</sub> | l <sub>3</sub> |            | l <sub>1</sub> | l <sub>3</sub> |
| 13         | 80                         | 165            | 130            |                   |                |                |                   |                |                | 60                | 140            | 105            |                   |                |                |            |                |                |
| 14         |                            |                |                |                   |                |                | 80                | 165            | 130            |                   |                |                |                   |                |                | 60         | 140            | 105            |
| 15         | 90                         | 165            | 130            |                   |                |                |                   |                |                | 70                | 140            | 105            |                   |                |                |            |                |                |
| 16         |                            |                |                | 90                | 165            | 130            |                   |                |                |                   |                |                | 70                | 140            | 105            |            |                |                |
| 17         | 110                        | 205            | 165            |                   |                |                |                   |                |                | 80                | 170            | 130            |                   |                |                |            |                |                |
| 18         |                            |                |                | 110               | 205            | 165            |                   |                |                |                   |                |                | 80                | 170            | 130            |            |                |                |
| 19         | 130                        | 245            | 200            |                   |                |                |                   |                |                | 100               | 210            | 165            |                   |                |                |            |                |                |
| 20         |                            |                |                | 130               | 245            | 200            |                   |                |                |                   |                |                | 100               | 210            | 165            |            |                |                |
| 21         | 130                        | 245            | 200            |                   |                |                |                   |                |                | 100               | 210            | 165            |                   |                |                |            |                |                |
| 22         |                            |                |                | 130               | 245            | 200            |                   |                |                |                   |                |                | 100               | 210            | 165            |            |                |                |

| 规格<br>Size | 尺寸mm      Dimensions in mm |                |                |     |                |     |                |                |                |                |                |      |       |
|------------|----------------------------|----------------|----------------|-----|----------------|-----|----------------|----------------|----------------|----------------|----------------|------|-------|
|            | 减速机 Reductors              |                |                |     |                |     |                |                |                |                |                |      |       |
|            | a                          | A <sub>1</sub> | A <sub>2</sub> | b   | B <sub>1</sub> | c   | c <sub>1</sub> | d <sub>6</sub> | D <sub>5</sub> | e <sub>2</sub> | e <sub>3</sub> | E    | g     |
| 13         | 1290                       | 425            | 435            | 550 | 325            | 60  | 61 ± 2         | 210            | 48             | 405            | 265            | 635  | 211.5 |
| 14         | 1430                       | 425            | 435            | 550 | 325            | 60  | 61 ± 2         | 210            | 48             | 475            | 265            | 705  | 211.5 |
| 15         | 1550                       | 485            | 520            | 625 | 365            | 70  | 72 ± 2         | 210            | 55             | 485            | 320            | 762  | 238   |
| 16         | 1640                       | 485            | 520            | 625 | 365            | 70  | 72 ± 2         | 210            | 55             | 530            | 320            | 808  | 238   |
| 17         | 1740                       | 535            | 570            | 690 | 395            | 80  | 81 ± 2         | 230            | 55             | 525            | 370            | 860  | 259   |
| 18         | 1860                       | 535            | 570            | 690 | 395            | 80  | 81 ± 2         | 230            | 55             | 585            | 370            | 920  | 259   |
| 19         | 2010                       | 610            | 630            | 790 | 448            | 90  | 91 ± 2         | 245            | 65             | 590            | 420            | 997  | 299   |
| 20         | 2130                       | 610            | 630            | 790 | 448            | 90  | 91 ± 2         | 245            | 65             | 650            | 420            | 1057 | 299   |
| 21         | 2140                       | 690            | 690            | 830 | 473            | 100 | 100 ± 2        | 280            | 75             | 655            | 450            | 1067 | 310   |
| 22         | 2250                       | 690            | 690            | 830 | 473            | 100 | 100 ± 2        | 280            | 75             | 710            | 450            | 1122 | 310   |

| 规格<br>Size | 尺寸mm    Dimensions in mm |     |                |                |      |                |                |                |                |                |                |                |    |
|------------|--------------------------|-----|----------------|----------------|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----|
|            | 减速机 Reductors            |     |                |                |      |                |                |                |                |                |                |                |    |
|            | G <sub>6</sub>           | h   | h <sub>1</sub> | h <sub>2</sub> | H    | m <sub>1</sub> | m <sub>2</sub> | m <sub>3</sub> | n <sub>1</sub> | n <sub>2</sub> | n <sub>3</sub> | n <sub>4</sub> | s  |
| 13         | 1180                     | 440 | 450            | 460            | 900  | 545            | 545            | 475            | 100            | 305            | 835            | 340            | 35 |
| 14         | 1250                     | 440 | 450            | 460            | 900  | 545            | 685            | 475            | 100            | 375            | 905            | 340            | 35 |
| 15         | 1420                     | 500 | 490            | 500            | 1000 | 655            | 655            | 535            | 120            | 365            | 1005           | 375            | 42 |
| 16         | 1470                     | 500 | 490            | 500            | 1000 | 655            | 745            | 535            | 120            | 410            | 1050           | 375            | 42 |
| 17         | 1620                     | 550 | 555            | 560            | 1110 | 735            | 735            | 600            | 135            | 390            | 1145           | 425            | 42 |
| 18         | 1680                     | 550 | 555            | 560            | 1110 | 735            | 855            | 600            | 135            | 450            | 1205           | 425            | 42 |
| 19         | 1900                     | 620 | 615            | 620            | 1240 | 850            | 850            | 690            | 155            | 435            | 1345           | 475            | 48 |
| 20         | 1960                     | 620 | 615            | 620            | 1240 | 850            | 970            | 690            | 155            | 495            | 1405           | 475            | 48 |
| 21         | 1970                     | 700 | 685            | 690            | 1390 | 900            | 900            | 720            | 170            | 485            | 1400           | 520            | 56 |
| 22         | 2025                     | 700 | 685            | 690            | 1390 | 900            | 1010           | 720            | 170            | 540            | 1455           | 520            | 56 |

| 规格<br>Size | 尺寸mm      Dimensions in mm |                |                |                   |                |                |                |                |                | 润滑油<br>Oil |      | 重量<br>Weight |       |
|------------|----------------------------|----------------|----------------|-------------------|----------------|----------------|----------------|----------------|----------------|------------|------|--------------|-------|
|            | 输出轴      Output            |                |                |                   |                |                |                |                |                |            |      |              |       |
|            | B3SH                       |                |                | B3HH              | B3HM           | B3DH           |                | B3DM           |                | B3.H       | B3.M | B3.H         | WB3.M |
|            | D <sub>2</sub> 1)          | G <sub>2</sub> | l <sub>2</sub> | D <sub>2</sub> 2) | G <sub>4</sub> | D <sub>3</sub> | D <sub>4</sub> | G <sub>4</sub> | G <sub>5</sub> | (l)        | (l)  | (kg)         | (kg)  |
| 13         | 200                        | 335            | 350            | 190               | 335            | 190            | 195            | 335            | 480            | 130        | 110  | 2380         | 2260  |
| 14         | 210                        | 335            | 350            | 210               | 335            | 210            | 215            | 335            | 480            | 140        | 115  | 2750         | 2615  |
| 15         | 230                        | 380            | 410            | 230               | 380            | 230            | 235            | 380            | 550            | 210        | 160  | 3730         | 3540  |
| 16         | 240                        | 380            | 410            | 240               | 380            | 240            | 245            | 380            | 550            | 220        | 165  | 3955         | 3765  |
| 17         | 250                        | 415            | 410            | 250               | 415            | 250            | 260            | 415            | 600            | 290        | 230  | 4990         | 4760  |
| 18         | 270                        | 415            | 470            | 275               | 415            | 280            | 285            | 415            | 600            | 300        | 235  | 5495         | 5240  |
| 19         | 290                        | 465            | 470            | —                 | —              | 285            | 295            | 465            | 670            | 380        | 360  | 6240         | 6050  |
| 20         | 300                        | 465            | 500            | —                 | —              | 310            | 315            | 465            | 670            | 440        | 420  | 6950         | 6710  |
| 21         | 320                        | 490            | 500            | —                 | —              | 330            | 335            | 490            | 715            | 370        | 420  | 8480         | 8190  |
| 22         | 340                        | 490            | 550            | —                 | —              | 340            | 345            | 490            | 725            | 430        | 490  | 9240         | 8950  |

直交轴减速机 Bevel-helical Reductors      三级传动 Three Stage      卧式安装 Horizontal  
 类型 B3.H, B3.M Types      B3.H, B3.M      规格 23..26 Sizes 23...26



1)  $k_6 \leq \Phi 50$      $m_6 > \Phi 50$

有关平键 GB/T1095-1979 型和中心孔, 参见第279-280页。For parallel key GB/T1095-1979 and for center hole, see page 279-280.

2) 键槽 GB/T1095-1979 Keyway GB/T1095-1979.

3) 扭力支撑位于工作机侧。Torque support on driven machine side.

直交轴减速机 Bevel-helical Reductors

三级传动 Three Stage

卧式安装Horizontal

类型 B3.H, B3.M Types B3.H, B3.M

规格 23...26 Sizes 23...26

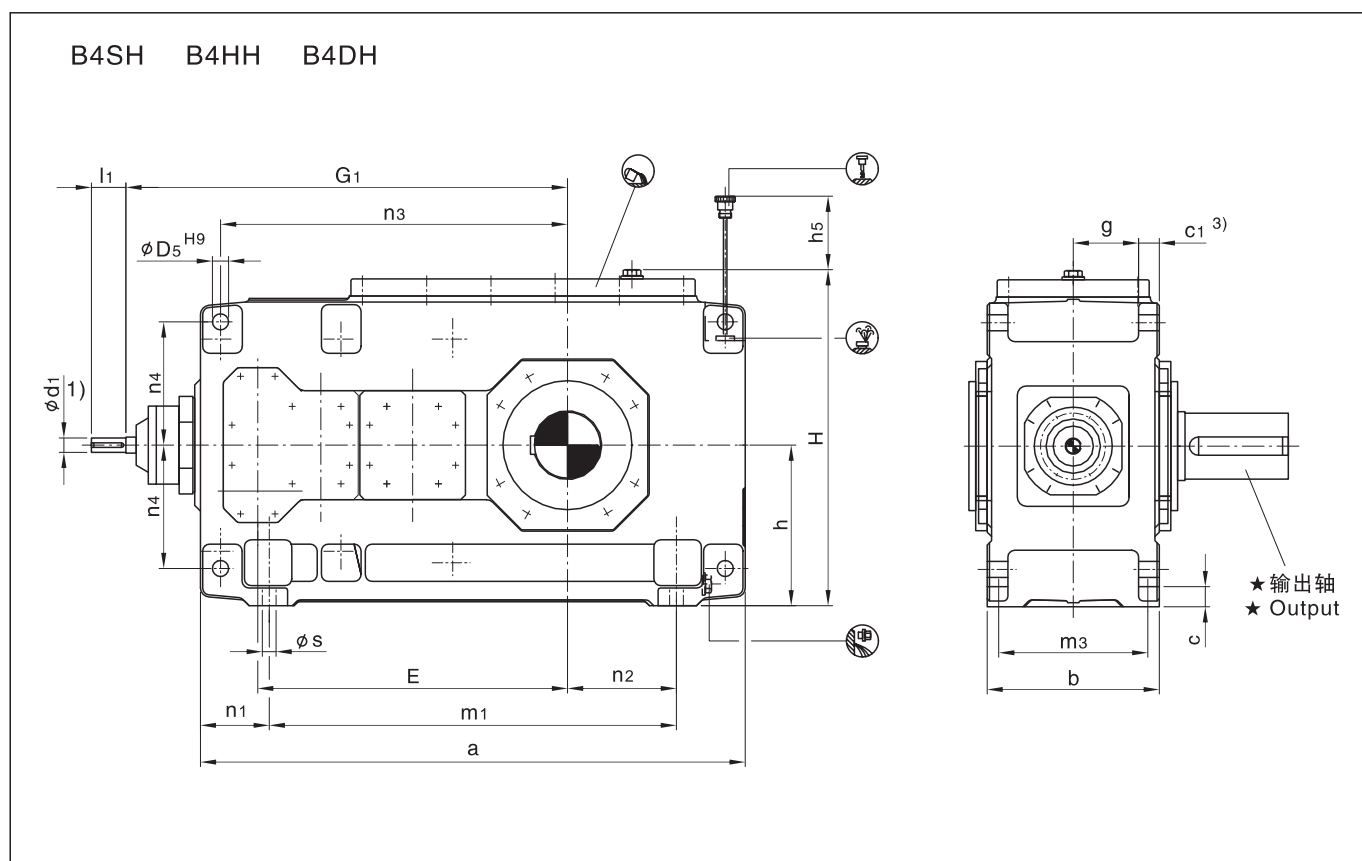
| 规格<br>Size | 尺寸 mm Dimensions in mm |                |                |                   |                |                |                   |                |                |                   |                |                |
|------------|------------------------|----------------|----------------|-------------------|----------------|----------------|-------------------|----------------|----------------|-------------------|----------------|----------------|
|            | 输入轴 Input              |                |                |                   |                |                |                   |                |                |                   |                |                |
|            | iN=20-45               |                |                | iN=22.4-50        |                |                | iN=50-71          |                |                | iN=56-80          |                |                |
|            | d <sub>1</sub> 1)      | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> 1) | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> 1) | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> 1) | l <sub>1</sub> | l <sub>3</sub> |
| 23         | 150                    | 245            | 200            |                   |                |                | 110               | 210            | 165            |                   |                |                |
| 24         |                        |                |                | 150               | 245            | 200            |                   |                |                | 110               | 210            | 165            |
| 25         | 150                    | 245            | 200            |                   |                |                | 110               | 210            | 165            |                   |                |                |
| 26         |                        |                |                | 150               | 245            | 200            |                   |                |                | 110               | 210            | 165            |

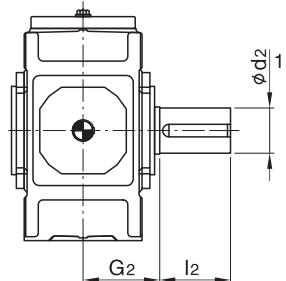
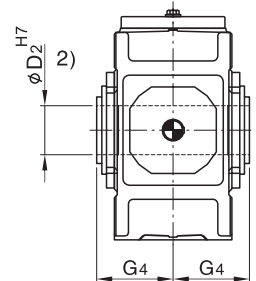
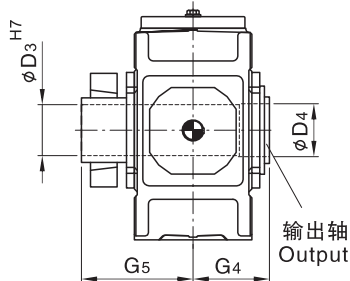
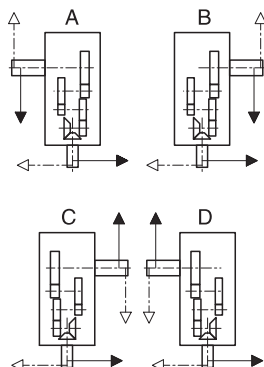
| 规格<br>Size | 尺寸 mm Dimensions in mm |                |                |      |                |     |                |                |                |                |                |      |     |
|------------|------------------------|----------------|----------------|------|----------------|-----|----------------|----------------|----------------|----------------|----------------|------|-----|
|            | 减速机 Reductors          |                |                |      |                |     |                |                |                |                |                |      |     |
|            | a                      | A <sub>1</sub> | A <sub>2</sub> | b    | B <sub>1</sub> | c   | c <sub>1</sub> | d <sub>6</sub> | D <sub>5</sub> | e <sub>2</sub> | e <sub>3</sub> | E    | g   |
| 23         | 2380                   | 770            | 770            | 930  | 528            | 115 | 120±2          | 350            | 80             | 730            | 490            | 1185 | 342 |
| 24         | 2510                   | 770            | 770            | 930  | 528            | 115 | 120±2          | 350            | 80             | 795            | 490            | 1250 | 342 |
| 25         | 2580                   | 845            | 865            | 1045 | 585            | 130 | 120±2          | 380            | 90             | 790            | 490            | 1325 | 400 |
| 26         | 2760                   | 845            | 865            | 1045 | 585            | 130 | 120±2          | 380            | 90             | 880            | 490            | 1415 | 400 |

| 规格<br>Size | 尺寸 mm Dimensions in mm |     |                |                |      |                |                |                |                |                |                |                |    |
|------------|------------------------|-----|----------------|----------------|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----|
|            | 减速机 Reductors          |     |                |                |      |                |                |                |                |                |                |                |    |
|            | G <sub>6</sub>         | h   | h <sub>1</sub> | h <sub>2</sub> | H    | m <sub>1</sub> | m <sub>2</sub> | m <sub>3</sub> | n <sub>1</sub> | n <sub>2</sub> | n <sub>3</sub> | n <sub>4</sub> | s  |
| 23         | 2200                   | 780 | 770            | 790            | 1570 | 1010           | 1010           | 810            | 180            | 550            | 1560           | 580            | 56 |
| 24         | 2265                   | 780 | 770            | 790            | 1570 | 1010           | 1140           | 810            | 180            | 615            | 1625           | 580            | 56 |
| 25         | 2315                   | 860 | 860            | 860            | 1720 | 1090           | 1090           | 910            | 200            | 590            | 1685           | 660            | 66 |
| 26         | 2430                   | 860 | 860            | 860            | 1720 | 1090           | 1270           | 910            | 200            | 680            | 1775           | 660            | 66 |

| 规格<br>Size | 尺寸 mm   Dimensions in mm     |                |                |                |                |                |                | 润滑油   Oil |      | 重量   Weight |       |
|------------|------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------|------|-------------|-------|
|            | 输出轴   Output                 |                |                |                |                |                |                |           |      |             |       |
|            | B3SH                         |                |                | B3DH           |                | B3DM           |                | B3.H      | B3.M | B3.H        | B3.M  |
|            | d <sub>2</sub> <sup>1)</sup> | G <sub>2</sub> | l <sub>2</sub> | D <sub>3</sub> | D <sub>4</sub> | G <sub>4</sub> | G <sub>5</sub> | (l)       | (l)  | (kg)        | (kg)  |
| 23         | 360                          | 540            | 590            | 360            | 365            | 540            | 785            | 520       | 560  | 11500       | 10600 |
| 24         | 380                          | 540            | 590            | 380            | 385            | 540            | 805            | 600       | 650  | 13400       | 12500 |
| 25         | 400                          | 605            | 650            | 400            | 405            | 605            | 875            | 720       | 790  | 16000       | 15100 |
| 26         | 420                          | 605            | 650            | 430            | 435            | 605            | 900            | 840       | 920  | 17500       | 16400 |

直交轴减速机 Bevel-helical Reductors      四级传动 Four Stage      卧式安装 Horizontal  
 类型 B4.H Types      B4.H      规格 5...12 Sizes 5...12



| ★ 输出轴 Output                                                                                                   |                                                                                                                 |                                                                                                                                       | 布置形式 Design                                                                           |
|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| B4SH<br>实心轴<br>Solid shaft  | B4HH<br>空心轴<br>Hollow shaft  | B4DH<br>带胀紧盘的空心轴<br>Hollow shaft for shrink disk  |  |

1)  $k_6 \leq \phi 50$   $m_6 > \phi 50$

有关平键 GB/T1095-1979 型和中心孔, 参见第279-280页。For parallel key GB/T1095-1979 and for center hole, see page 279-280.

2) 键槽 GB/T1095-1979 Keyway GB/T1095-1979.

3) 扭力支撑位于工作机侧。Torque support on driven machine side.

直交轴减速机 Bevel-helical Reductors    四级传动 Four Stage    卧式安装 Horizontal

类型 B4.H Types    B4.H    规格5...12    Sizes 5...12

| 规格<br>Size | 尺寸 mm    Dimensions in mm    |                |                              |                |                              |                |                              |                |                |
|------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|----------------|
|            | 输入轴    Input                 |                |                              |                |                              |                |                              |                |                |
|            | i <sub>N</sub> = 80 – 180    |                | i <sub>N</sub> = 100 – 224   |                | i <sub>N</sub> = 200 – 315   |                | i <sub>N</sub> = 250 – 400   |                | G <sub>1</sub> |
|            | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> |                |
| 5          | 28                           | 55             |                              |                | 20                           | 50             |                              |                | 615            |
| 6          |                              |                | 28                           | 55             |                              |                | 20                           | 50             | 650            |
| 7          | 30                           | 70             |                              |                | 25                           | 60             |                              |                | 725            |
| 8          |                              |                | 30                           | 70             |                              |                | 25                           | 60             | 770            |
| 9          | 35                           | 80             |                              |                | 28                           | 60             |                              |                | 840            |
| 10         |                              |                | 35                           | 80             |                              |                | 28                           | 60             | 890            |
| 11         | 45                           | 100            |                              |                | 35                           | 80             |                              |                | 1010           |
| 12         |                              |                | 45                           | 100            |                              |                | 35                           | 80             | 1080           |

| 规格<br>Size | 尺寸mm    Dimensions in mm |     |    |                |                |     |      |     |                |     |                |                |                |                |                |                |    |
|------------|--------------------------|-----|----|----------------|----------------|-----|------|-----|----------------|-----|----------------|----------------|----------------|----------------|----------------|----------------|----|
|            | 减速机 Reductors            |     |    |                |                |     |      |     |                |     |                |                |                |                |                |                |    |
|            | a                        | b   | c  | c <sub>1</sub> | D <sub>5</sub> | E   | g    | h   | h <sub>5</sub> | H   | m <sub>1</sub> | m <sub>3</sub> | n <sub>1</sub> | n <sub>2</sub> | n <sub>3</sub> | n <sub>4</sub> | s  |
| 5          | 690                      | 255 | 28 | 30 ± 1         | 24             | 405 | 97.5 | 230 | 100            | 482 | 480            | 220            | 105            | 100            | 455            | 180            | 19 |
| 6          | 770                      | 255 | 28 | 30 ± 1         | 24             | 440 | 97.5 | 230 | 100            | 482 | 560            | 220            | 105            | 145            | 490            | 180            | 19 |
| 7          | 845                      | 300 | 35 | 36 ± 1         | 28             | 495 | 114  | 280 | 140            | 572 | 605            | 260            | 120            | 130            | 560            | 215            | 24 |
| 8          | 950                      | 300 | 35 | 36 ± 1         | 28             | 540 | 114  | 280 | 130            | 582 | 710            | 260            | 120            | 190            | 605            | 215            | 24 |
| 9          | 1000                     | 370 | 40 | 45 ± 1.5       | 36             | 580 | 140  | 320 | 135            | 662 | 710            | 320            | 145            | 155            | 660            | 245            | 28 |
| 10         | 1100                     | 370 | 40 | 45 ± 1.5       | 36             | 630 | 140  | 320 | 135            | 662 | 810            | 320            | 145            | 205            | 710            | 245            | 28 |
| 11         | 1200                     | 430 | 50 | 54 ± 1.5       | 40             | 705 | 161  | 380 | 170            | 782 | 870            | 370            | 165            | 180            | 805            | 300            | 35 |
| 12         | 1355                     | 430 | 50 | 54 ± 1.5       | 40             | 775 | 161  | 380 | 160            | 790 | 1025           | 370            | 165            | 265            | 875            | 300            | 35 |

| 规格<br>Size | 尺寸mm    Dimensions in mm |     |     |       |     |      |     |     |     | 润滑油<br>Oil<br>(l) | 重量<br>Weight<br>(kg) |
|------------|--------------------------|-----|-----|-------|-----|------|-----|-----|-----|-------------------|----------------------|
|            | 输出轴    Output            |     |     |       |     |      |     |     |     |                   |                      |
|            | B4SH                     |     |     | B4HH  |     | B4DH |     |     |     |                   |                      |
|            | d2 1)                    | G2  | l2  | D2 2) | G4  | D3   | D4  | G4  | G5  |                   |                      |
| 5          | 100                      | 165 | 210 | 95    | 165 | 100  | 100 | 165 | 240 | 16                | 335                  |
| 6          | 110                      | 165 | 210 | 105   | 165 | 110  | 110 | 165 | 240 | 18                | 385                  |
| 7          | 120                      | 195 | 210 | 115   | 195 | 120  | 120 | 195 | 280 | 30                | 555                  |
| 8          | 130                      | 195 | 250 | 125   | 195 | 130  | 130 | 195 | 285 | 33                | 655                  |
| 9          | 140                      | 235 | 250 | 135   | 235 | 140  | 145 | 235 | 330 | 48                | 890                  |
| 10         | 160                      | 235 | 300 | 150   | 235 | 150  | 155 | 235 | 350 | 50                | 1025                 |
| 11         | 170                      | 270 | 300 | 165   | 270 | 165  | 170 | 270 | 400 | 80                | 1485                 |
| 12         | 180                      | 270 | 300 | 180   | 270 | 180  | 185 | 270 | 405 | 90                | 1750                 |



# SAILAN

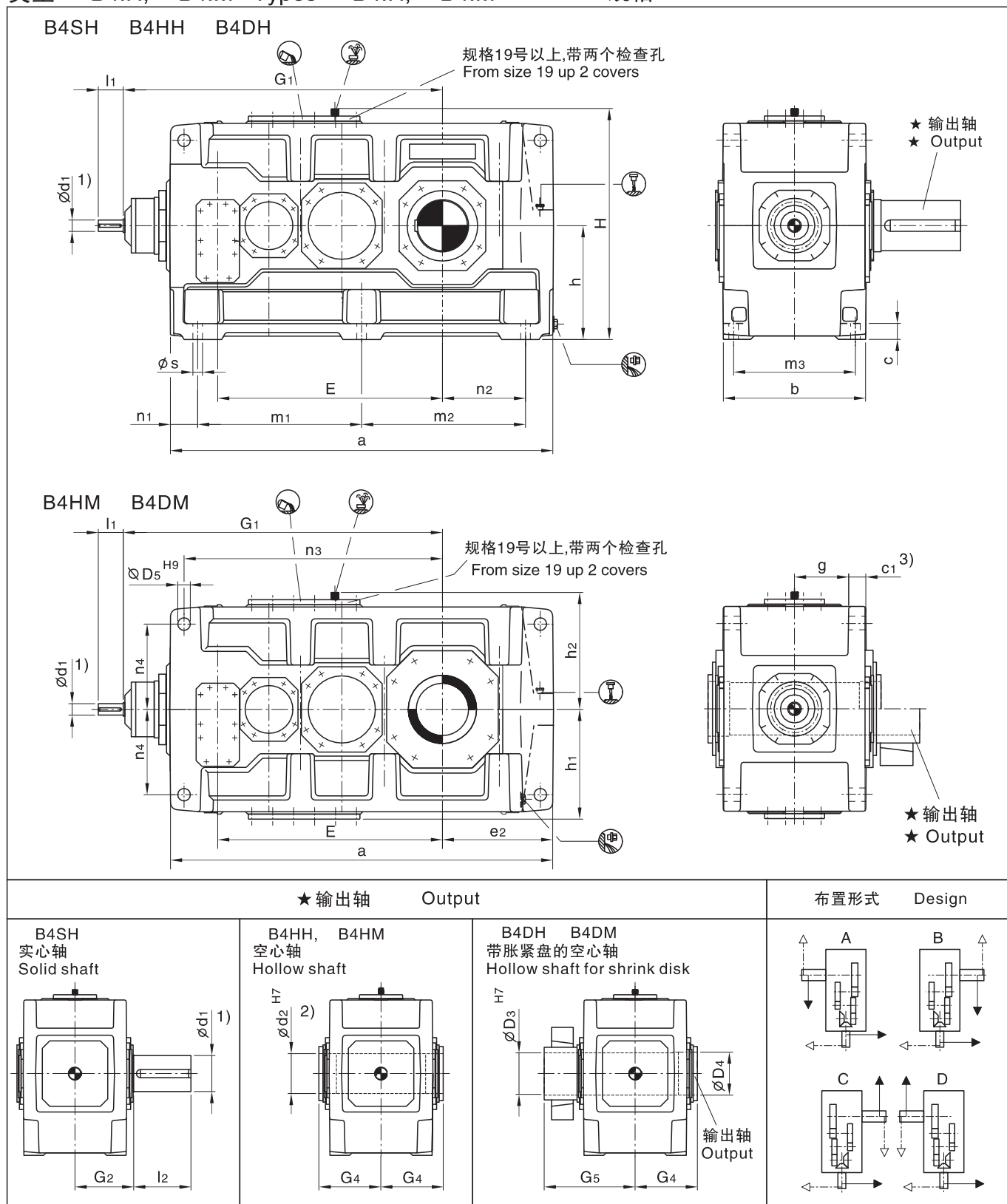
直交轴减速机 Bevel-helical Reductors

四级传动 Four Stage

卧式安装 Horizontal

类型 B4.H, B4.M Types B4.H, B4.M

规格 13...22 Sizes 13...22



1)  $k_6 \leq \Phi 50$   $m_6 > \Phi 50$

有关平键 GB/T1095-1979 型和中心孔, 参见第279-280页。For parallel key GB/T1095-1979 and for center hole, see page 279-280.

2) 键槽 GB/T1095-1979 Keyway GB/T1095-1979.

3) 扭力支撑位于工作机侧。Torque support on driven machine side.



直交轴减速机 Bevel-helical Reductors

四级传动 FourStage

卧式安装 Horizontal

类型 B4.H, B4.M Types B4.H, B4.M

规格 13...22 Sizes 13...22

| 规格<br>Size | 尺寸 mm Dimensions in mm |     |           |     |            |     |            |     |            |     |            |     |
|------------|------------------------|-----|-----------|-----|------------|-----|------------|-----|------------|-----|------------|-----|
|            | 输入轴 Input              |     |           |     |            |     |            |     |            |     |            |     |
|            | in=80-180              |     | in=90-200 |     | in=100-224 |     | in=200-315 |     | in=224-355 |     | in=250-400 |     |
|            | d1 1)                  | l1  | d1 1)     | l1  | d1 1)      | l1  | d1 1)      | l1  | d1 1)      | l1  | d1 1)      | l1  |
| 13         | 55                     | 110 |           |     |            |     | 40         | 100 |            |     |            |     |
| 14         |                        |     |           |     | 55         | 110 |            |     |            |     | 40         | 100 |
| 15         | 70                     | 135 |           |     |            |     | 50         | 110 |            |     |            |     |
| 16         |                        |     | 70        | 135 |            |     |            |     | 50         | 110 |            |     |
| 17         | 70                     | 135 |           |     |            |     | 50         | 110 |            |     |            |     |
| 18         |                        |     | 70        | 135 |            |     |            |     | 50         | 110 |            |     |
| 19         | 80                     | 165 |           |     |            |     | 60         | 140 |            |     |            |     |
| 20         |                        |     | 80        | 165 |            |     |            |     | 60         | 140 |            |     |
| 21         | 90                     | 165 |           |     |            |     | 70         | 140 |            |     |            |     |
| 22         |                        |     | 90        | 165 |            |     |            |     | 70         | 140 |            |     |

| 规格<br>Size | 尺寸 mm Dimensions in mm |     |     |         |    |     |      |       |     |     |
|------------|------------------------|-----|-----|---------|----|-----|------|-------|-----|-----|
|            | 减速机 Reductors          |     |     |         |    |     |      |       |     |     |
|            | a                      | b   | c   | c1      | D5 | e2  | E    | g     | h   | h1  |
| 13         | 1395                   | 550 | 60  | 61 ± 2  | 48 | 405 | 820  | 211.5 | 440 | 450 |
| 14         | 1535                   | 550 | 60  | 61 ± 2  | 48 | 475 | 890  | 211.5 | 440 | 450 |
| 15         | 1680                   | 625 | 70  | 72 ± 2  | 55 | 485 | 987  | 238   | 500 | 490 |
| 16         | 1770                   | 625 | 70  | 72 ± 2  | 55 | 530 | 1033 | 238   | 500 | 490 |
| 17         | 1770                   | 690 | 80  | 81 ± 2  | 55 | 525 | 1035 | 259   | 550 | 555 |
| 18         | 1890                   | 690 | 80  | 81 ± 2  | 55 | 585 | 1095 | 259   | 550 | 555 |
| 19         | 2030                   | 790 | 90  | 91 ± 2  | 65 | 590 | 1190 | 299   | 620 | 615 |
| 20         | 2150                   | 790 | 90  | 91 ± 2  | 65 | 650 | 1250 | 299   | 620 | 615 |
| 21         | 2340                   | 830 | 100 | 100 ± 2 | 75 | 655 | 1387 | 310   | 700 | 685 |
| 22         | 2450                   | 830 | 100 | 100 ± 2 | 75 | 710 | 1442 | 310   | 700 | 685 |

| 规格<br>Size | 尺寸 mm Dimensions in mm |      |       |       |     |     |     |      |     |    |
|------------|------------------------|------|-------|-------|-----|-----|-----|------|-----|----|
|            | 减速机 Reductors          |      |       |       |     |     |     |      |     |    |
|            | h2                     | H    | m1    | m2    | m3  | n1  | n2  | n3   | n4  | s  |
| 13         | 460                    | 900  | 597.5 | 597.5 | 475 | 100 | 305 | 940  | 340 | 35 |
| 14         | 460                    | 900  | 597.5 | 737.5 | 475 | 100 | 375 | 1010 | 340 | 35 |
| 15         | 500                    | 1000 | 720   | 720   | 535 | 120 | 365 | 1135 | 375 | 42 |
| 16         | 500                    | 1000 | 720   | 810   | 535 | 120 | 410 | 1180 | 375 | 42 |
| 17         | 560                    | 1110 | 750   | 750   | 600 | 135 | 390 | 1175 | 425 | 42 |
| 18         | 560                    | 1110 | 750   | 870   | 600 | 135 | 450 | 1235 | 425 | 42 |
| 19         | 620                    | 1240 | 860   | 860   | 690 | 155 | 435 | 1365 | 475 | 48 |
| 20         | 620                    | 1240 | 860   | 980   | 690 | 155 | 495 | 1425 | 475 | 48 |
| 21         | 690                    | 1390 | 1000  | 1000  | 720 | 170 | 485 | 1615 | 520 | 56 |
| 22         | 690                    | 1390 | 1000  | 1110  | 720 | 170 | 540 | 1670 | 520 | 56 |

| 规格<br>Size | 尺寸 mm    Dimensions in mm |     |     |       |      |      |     |      |     | 润滑油<br>Oil |      | 重量<br>Weight |      |
|------------|---------------------------|-----|-----|-------|------|------|-----|------|-----|------------|------|--------------|------|
|            | 输入轴    Input              |     |     |       |      |      |     |      |     |            |      |              |      |
|            | B4SH                      |     |     | B4HH  | B4HM | B4DH |     | B4DM |     | B4.H       | B4.M | B4.H         | B4.M |
|            | d1 1)                     | G2  | l2  | D2 2) | G4   | D3   | D4  | G4   | G5  | (l)        | (l)  | (kg)         | (kg) |
| 13         | 200                       | 335 | 350 | 190   | 335  | 190  | 195 | 335  | 480 | 145        | 120  | 2395         | 2280 |
| 14         | 210                       | 335 | 350 | 210   | 335  | 210  | 215 | 335  | 480 | 150        | 125  | 2735         | 2605 |
| 15         | 230                       | 380 | 410 | 230   | 380  | 230  | 235 | 380  | 550 | 230        | 170  | 3630         | 3435 |
| 16         | 240                       | 380 | 410 | 240   | 380  | 240  | 245 | 380  | 550 | 235        | 175  | 3985         | 3765 |
| 17         | 250                       | 415 | 410 | 250   | 415  | 250  | 260 | 415  | 600 | 295        | 230  | 4695         | 4460 |
| 18         | 270                       | 415 | 470 | 275   | 415  | 280  | 285 | 415  | 600 | 305        | 235  | 5200         | 4930 |
| 19         | 290                       | 465 | 470 | —     | —    | 285  | 295 | 465  | 670 | 480        | 440  | 5750         | 5400 |
| 20         | 300                       | 465 | 500 | —     | —    | 310  | 315 | 465  | 670 | 550        | 510  | 6450         | 6000 |
| 21         | 320                       | 490 | 500 | —     | —    | 330  | 335 | 490  | 715 | 540        | 590  | 7850         | 7350 |
| 22         | 340                       | 490 | 550 | —     | —    | 340  | 345 | 490  | 725 | 620        | 680  | 8400         | 7850 |

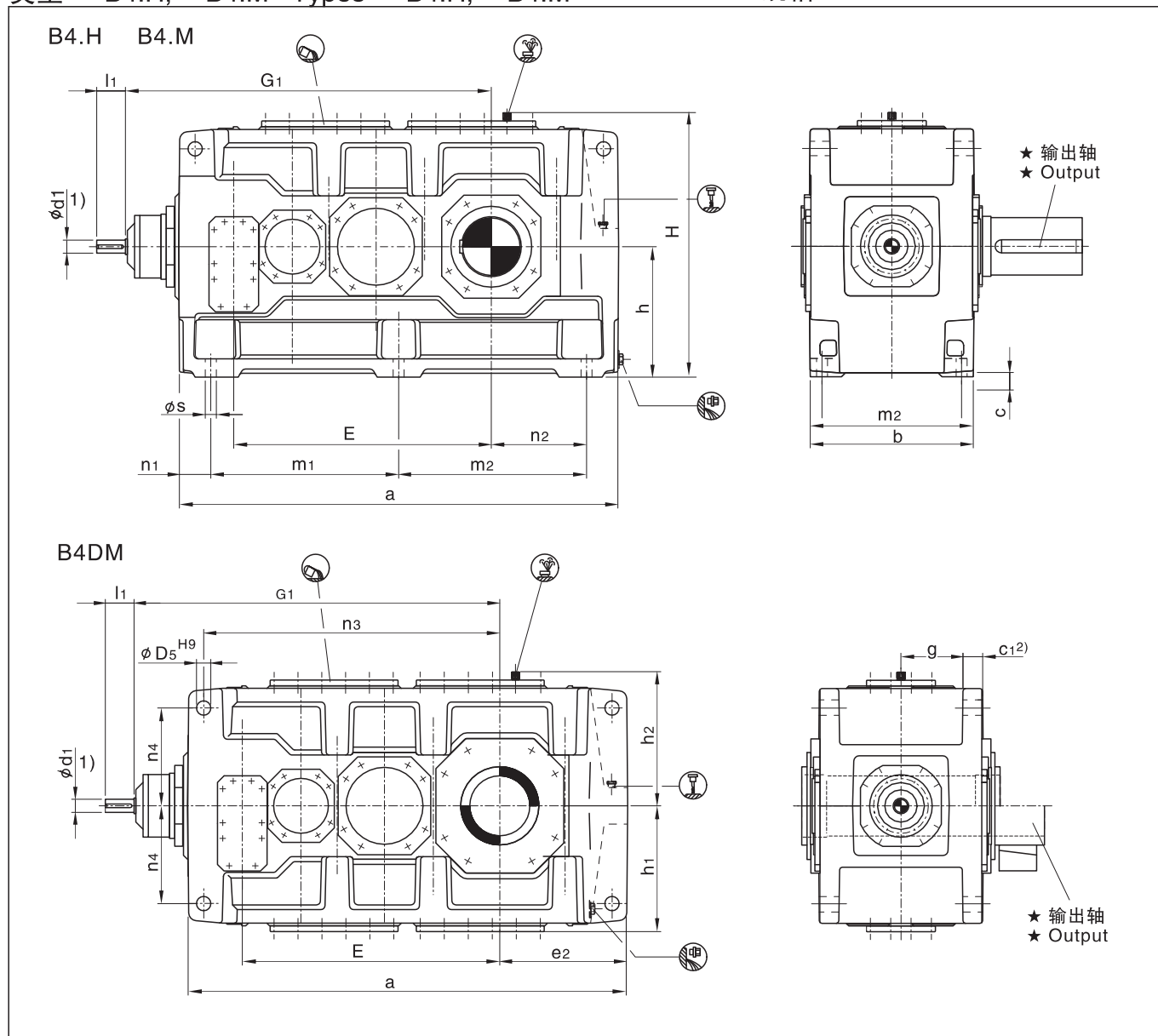
直交轴减速机 Bevel-helical Reductors

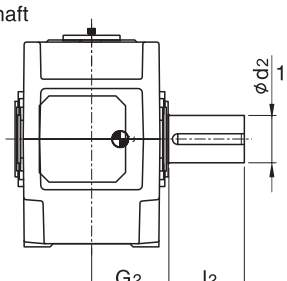
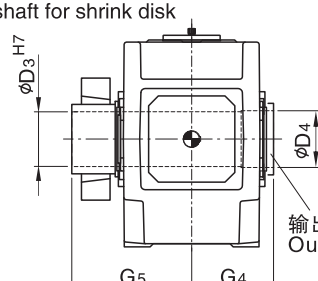
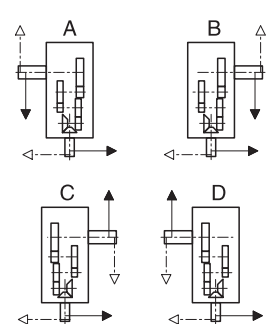
四级传动 Four Stage

卧式安装 Horizontal

类型 B4.H, B4.M Types B4.H, B4.M

规格 23 ... 26 Sizes 23 ... 26



| ★ 输出轴 Output                                                                                                            |                                                                                                                                                      | 布置形式 Design                                                                           |
|-------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <p>B4SH<br/>实心轴<br/>Solid shaft</p>  | <p>B4DH, B4DM<br/>带胀紧盘的空心轴<br/>Hollow shaft for shrink disk</p>  |  |

1)  $k_6 \leq \Phi 50$   $m_6 > \Phi 50$

有关平键 GB/T1095-1979 型和中心孔, 参见第279-280页。For parallel key GB/T1095-1979 and for center hole, see page 279-280.

2) 键槽 GB/T1095-1979 Keyway GB/T1095-1979.

3) 扭力支撑位于工作机侧。Torque support on driven machine side.

直交轴减速机 Bevel-helical Reductors

四级传动 Four Stage

卧式安装 Horizontal

类型 B4.H, B4.M Types B4.H, B4.M

规格 23...26 Sizes 23...26

| 规格<br>Size | 尺寸mm Dimensions in mm        |                |                              |                |                              |                |                              |                |                |
|------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|----------------|
|            | 输入轴 Input                    |                |                              |                |                              |                |                              |                |                |
|            | in=80-180                    |                | in=90-200                    |                | in=200-315                   |                | in=224-355                   |                | G <sub>1</sub> |
|            | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> |                |
| 23         | 90                           | 165            |                              |                | 70                           | 140            |                              |                | 2110           |
| 24         |                              |                | 90                           | 165            |                              |                | 70                           | 140            | 2175           |
| 25         | 110                          | 205            |                              |                | 80                           | 170            |                              |                | 2395           |
| 26         |                              |                | 110                          | 205            |                              |                | 80                           | 170            | 2485           |

| 规格<br>Size | 尺寸mm Dimensions in mm |      |     |                |                |                |      |     |     |                |
|------------|-----------------------|------|-----|----------------|----------------|----------------|------|-----|-----|----------------|
|            | 减速机 Reductors         |      |     |                |                |                |      |     |     |                |
|            | a                     | b    | c   | c <sub>1</sub> | D <sub>5</sub> | e <sub>2</sub> | E    | g   | h   | h <sub>1</sub> |
| 23         | 2530                  | 930  | 115 | 120±2          | 80             | 730            | 1505 | 342 | 780 | 770            |
| 24         | 2660                  | 930  | 115 | 120±2          | 80             | 795            | 1570 | 342 | 780 | 770            |
| 25         | 2830                  | 1045 | 130 | 120±2          | 80             | 790            | 1695 | 400 | 860 | 860            |
| 26         | 3010                  | 1045 | 130 | 120±2          | 80             | 880            | 1785 | 400 | 860 | 860            |

| 规格<br>Size | 尺寸mm Dimensions in mm |      |                |                |                |                |                |                |                |    |
|------------|-----------------------|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----|
|            | 减速机 Reductors         |      |                |                |                |                |                |                |                |    |
|            | h <sub>2</sub>        | H    | m <sub>1</sub> | m <sub>2</sub> | m <sub>3</sub> | n <sub>1</sub> | n <sub>2</sub> | n <sub>3</sub> | n <sub>4</sub> | s  |
| 23         | 790                   | 1570 | 1085           | 1285           | 810            | 180            | 550            | 1725           | 580            | 56 |
| 24         | 790                   | 1570 | 1085           | 1215           | 810            | 180            | 615            | 1790           | 580            | 56 |
| 25         | 860                   | 1720 | 1215           | 1215           | 910            | 200            | 590            | 1965           | 660            | 66 |
| 26         | 860                   | 1720 | 1215           | 1305           | 910            | 200            | 680            | 2055           | 660            | 66 |

| 规格<br>Size | 尺寸mm Dimensions in mm        |                |                |                |                |                |                | 润滑油 Oil |      | 重量 Weight |       |
|------------|------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|---------|------|-----------|-------|
|            | 输入轴 Input                    |                |                |                |                |                |                |         |      |           |       |
|            | B4SH                         |                |                | B4DH B4DM      |                |                |                | B4.H    | B4.M | B4.H      | B4.M  |
|            | d <sub>2</sub> <sup>1)</sup> | G <sub>2</sub> | l <sub>2</sub> | D <sub>2</sub> | D <sub>3</sub> | G <sub>4</sub> | G <sub>5</sub> | (1)     | (1)  | (kg)      | (kg)  |
| 23         | 360                          | 540            | 590            | 360            | 365            | 540            | 785            | 710     | 790  | 11600     | 10700 |
| 24         | 380                          | 540            | 590            | 360            | 365            | 540            | 805            | 810     | 910  | 13500     | 12600 |
| 25         | 400                          | 605            | 650            | 400            | 405            | 605            | 875            | 1000    | 1110 | 16100     | 15200 |
| 26         | 420                          | 605            | 650            | 430            | 435            | 605            | 900            | 1100    | 1200 | 17600     | 16500 |

平行轴减速机 Helical Reductors

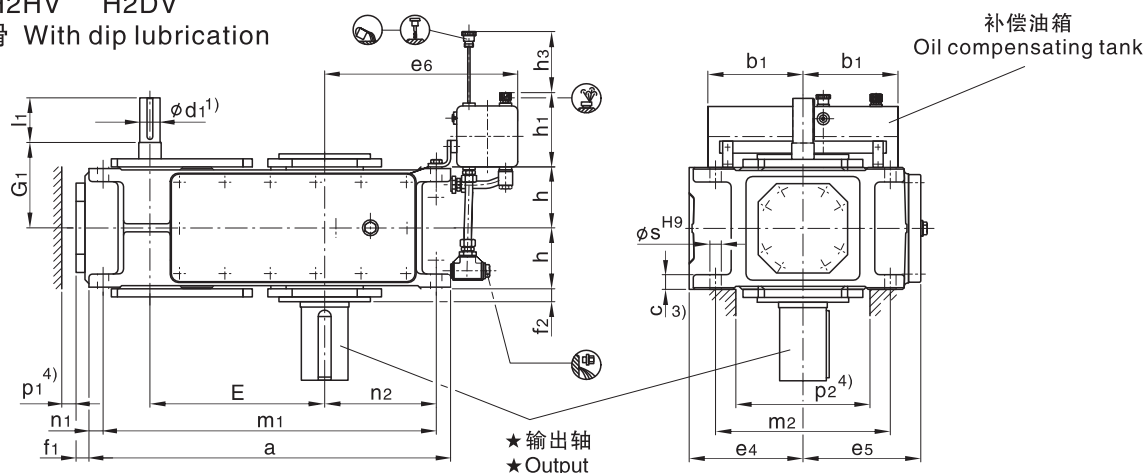
二级传动 Two Stage

立式安装 Vertical

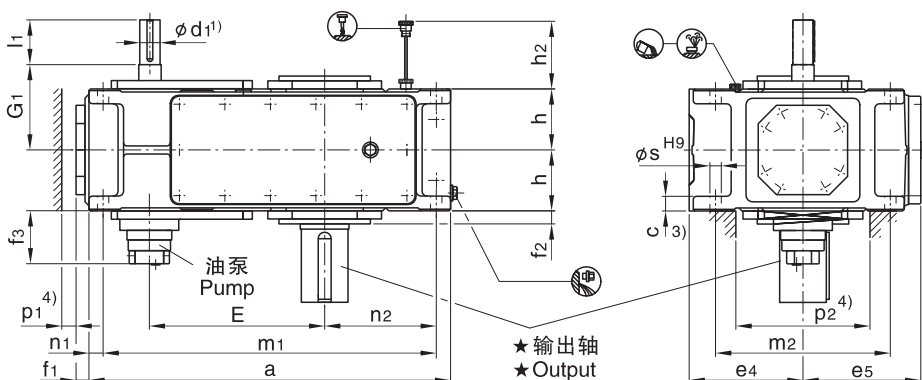
类型 H2.V Types H2.V

规格 3...12 Sizes 3...12

H2SV H2HV H2DV  
采用浸油润滑 With dip lubrication



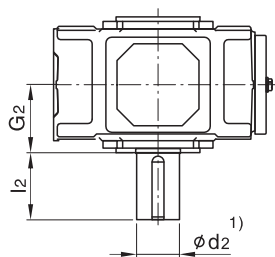
H2SV H2HV H2DV  
采用强制润滑 With forced lubrication



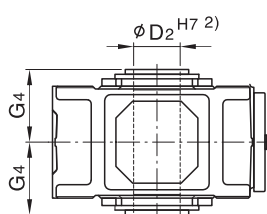
★ 输出轴 Output

布置形式 Design

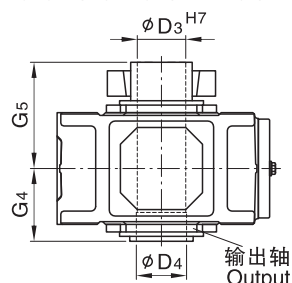
H2SV  
实心轴  
Solid shaft



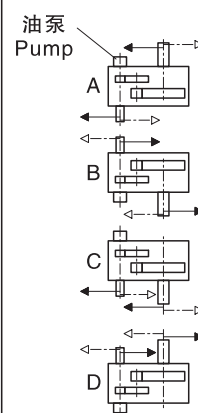
H2HV  
空心轴  
Hollow shaft



H2DV  
带胀紧盘的空心轴  
Hollow shaft for shrink disk



布置形式A+D根据用户要求供货  
Design A+D on request



1)  $k_6 \leq \Phi 50$   $m_6 > \Phi 50$

有关平键 GB/T1095-1979 型和中心孔, 参见第279-280页。For parallel key GB/T1095-1979 and for center hole, see page 279-280.

2) 键槽 GB/T1095-1979 Keyway GB/T1095-1979.

3) 扭力支撑位于工作机侧。Torque support on driven machine side.

4) 有关油泵, 油管和护盖的安装空间及确切尺寸, 请与我们联系。Space for pump, pipes and cover, for exact dimension, please refer to us.

平行轴减速机 Helical Reductors

二级传动 Two Stage

立式安装 Vertical

类型 H2.V Types H2.V

规格 3...12 Sizes 3...12

| 规格<br>Size | 尺寸 mm      Dimensions in mm  |                |                              |                |                              |                |                              |                |                |
|------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|----------------|
|            | 输入轴      Input               |                |                              |                |                              |                |                              |                |                |
|            | i <sub>N</sub> = 6.3 – 11.2  |                | i <sub>N</sub> = 8 – 14      |                | i <sub>N</sub> = 12.5 – 22.4 |                | i <sub>N</sub> = 16 – 28     |                | G <sub>1</sub> |
|            | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> |                |
| 3          | 35                           | 60             |                              |                | 28                           | 50             |                              |                | 135            |
| 4          | 45                           | 100            |                              |                | 32                           | 80             |                              |                | 170            |
| 5          | 50                           | 100            |                              |                | 38                           | 80             |                              |                | 195            |
| 6          |                              |                | 50                           | 100            |                              |                | 38                           | 80             | 195            |
| 7          | 60                           | 135            |                              |                | 50                           | 110            |                              |                | 210            |
| 8          |                              |                | 60                           | 135            |                              |                | 50                           | 110            | 210            |
| 9          | 75                           | 140            |                              |                | 60                           | 140            |                              |                | 240            |
| 10         |                              |                | 75                           | 140            |                              |                | 60                           | 140            | 240            |
| 11         | 90                           | 165            |                              |                | 70                           | 140            |                              |                | 275            |
| 12         |                              |                | 90                           | 165            |                              |                | 70                           | 140            | 275            |

| 规格<br>Size | 尺寸mm    Dimensions in mm |                |          |                |                |                |     |                |                |                |
|------------|--------------------------|----------------|----------|----------------|----------------|----------------|-----|----------------|----------------|----------------|
|            | 减速机 Reductors            |                |          |                |                |                |     |                |                |                |
|            | a                        | b <sub>1</sub> | c        | e <sub>4</sub> | e <sub>5</sub> | e <sub>6</sub> | E   | f <sub>1</sub> | f <sub>2</sub> | f <sub>3</sub> |
| 3          | 450                      | 150            | 24 ± 1   | 175            | 185            | 290            | 220 | 28             | 20             | –              |
| 4          | 565                      | 150            | 30 ± 1   | 200            | 215            | 320            | 270 | 28             | 22             | –              |
| 5          | 640                      | 240            | 30 ± 1   | 230            | 252            | 385            | 315 | 38             | 28             | 150            |
| 6          | 720                      | 240            | 30 ± 1   | 230            | 252            | 425            | 350 | 38             | 28             | 150            |
| 7          | 785                      | 240            | 36 ± 1   | 280            | 292            | 425            | 385 | 42             | 30             | 145            |
| 8          | 890                      | 240            | 36 ± 1   | 280            | 302            | 485            | 430 | 42             | 32             | 145            |
| 9          | 925                      | 330            | 45 ± 1.5 | 320            | 342            | 560            | 450 | 42             | 32             | 135            |
| 10         | 1025                     | 330            | 45 ± 1.5 | 320            | 342            | 610            | 500 | 42             | 32             | 135            |
| 11         | 1105                     | 330            | 54 ± 1.5 | 380            | 402            | 595            | 545 | 48             | 35             | 145            |
| 12         | 1260                     | 330            | 54 ± 1.5 | 380            | 410            | 680            | 615 | 48             | 35             | 145            |

| 规格<br>Size | 尺寸mm    Dimensions in mm |                |                |                |                |                |                |                |                              |                              |    |
|------------|--------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------------------|------------------------------|----|
|            | 减速机 Reductors            |                |                |                |                |                |                |                |                              |                              |    |
|            | h                        | h <sub>1</sub> | h <sub>2</sub> | h <sub>3</sub> | m <sub>1</sub> | m <sub>2</sub> | n <sub>1</sub> | n <sub>2</sub> | p <sub>1</sub> <sup>4)</sup> | p <sub>2</sub> <sup>4)</sup> | s  |
| 3          | 95                       | 165            | –              | 180            | 410            | 265            | 20             | 125            | 35                           | 210                          | 18 |
| 4          | 107.5                    | 165            | –              | 180            | 505            | 300            | 30             | 160            | 35                           | 220                          | 24 |
| 5          | 127.5                    | 205            | 190            | 240            | 580            | 360            | 30             | 175            | 35                           | 270                          | 24 |
| 6          | 127.5                    | 205            | 190            | 240            | 660            | 360            | 30             | 220            | 35                           | 270                          | 24 |
| 7          | 150                      | 205            | 165            | 250            | 715            | 430            | 35             | 215            | 35                           | 330                          | 28 |
| 8          | 150                      | 205            | 165            | 250            | 820            | 430            | 35             | 275            | 35                           | 330                          | 28 |
| 9          | 185                      | 275            | 205            | 330            | 845            | 490            | 40             | 260            | 40                           | 370                          | 36 |
| 10         | 185                      | 275            | 205            | 330            | 945            | 490            | 40             | 310            | 40                           | 370                          | 36 |
| 11         | 215                      | 275            | 240            | 340            | 1005           | 600            | 50             | 295            | 50                           | 440                          | 40 |
| 12         | 215                      | 275            | 240            | 340            | 1160           | 600            | 50             | 380            | 50                           | 440                          | 40 |

| 规格<br>Size | 尺寸 mm   Dimensions in mm        |                |                |                              |                |                |                |                |                | 润滑油   Oil                      |                                   | 重量<br>Weight<br>(kg) |
|------------|---------------------------------|----------------|----------------|------------------------------|----------------|----------------|----------------|----------------|----------------|--------------------------------|-----------------------------------|----------------------|
|            | 输出轴                      Output |                |                |                              |                |                |                |                |                | 浸油浸润<br>Dip lubrication<br>(l) | 强制润滑<br>Forced lubrication<br>(l) |                      |
|            | H2SV                            |                |                | H2HV                         |                | H2DV           |                |                |                |                                |                                   |                      |
|            | d <sub>2</sub> <sup>1)</sup>    | G <sub>2</sub> | l <sub>2</sub> | D <sub>2</sub> <sup>2)</sup> | G <sub>4</sub> | D <sub>3</sub> | D <sub>4</sub> | G <sub>4</sub> | G <sub>5</sub> |                                |                                   |                      |
| 3          | 65                              | 125            | 140            | 65                           | 125            | 70             | 70             | 125            | 180            | 14                             | —                                 | 115                  |
| 4          | 80                              | 140            | 170            | 80                           | 140            | 85             | 85             | 140            | 205            | 25                             | —                                 | 190                  |
| 5          | 100                             | 165            | 210            | 95                           | 165            | 100            | 100            | 165            | 240            | 23                             | 10                                | 300                  |
| 6          | 110                             | 165            | 210            | 105                          | 165            | 110            | 110            | 165            | 240            | 27                             | 11                                | 355                  |
| 7          | 120                             | 195            | 210            | 115                          | 195            | 120            | 120            | 195            | 280            | 58                             | 22                                | 505                  |
| 8          | 130                             | 195            | 250            | 125                          | 195            | 130            | 130            | 195            | 285            | 62                             | 25                                | 590                  |
| 9          | 140                             | 235            | 250            | 135                          | 235            | 140            | 145            | 235            | 330            | 100                            | 42                                | 830                  |
| 10         | 160                             | 235            | 300            | 150                          | 235            | 150            | 155            | 235            | 350            | 110                            | 46                                | 960                  |
| 11         | 170                             | 270            | 300            | 165                          | 270            | 165            | 170            | 270            | 400            | 160                            | 60                                | 1335                 |
| 12         | 180                             | 270            | 300            | 180                          | 270            | 180            | 185            | 270            | 405            | 180                            | 70                                | 1615                 |

平行轴减速机 Helical Reductors

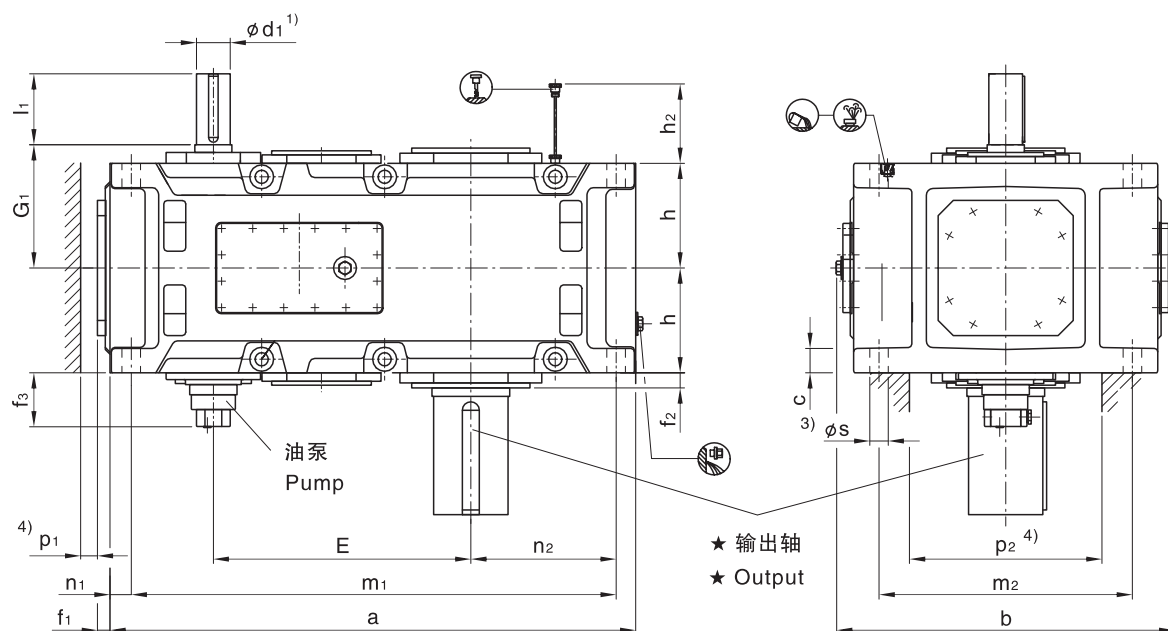
二级传动Two Stage

立式安装 Vertical

类型 H2.V Types H2.V

规格 13...18 Sizes 13...18

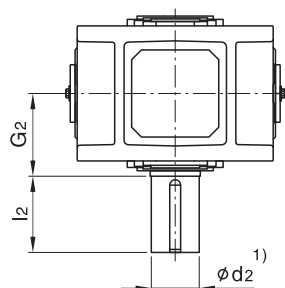
H2SV H2HV H2DV  
采用强制润滑 With forced lubrication



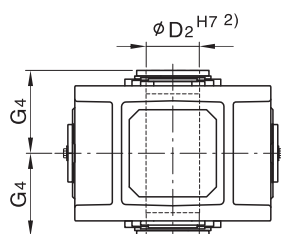
★ 输出轴 Output

布置形式 Design

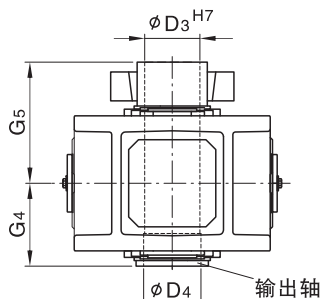
H2SV  
实心轴  
Solid shaft



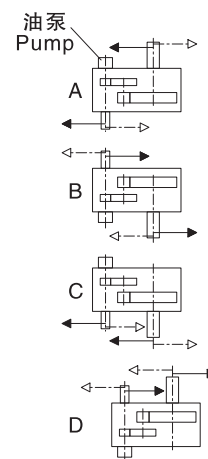
H2HV  
空心轴  
Hollow shaft



H2DV  
带胀紧盘的空心轴  
Hollow shaft for shrink disk



布置形式A+D 根据用户要求供货  
Design A+D on request



1)  $k_6 \leq \Phi 50$   $m_6 > \Phi 50$

有关平键 GB/T1095-1979 型和中心孔, 参见第279-280页。For parallel key GB/T1095-1979 and for center hole, see page 279-280.

2) 键槽 GB/T1095-1979 Keyway GB/T1095-1979.

3) 扭力支撑位于工作机侧。Torque support on driven machine side.

4) 有关油泵, 油管和护盖的安装空间及确切尺寸, 请与我们联系。Space for pump, pipes and cover, for exact dimension, please refer to us.

5) 规格13和15号速比只有  $i_n=6.3-18$ ; 规格17号: 速比只有  $i_n=6.3-16$  Size 13 and 15: only  $i_n=6.3-18$ , Size 17: only  $i_n=6.3-16$ .



平行轴减速机 Helical Reductors

两级传动 Two Stage

立式安装 Vertical

类型 H2.V Types H2.V

规格 13...18Sizes 13...18

| 规格<br>Size | 尺寸 mm    Dimensions in mm |                |                   |                |                   |                        |                   |                |                   |                |                   |                |                |
|------------|---------------------------|----------------|-------------------|----------------|-------------------|------------------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|----------------|
|            | 输入轴    Input              |                |                   |                |                   |                        |                   |                |                   |                |                   |                |                |
|            | in=6.3-11.2               |                | in=7.1-12.5       |                | in=8-14           |                        | in=12.5-20        |                | in=14-22.4        |                | in=16-25          |                | G <sub>1</sub> |
|            | d <sub>1</sub> 1)         | l <sub>1</sub> | d <sub>1</sub> 1) | l <sub>1</sub> | d <sub>1</sub> 1) | l <sub>1</sub>         | d <sub>1</sub> 1) | l <sub>1</sub> | d <sub>1</sub> 1) | l <sub>1</sub> | d <sub>1</sub> 1) | l <sub>1</sub> |                |
| 13         | 100                       | 205            |                   |                |                   |                        | 85                | 170            |                   |                |                   |                | 330            |
| 14         |                           |                |                   |                | 100               | 205                    |                   |                |                   |                | 85                | 170            | 330            |
| 15         | 120                       | 210            |                   |                |                   |                        | 100               | 210            |                   |                |                   |                | 365            |
| 16         |                           |                | 120               | 210            |                   |                        |                   |                | 100               | 210            |                   |                | 365            |
| 17         | 125                       | 245            |                   |                |                   |                        | 110               | 210            |                   |                |                   |                | 420            |
| 18         |                           |                | 125               | 245            |                   |                        |                   |                | 110               | 210            |                   |                | 420            |
| 19         |                           |                |                   |                |                   | 根据用户要求供货<br>On request |                   |                |                   |                |                   |                |                |
| 20         |                           |                |                   |                |                   |                        |                   |                |                   |                |                   |                |                |
| 21         |                           |                |                   |                |                   |                        |                   |                |                   |                |                   |                |                |
| 22         |                           |                |                   |                |                   |                        |                   |                |                   |                |                   |                |                |

| 规格<br>Size | 尺寸mm    Dimensions in mm |      |        |     |                |                |                        |       |                |                |                |                |                |                   |                   |    |
|------------|--------------------------|------|--------|-----|----------------|----------------|------------------------|-------|----------------|----------------|----------------|----------------|----------------|-------------------|-------------------|----|
|            | 减速机 Reductors            |      |        |     |                |                |                        |       |                |                |                |                |                |                   |                   |    |
|            | a                        | b    | c      | E   | f <sub>1</sub> | f <sub>2</sub> | f <sub>3</sub>         | h     | h <sub>2</sub> | m <sub>1</sub> | m <sub>2</sub> | n <sub>1</sub> | n <sub>2</sub> | p <sub>1</sub> 4) | p <sub>2</sub> 4) | s  |
| 13         | 1290                     | 900  | 61 ± 2 | 635 | 53             | 35             | 130                    | 272.5 | 300            | 1195           | 680            | 50             | 360            | 50                | 500               | 48 |
| 14         | 1430                     | 900  | 61 ± 2 | 705 | 53             | 35             | 130                    | 272.5 | 300            | 1335           | 680            | 50             | 430            | 50                | 500               | 48 |
| 15         | 1550                     | 980  | 72 ± 2 | 762 | 63             | 42             | 130                    | 310   | 340            | 1435           | 750            | 60             | 430            | 50                | 570               | 55 |
| 16         | 1640                     | 980  | 72 ± 2 | 808 | 63             | 42             | 130                    | 310   | 340            | 1525           | 750            | 60             | 475            | 50                | 570               | 55 |
| 17         | 1740                     | 1110 | 81 ± 2 | 860 | 60             | 42             | 170                    | 340   | 374            | 1610           | 850            | 70             | 465            | 70                | 630               | 55 |
| 18         | 1860                     | 1110 | 81 ± 2 | 920 | 60             | 42             | 170                    | 340   | 374            | 1730           | 850            | 70             | 525            | 70                | 630               | 55 |
| 19         |                          |      |        |     |                |                | 根据用户要求供货<br>On request |       |                |                |                |                |                |                   |                   |    |
| 20         |                          |      |        |     |                |                |                        |       |                |                |                |                |                |                   |                   |    |
| 21         |                          |      |        |     |                |                |                        |       |                |                |                |                |                |                   |                   |    |
| 22         |                          |      |        |     |                |                |                        |       |                |                |                |                |                |                   |                   |    |

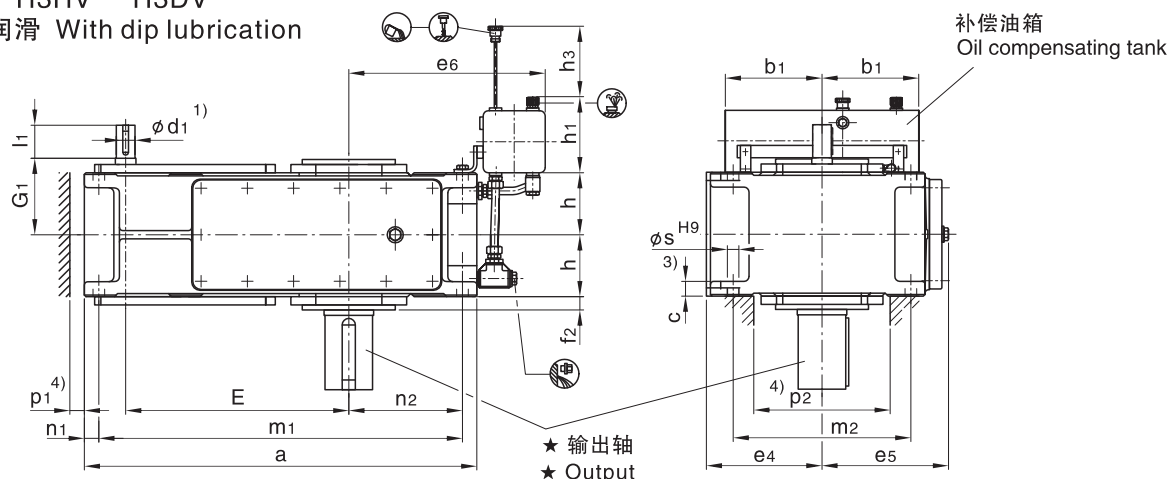
| 规格<br>Size | 尺寸 mm      Dimensions in mm |                |                |                   |                        |                |                |                |                | 润滑油<br>Oil<br>(l) | 重量<br>Weight<br>(kg) |
|------------|-----------------------------|----------------|----------------|-------------------|------------------------|----------------|----------------|----------------|----------------|-------------------|----------------------|
|            | 输出轴      Output             |                |                |                   |                        |                |                |                |                |                   |                      |
|            | H2SV                        |                |                | H2SV              |                        | H2DV           |                |                |                |                   |                      |
|            | d <sub>2</sub> 1)           | G <sub>2</sub> | l <sub>2</sub> | D <sub>2</sub> 2) | G <sub>4</sub>         | D <sub>3</sub> | D <sub>4</sub> | G <sub>4</sub> | G <sub>5</sub> |                   |                      |
| 13         | 200                         | 335            | 350            | 190               | 335                    | 190            | 195            | 335            | 480            | 80                | 1880                 |
| 14         | 210                         | 335            | 350            | 210               | 335                    | 210            | 215            | 335            | 480            | 90                | 2430                 |
| 15         | 230                         | 380            | 410            | 230               | 380                    | 230            | 235            | 380            | 550            | 140               | 3240                 |
| 16         | 240                         | 380            | 410            | 240               | 380                    | 240            | 245            | 380            | 550            | 150               | 3465                 |
| 17         | 250                         | 415            | 410            | 250               | 415                    | 250            | 260            | 415            | 600            | 175               | 4420                 |
| 18         | 270                         | 415            | 470            | 275               | 415                    | 280            | 285            | 415            | 600            | 185               | 4870                 |
| 19         |                             |                |                |                   | 根据用户要求供货<br>On request |                |                |                |                |                   |                      |
| 20         |                             |                |                |                   |                        |                |                |                |                |                   |                      |
| 21         |                             |                |                |                   |                        |                |                |                |                |                   |                      |
| 22         |                             |                |                |                   |                        |                |                |                |                |                   |                      |

平行轴减速机 Helical Reductors  
类型 H3.V Types H3.V

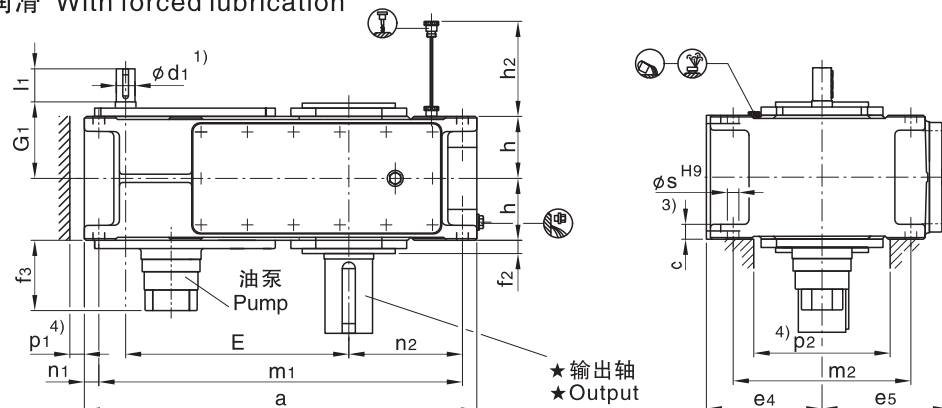
三级传动 Three Stage  
规格 5...12 Sizes 5...12

立式安装 Vertical

H3SV H3HV H3DV  
采用浸油润滑 With dip lubrication



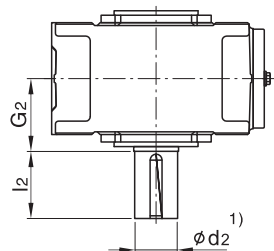
H3SV H3HV H3DV  
采用强制润滑 With forced lubrication



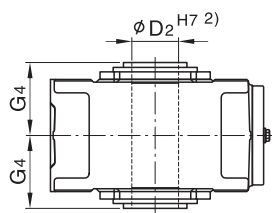
★ 输出轴 Output

布置形式 Design

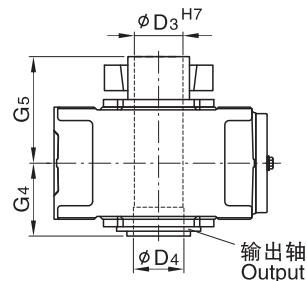
H3SV  
实心轴  
Solid shaft



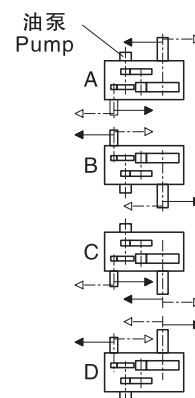
H3HV  
空心轴  
Hollow shaft



H3DV  
带胀紧盘的空心轴  
Hollow shaft for shrink disk



布置形式A+D根据用户要求供货  
Design A+D on request



1)  $k_6 \leq \Phi 50$   $m_6 > \Phi 50$

有关平键 GB/T1095-1979 型和中心孔, 参见第279-280页。For parallel key GB/T1095-1979 and for center hole, see page 279-280.

2) 键槽 GB/T1095-1979 Keyway GB/T1095-1979.

3) 扭力支撑位于工作机侧。Torque support on driven machine side.

4) 有关油泵, 油管和护盖的安装空间及确切尺寸, 请与我们联系。Space for pump, pipes and cover, for exact dimension, please refer to us.

平行轴减速机 Helical Reductors

三级传动 Three Stage

立式安装 Vertical

类型 H3.V Types H3.V

规格 5...12 Sizes 5...12

| 规格<br>Size | 尺寸 mm    Dimensions in mm    |                |                              |                |                              |                |                              |                |                              |                |                              |                |                |
|------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|----------------|
|            | 输入轴    Input                 |                |                              |                |                              |                |                              |                |                              |                |                              |                |                |
|            | iN = 25 – 45                 |                | iN = 31.5 – 56               |                | iN = 50 – 63                 |                | iN = 63 – 80                 |                | iN = 71 – 90                 |                | iN = 90 – 112                |                | G <sub>1</sub> |
|            | D <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> |                |
| 5          | 40                           | 70             |                              |                | 30                           | 50             |                              |                | 24                           | 40             |                              |                | 160            |
| 6          |                              |                | 40                           | 70             |                              |                | 30                           | 50             |                              |                | 24                           | 40             | 160            |
| 7          | 45                           | 80             |                              |                | 35                           | 60             |                              |                | 28                           | 50             |                              |                | 185            |
| 8          |                              |                | 45                           | 80             |                              |                | 35                           | 60             |                              |                | 28                           | 50             | 185            |
| 9          | 60                           | 125            |                              |                | 45                           | 100            |                              |                | 32                           | 80             |                              |                | 230            |
| 10         |                              |                | 60                           | 125            |                              |                | 45                           | 100            |                              |                | 32                           | 80             | 230            |
| 11         | 70                           | 120            |                              |                | 50                           | 80             |                              |                | 42                           | 70             |                              |                | 255            |
| 12         |                              |                | 70                           | 120            |                              |                | 50                           | 80             |                              |                | 42                           | 70             | 255            |

| 规格<br>Size | 尺寸 mm    Dimensions in mm |                |          |                |                |                |     |                |                |       |
|------------|---------------------------|----------------|----------|----------------|----------------|----------------|-----|----------------|----------------|-------|
|            | 减速机 Reductors             |                |          |                |                |                |     |                |                |       |
|            | a                         | b <sub>1</sub> | c        | e <sub>4</sub> | e <sub>5</sub> | e <sub>6</sub> | E   | f <sub>2</sub> | f <sub>3</sub> | h     |
| 5          | 690                       | 240            | 30 ± 1   | 230            | 252            | 385            | 405 | 28             | 190            | 127.5 |
| 6          | 770                       | 240            | 30 ± 1   | 230            | 252            | 425            | 440 | 28             | 190            | 127.5 |
| 7          | 845                       | 240            | 36 ± 1   | 280            | 292            | 425            | 495 | 30             | 185            | 150   |
| 8          | 950                       | 240            | 36 ± 1   | 280            | 312            | 485            | 540 | 32             | 185            | 150   |
| 9          | 1000                      | 330            | 45 ± 1.5 | 320            | 342            | 560            | 580 | 32             | 170            | 185   |
| 10         | 1100                      | 330            | 45 ± 1.5 | 320            | 342            | 610            | 630 | 32             | 170            | 185   |
| 11         | 1200                      | 330            | 54 ± 1.5 | 380            | 402            | 595            | 705 | 35             | 170            | 215   |
| 12         | 1355                      | 330            | 54 ± 1.5 | 380            | 410            | 680            | 775 | 35             | 170            | 215   |

| 规格<br>Size | 尺寸 mm    Dimensions in mm |                |                |                |                |                |                |                              |                              |    |
|------------|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------------------|------------------------------|----|
|            | 减速机 Reductors             |                |                |                |                |                |                |                              |                              |    |
|            | h <sub>1</sub>            | h <sub>2</sub> | h <sub>3</sub> | m <sub>1</sub> | m <sub>2</sub> | n <sub>1</sub> | n <sub>2</sub> | p <sub>1</sub> <sup>4)</sup> | p <sub>2</sub> <sup>4)</sup> | s  |
| 5          | 205                       | 190            | 240            | 630            | 360            | 30             | 175            | 35                           | 270                          | 24 |
| 6          | 205                       | 190            | 240            | 710            | 360            | 30             | 220            | 35                           | 270                          | 24 |
| 7          | 205                       | 165            | 250            | 775            | 430            | 35             | 215            | 35                           | 330                          | 28 |
| 8          | 205                       | 165            | 250            | 880            | 430            | 35             | 275            | 35                           | 330                          | 28 |
| 9          | 275                       | 205            | 330            | 920            | 490            | 40             | 260            | 40                           | 370                          | 36 |
| 10         | 275                       | 205            | 330            | 1020           | 490            | 40             | 310            | 40                           | 370                          | 36 |
| 11         | 275                       | 240            | 340            | 1100           | 600            | 50             | 295            | 50                           | 440                          | 40 |
| 12         | 275                       | 240            | 340            | 1255           | 600            | 50             | 380            | 50                           | 440                          | 40 |

| 规格<br>Size | 尺寸 mm      Dimensions in mm  |                |                |                              |                |                |                |                |                | 润滑油    Oil                     |                                   | 重量<br>Weight<br>(kg) |
|------------|------------------------------|----------------|----------------|------------------------------|----------------|----------------|----------------|----------------|----------------|--------------------------------|-----------------------------------|----------------------|
|            | 输出轴      Output              |                |                |                              |                |                |                |                |                | 浸油润滑<br>Dip lubrication<br>(l) | 强制润滑<br>Forced lubrication<br>(l) |                      |
|            | H3SV                         |                |                | H3HV                         |                | H3DV           |                |                |                |                                |                                   |                      |
|            | d <sub>2</sub> <sup>1)</sup> | G <sub>2</sub> | l <sub>2</sub> | D <sub>2</sub> <sup>2)</sup> | G <sub>4</sub> | D <sub>3</sub> | D <sub>4</sub> | G <sub>4</sub> | G <sub>5</sub> |                                |                                   |                      |
| 5          | 100                          | 165            | 210            | 95                           | 165            | 100            | 100            | 165            | 240            | 35                             | 13                                | 320                  |
| 6          | 110                          | 165            | 210            | 105                          | 165            | 110            | 110            | 165            | 240            | 37                             | 15                                | 365                  |
| 7          | 120                          | 195            | 210            | 115                          | 195            | 120            | 120            | 195            | 280            | 60                             | 25                                | 540                  |
| 8          | 130                          | 195            | 250            | 125                          | 195            | 130            | 130            | 195            | 285            | 72                             | 30                                | 625                  |
| 9          | 140                          | 235            | 250            | 135                          | 235            | 140            | 145            | 235            | 330            | 100                            | 40                                | 875                  |
| 10         | 160                          | 235            | 300            | 150                          | 235            | 150            | 155            | 235            | 350            | 110                            | 45                                | 1020                 |
| 11         | 170                          | 270            | 300            | 165                          | 270            | 165            | 170            | 270            | 400            | 170                            | 66                                | 1400                 |
| 12         | 180                          | 270            | 300            | 180                          | 270            | 180            | 185            | 270            | 405            | 190                            | 75                                | 1675                 |

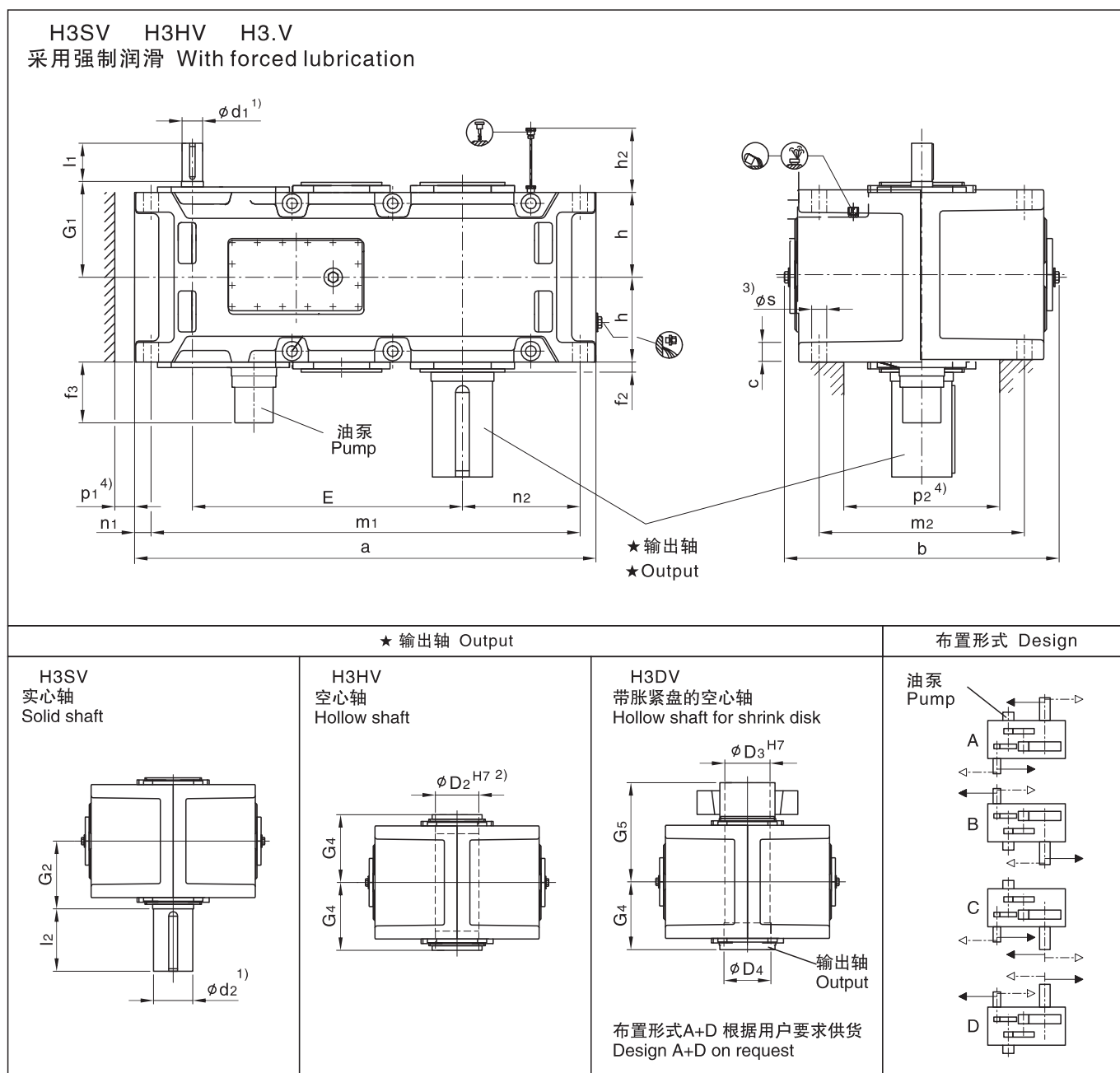
平行轴减速机 Helical Reductors

三级传动 Three Stage

立式安装 Vertical

类型 H3.V Types H3.V

规格 13...18 Sizes 13...18



1)  $k_6 \leq \Phi 50$   $m_6 > \Phi 50$

有关平键 GB/T1095-1979 型和中心孔, 参见第279-280页。For parallel key GB/T1095-1979 and for center hole, see page 279-280.

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4) 有关油泵, 油管和护盖的安装空间及确切尺寸, 请与我们联系。Space for pump, pipes and cover, for exact dimension, please refer to us.

平行轴减速机 Helical Reductors

三级传动 Three Stage

立式安装 Vertical

类型 H3.V Types H3.V

规格 13...18 Sizes 13...18

| 规格<br>Size                   | 尺寸 mm Dimensions in mm |                              |                |                              |                |                              |                |                              |                |                              |                |                              |                |                              |                |                              |                |     |                |  |  |
|------------------------------|------------------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|-----|----------------|--|--|
|                              | 输入轴 Input              |                              |                |                              |                |                              |                |                              |                |                              |                |                              |                |                              |                |                              |                |     |                |  |  |
|                              | in=22.4-45             |                              | in=25-50       |                              | in=28-56       |                              | in=50-63       |                              | in=56-71       |                              | in=63-80       |                              | in=71-90       |                              | in=80-100      |                              | in=90-112      |     | G <sub>1</sub> |  |  |
| d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub>         | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> |     |                |  |  |
| 13                           | 85                     | 160                          |                |                              |                |                              | 60             | 135                          |                |                              |                |                              | 50             | 110                          |                |                              |                |     | 310            |  |  |
| 14                           |                        |                              |                |                              | 85             | 160                          |                |                              |                |                              | 60             | 135                          |                |                              |                |                              | 50             | 110 | 310            |  |  |
| 15                           | 100                    | 200                          |                |                              |                |                              | 75             | 140                          |                |                              |                |                              | 60             | 140                          |                |                              |                |     | 350            |  |  |
| 16                           |                        |                              | 100            | 200                          |                |                              |                |                              | 75             | 140                          |                |                              |                |                              | 60             | 140                          |                |     | 350            |  |  |
| 17                           | 100                    | 200                          |                |                              |                |                              | 75             | 140                          |                |                              |                |                              | 60             | 140                          |                |                              |                |     | 380            |  |  |
| 18                           |                        |                              | 100            | 200                          |                |                              |                |                              | 75             | 140                          |                |                              |                |                              | 60             | 140                          |                |     | 380            |  |  |
| 19                           |                        |                              |                |                              |                |                              |                | 根据用户要求供货<br>On request       |                |                              |                |                              |                |                              |                |                              |                |     |                |  |  |
| 20                           |                        |                              |                |                              |                |                              |                |                              |                |                              |                |                              |                |                              |                |                              |                |     |                |  |  |
| 21                           |                        |                              |                |                              |                |                              |                |                              |                |                              |                |                              |                |                              |                |                              |                |     |                |  |  |
| 22                           |                        |                              |                |                              |                |                              |                |                              |                |                              |                |                              |                |                              |                |                              |                |     |                |  |  |

| 规格<br>Size | 尺寸 mm Dimensions in mm |      |      |      |                |                        |       |                |                |                |                |                |                              |                              |    |  |
|------------|------------------------|------|------|------|----------------|------------------------|-------|----------------|----------------|----------------|----------------|----------------|------------------------------|------------------------------|----|--|
|            | 减速机 Reductors          |      |      |      |                |                        |       |                |                |                |                |                |                              |                              |    |  |
|            | a                      | b    | c    | E    | f <sub>2</sub> | f <sub>3</sub>         | h     | h <sub>2</sub> | m <sub>1</sub> | m <sub>2</sub> | n <sub>1</sub> | n <sub>2</sub> | p <sub>1</sub> <sup>4)</sup> | p <sub>2</sub> <sup>4)</sup> | s  |  |
| 13         | 1395                   | 900  | 61±2 | 820  | 35             | 170                    | 272.5 | 300            | 1300           | 680            | 50             | 360            | 50                           | 500                          | 48 |  |
| 14         | 1535                   | 900  | 61±2 | 890  | 35             | 170                    | 272.5 | 300            | 1440           | 680            | 50             | 430            | 50                           | 500                          | 48 |  |
| 15         | 1680                   | 980  | 72±2 | 987  | 42             | 170                    | 310   | 340            | 1565           | 750            | 60             | 430            | 50                           | 570                          | 55 |  |
| 16         | 1770                   | 980  | 72±2 | 1033 | 42             | 170                    | 310   | 340            | 1655           | 750            | 60             | 475            | 50                           | 570                          | 55 |  |
| 17         | 1770                   | 1110 | 81±2 | 1035 | 42             | 210                    | 340   | 374            | 1640           | 850            | 70             | 465            | 70                           | 630                          | 55 |  |
| 18         | 1890                   | 1110 | 81±2 | 1095 | 42             | 210                    | 340   | 374            | 1760           | 850            | 70             | 525            | 70                           | 630                          | 55 |  |
| 19         |                        |      |      |      |                | 根据用户要求供货<br>On request |       |                |                |                |                |                |                              |                              |    |  |
| 20         |                        |      |      |      |                |                        |       |                |                |                |                |                |                              |                              |    |  |
| 21         |                        |      |      |      |                |                        |       |                |                |                |                |                |                              |                              |    |  |
| 22         |                        |      |      |      |                |                        |       |                |                |                |                |                |                              |                              |    |  |

| 规格<br>Size | 尺寸 mm Dimensions in mm       |                |                |                              |                        |                |                |                |                | 润滑油<br>Oil<br>(l) | 重量<br>Weight<br>(kg) |
|------------|------------------------------|----------------|----------------|------------------------------|------------------------|----------------|----------------|----------------|----------------|-------------------|----------------------|
|            | 输出轴 output                   |                |                |                              |                        |                |                |                |                |                   |                      |
|            | H3SV                         |                |                | H3HV                         |                        | H3DV           |                |                |                |                   |                      |
|            | d <sub>2</sub> <sup>1)</sup> | G <sub>2</sub> | l <sub>2</sub> | D <sub>2</sub> <sup>2)</sup> | G <sub>4</sub>         | D <sub>3</sub> | D <sub>4</sub> | G <sub>4</sub> | G <sub>5</sub> |                   |                      |
| 13         | 200                          | 335            | 350            | 190                          | 335                    | 190            | 195            | 335            | 480            | 115               | 2155                 |
| 14         | 210                          | 335            | 350            | 210                          | 335                    | 210            | 215            | 335            | 480            | 126               | 2490                 |
| 15         | 230                          | 380            | 410            | 230                          | 380                    | 230            | 235            | 380            | 550            | 180               | 3260                 |
| 16         | 240                          | 380            | 410            | 240                          | 380                    | 240            | 245            | 380            | 550            | 190               | 3625                 |
| 17         | 250                          | 415            | 410            | 250                          | 415                    | 250            | 260            | 415            | 600            | 190               | 4250                 |
| 18         | 270                          | 415            | 470            | 275                          | 415                    | 280            | 285            | 415            | 600            | 200               | 4740                 |
| 19         |                              |                |                |                              | 根据用户要求供货<br>On request |                |                |                |                |                   |                      |
| 20         |                              |                |                |                              |                        |                |                |                |                |                   |                      |
| 21         |                              |                |                |                              |                        |                |                |                |                |                   |                      |
| 22         |                              |                |                |                              |                        |                |                |                |                |                   |                      |

平行轴减速机 Helical Reductors

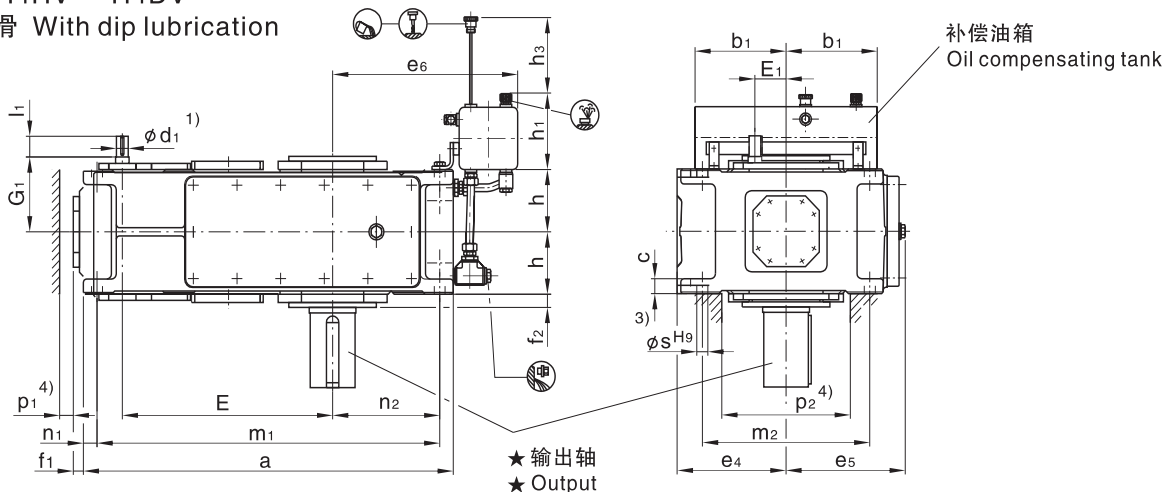
四级传动 Four Stage

立式安装 Vertical

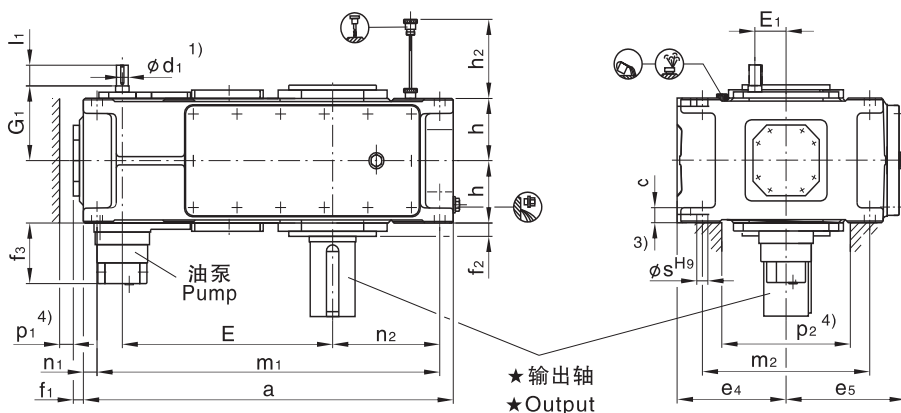
类型 H4.V Types H4.V

规格 7...12 Sizes 7...12

H4SV H4HV H4DV  
采用浸油润滑 With dip lubrication



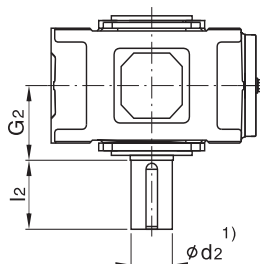
H4SV H4HV H4DV  
采用强制润滑 With forced lubrication



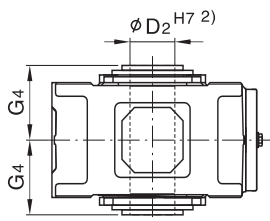
★输出轴 Output

布置形式 Design

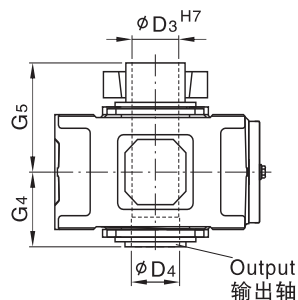
H4SV  
实心轴  
Solid shaft



H4HV  
空心轴  
Hollow shaft

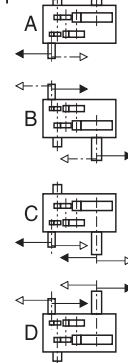


H4DV  
带胀紧盘的空心轴  
Hollow shaft for shrink disk



布置形式A+D根据用户要求供货  
Design A+D on request

油泵  
Pump



1)  $k_6 \leq \Phi 50$   $m_6 > \Phi 50$

有关平键 GB/T1095-1979 型和中心孔, 参见第279-280页。For parallel key GB/T1095-1979 and for center hole, see page 279-280.

2) 键槽 GB/T1095-1979 Keyway GB/T1095-1979.

3) 扭力支撑位于工作机侧。Torque support on driven machine side.

4) 有关油泵, 油管和护盖的安装空间及确切尺寸, 请与我们联系。Space for pump, pipes and cover, for exact dimension, please refer to us.



平行轴减速机 Helical Reductors

四级传动 Four Stage

立式安装 Vertical

类型 H4.V Types H4.V

规格 7...12 Sizes 7...12

| 规格<br>Size | 尺寸 mm Dimensions in mm       |                |                              |                |                              |                |                              |                |
|------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|
|            | 输入轴 Input                    |                |                              |                |                              |                |                              |                |
|            | i <sub>N</sub> =100-180      |                | i <sub>N</sub> =125-224      |                | i <sub>N</sub> =200-355      |                | i <sub>N</sub> =250-450      |                |
|            | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> |
| 7          | 30                           | 50             |                              |                | 24                           | 40             |                              | 180            |
| 8          |                              |                | 30                           | 50             |                              |                | 24                           | 180            |
| 9          | 35                           | 60             |                              |                | 28                           | 50             |                              | 215            |
| 10         |                              |                | 35                           | 60             |                              |                | 28                           | 215            |
| 11         | 45                           | 100            |                              |                | 32                           | 80             |                              | 250            |
| 12         |                              |                | 45                           | 100            |                              |                | 32                           | 250            |

| 规格<br>Size | 尺寸mm Dimensions in mm |                |          |                |                |                |     |                |                |                |                |
|------------|-----------------------|----------------|----------|----------------|----------------|----------------|-----|----------------|----------------|----------------|----------------|
|            | 减速机 Reductors         |                |          |                |                |                |     |                |                |                |                |
|            | a                     | b <sub>1</sub> | c        | e <sub>4</sub> | e <sub>5</sub> | e <sub>6</sub> | E   | E <sub>1</sub> | f <sub>1</sub> | f <sub>2</sub> | f <sub>3</sub> |
| 7          | 845                   | 240            | 36 ± 1   | 280            | 292            | 425            | 495 | 80             | 37             | 30             | 160            |
| 8          | 950                   | 240            | 36 ± 1   | 280            | 302            | 485            | 540 | 80             | 37             | 32             | 160            |
| 9          | 1000                  | 330            | 45 ± 1.5 | 320            | 342            | 560            | 580 | 90             | 43             | 32             | 170            |
| 10         | 1100                  | 330            | 45 ± 1.5 | 320            | 342            | 610            | 630 | 90             | 43             | 32             | 170            |
| 11         | 1200                  | 330            | 54 ± 1.5 | 380            | 402            | 595            | 705 | 110            | 47             | 35             | 170            |
| 12         | 1355                  | 330            | 54 ± 1.5 | 380            | 410            | 680            | 775 | 110            | 47             | 35             | 170            |

| 规格<br>Size | 尺寸mm Dimensions in mm |                |                |                |                |                |                |                |                              |                              |    |
|------------|-----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------------------|------------------------------|----|
|            | 减速机 Reductors         |                |                |                |                |                |                |                |                              |                              |    |
|            | h                     | h <sub>1</sub> | h <sub>2</sub> | h <sub>3</sub> | m <sub>1</sub> | m <sub>2</sub> | n <sub>1</sub> | n <sub>2</sub> | p <sub>1</sub> <sup>4)</sup> | p <sub>2</sub> <sup>4)</sup> | s  |
| 7          | 150                   | 205            | 165            | 250            | 775            | 430            | 35             | 215            | 35                           | 330                          | 28 |
| 8          | 150                   | 205            | 165            | 250            | 880            | 430            | 35             | 275            | 35                           | 330                          | 28 |
| 9          | 185                   | 275            | 205            | 330            | 920            | 490            | 40             | 260            | 40                           | 370                          | 36 |
| 10         | 185                   | 275            | 205            | 330            | 1020           | 490            | 40             | 310            | 40                           | 370                          | 36 |
| 11         | 215                   | 275            | 240            | 340            | 1100           | 600            | 50             | 295            | 50                           | 440                          | 40 |
| 12         | 215                   | 275            | 240            | 340            | 1255           | 600            | 50             | 380            | 50                           | 440                          | 40 |

| 规格<br>Size | 尺寸 mm   Dimensions in mm     |                |                |                              |                |                |                |                |                | 润滑油   Oil                      |                                   | 重量<br>Weight<br>(kg) |
|------------|------------------------------|----------------|----------------|------------------------------|----------------|----------------|----------------|----------------|----------------|--------------------------------|-----------------------------------|----------------------|
|            | 输出轴   Output                 |                |                |                              |                |                |                |                |                | 浸油浸润<br>Dip lubrication<br>(l) | 强制润滑<br>Forced lubrication<br>(l) |                      |
|            | H4SV                         |                |                | H4HV                         |                | H4DV           |                |                |                |                                |                                   |                      |
|            | d <sub>2</sub> <sup>1)</sup> | G <sub>2</sub> | l <sub>2</sub> | D <sub>2</sub> <sup>2)</sup> | G <sub>4</sub> | D <sub>3</sub> | D <sub>4</sub> | G <sub>4</sub> | G <sub>5</sub> |                                |                                   |                      |
| 7          | 120                          | 195            | 210            | 115                          | 195            | 120            | 120            | 195            | 280            | 50                             | 20                                | 550                  |
| 8          | 130                          | 195            | 250            | 125                          | 195            | 130            | 130            | 195            | 285            | 60                             | 25                                | 645                  |
| 9          | 140                          | 235            | 250            | 135                          | 235            | 140            | 145            | 235            | 330            | 95                             | 38                                | 875                  |
| 10         | 160                          | 235            | 300            | 150                          | 235            | 150            | 155            | 235            | 350            | 110                            | 45                                | 1010                 |
| 11         | 170                          | 270            | 300            | 165                          | 270            | 165            | 170            | 270            | 400            | 165                            | 65                                | 1460                 |
| 12         | 180                          | 270            | 300            | 180                          | 270            | 180            | 185            | 270            | 405            | 180                            | 75                                | 1725                 |

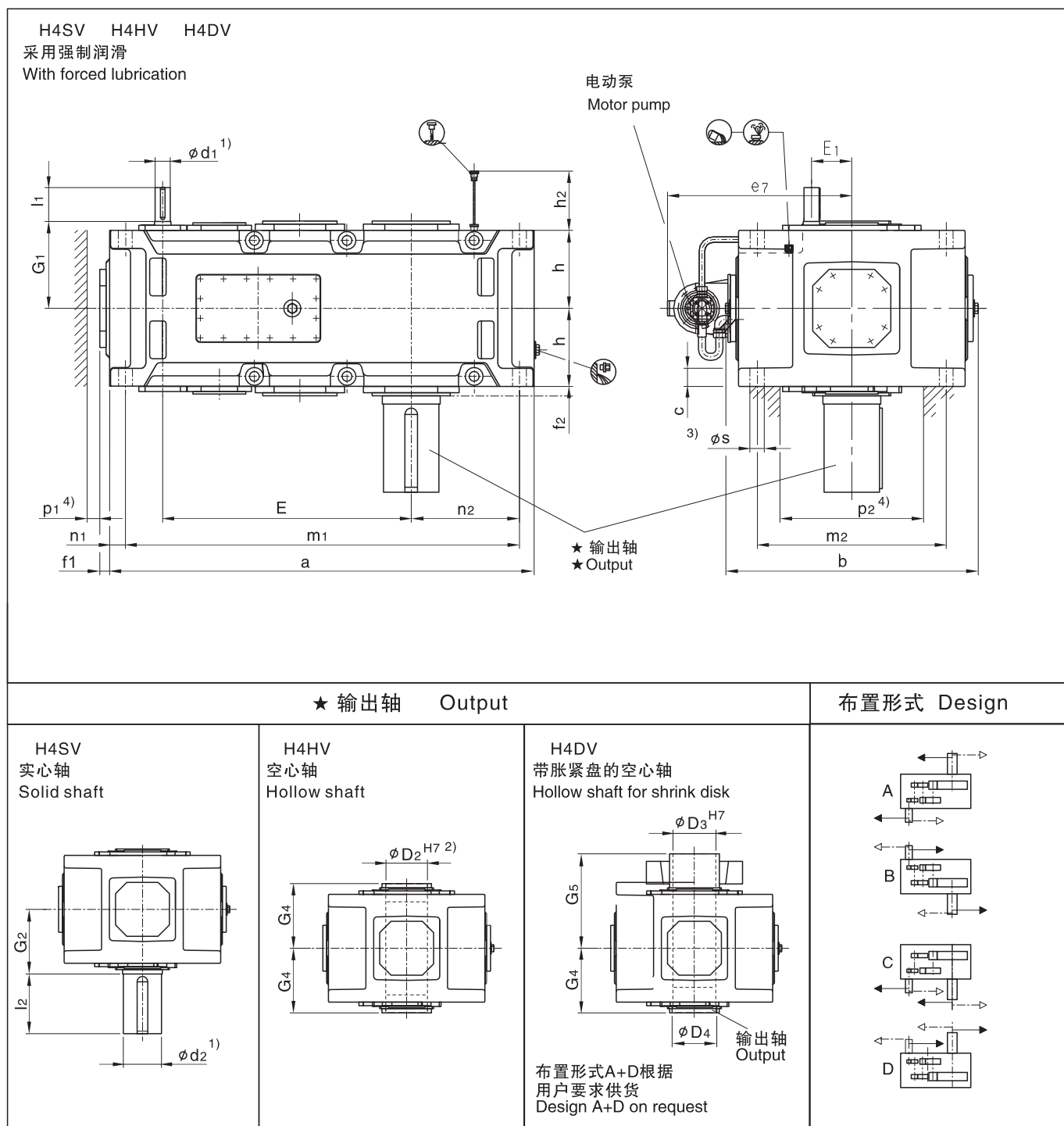
平行轴减速机 Helical Reductors

四级传动 Four Stage

立式安装 vertical

类型 H4.V Types H4.V

规格 13...18 Sizes 13...18



1)  $k_6 \leq \Phi 50$   $m_6 > \Phi 50$

有关平键 GB/T1095-1979 型和中心孔, 参见第279-280页。For parallel key GB/T1095-1979 and for center hole, see page 279-280.

2) 键槽 GB/T1095-1979 Keyway GB/T1095-1979.

3) 扭力支撑位于工作机侧。Torque support on driven machine side.

4) 有关油泵, 油管和护盖的安装空间及确切尺寸, 请与我们联系 Space for pump, pipes and cover, for exact dimension, please refer to us.

平行轴减速机 Helical Reductors

四级传动 Four Stage

立式安装 Vertical

类型 H4.V Types H4.V

规格 13...18 Sizes 13...18

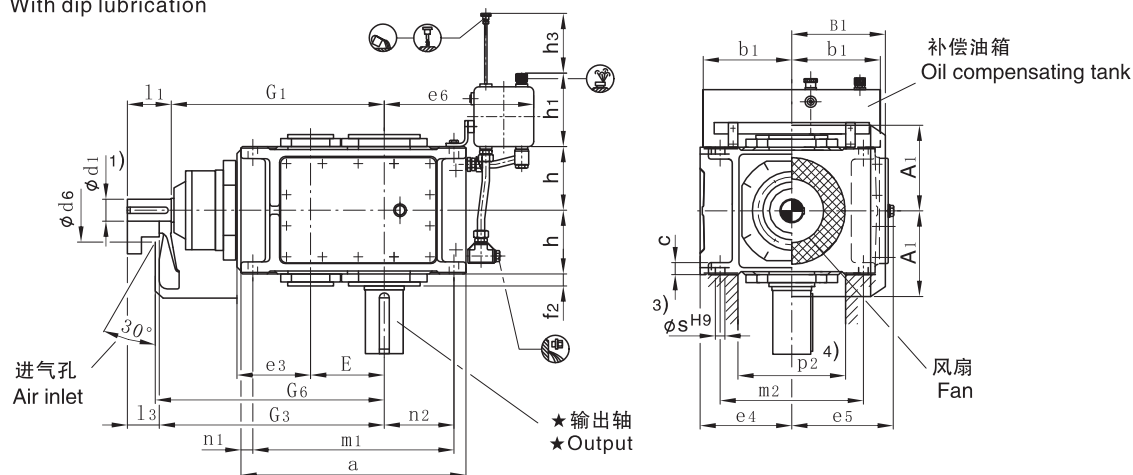
| 规格<br>Size | 尺寸 mm      Dimensions in mm  |                |                              |                |                              |                |                              |                |                              |                |                              |                |
|------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|
|            | 输入轴      Input               |                |                              |                |                              |                |                              |                |                              |                |                              |                |
|            | in=100 – 180                 |                | in=112 – 200                 |                | in=125 – 224                 |                | in=200 – 355                 |                | in=224– 400                  |                | in=250– 450                  |                |
|            | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> |
| 13         | 50                           | 100            |                              |                |                              |                | 38                           | 80             |                              |                |                              | 305            |
| 14         |                              |                |                              |                | 50                           | 100            |                              |                |                              |                | 38                           | 80             |
| 15         | 60                           | 135            |                              |                |                              |                | 50                           | 110            |                              |                |                              | 345            |
| 16         |                              |                | 60                           | 135            |                              |                |                              |                | 50                           | 110            |                              | 345            |
| 17         | 60                           | 105            |                              |                |                              |                | 50                           | 80             |                              |                |                              | 380            |
| 18         |                              |                | 60                           | 105            |                              |                |                              |                | 50                           | 80             |                              | 380            |
| 19         |                              |                |                              |                |                              |                |                              |                |                              |                |                              |                |
| 20         |                              |                |                              |                |                              |                |                              |                |                              |                |                              |                |
| 21         |                              |                |                              |                |                              |                |                              |                |                              |                |                              |                |
| 22         |                              |                |                              |                |                              |                |                              |                |                              |                |                              |                |

| 规格<br>Size | 尺寸 mm      Dimensions in mm |      |        |                |      |                |                |                |       |                |                |                |                |                |                              |                              |    |
|------------|-----------------------------|------|--------|----------------|------|----------------|----------------|----------------|-------|----------------|----------------|----------------|----------------|----------------|------------------------------|------------------------------|----|
|            | 减速机 Reductors               |      |        |                |      |                |                |                |       |                |                |                |                |                |                              |                              |    |
|            | a                           | b    | c      | e <sub>7</sub> | E    | E <sub>1</sub> | f <sub>1</sub> | f <sub>2</sub> | h     | h <sub>2</sub> | m <sub>1</sub> | m <sub>2</sub> | n <sub>1</sub> | n <sub>2</sub> | p <sub>1</sub> <sup>4)</sup> | p <sub>2</sub> <sup>4)</sup> | s  |
| 13         | 1395                        | 900  | 61 ± 2 | 695            | 820  | 130            | 47             | 35             | 272.5 | 300            | 1300           | 680            | 50             | 360            | 50                           | 500                          | 48 |
| 14         | 1535                        | 900  | 61 ± 2 | 695            | 890  | 130            | 47             | 35             | 272.5 | 300            | 1440           | 680            | 50             | 430            | 50                           | 500                          | 48 |
| 15         | 1680                        | 980  | 72 ± 2 | 735            | 987  | 160            | 56             | 42             | 310   | 340            | 1565           | 750            | 60             | 430            | 50                           | 570                          | 55 |
| 16         | 1770                        | 980  | 72 ± 2 | 735            | 1033 | 160            | 56             | 42             | 310   | 340            | 1655           | 750            | 60             | 475            | 50                           | 570                          | 55 |
| 17         | 1770                        | 1110 | 81 ± 2 | 795            | 1035 | 160            | 53             | 42             | 340   | 374            | 1640           | 850            | 70             | 465            | 70                           | 630                          | 55 |
| 18         | 1890                        | 1110 | 81 ± 2 | 795            | 1095 | 160            | 53             | 42             | 340   | 374            | 1760           | 850            | 70             | 525            | 70                           | 630                          | 55 |
| 19         |                             |      |        |                |      |                |                |                |       |                |                |                |                |                |                              |                              |    |
| 20         |                             |      |        |                |      |                |                |                |       |                |                |                |                |                |                              |                              |    |
| 21         |                             |      |        |                |      |                |                |                |       |                |                |                |                |                |                              |                              |    |
| 22         |                             |      |        |                |      |                |                |                |       |                |                |                |                |                |                              |                              |    |

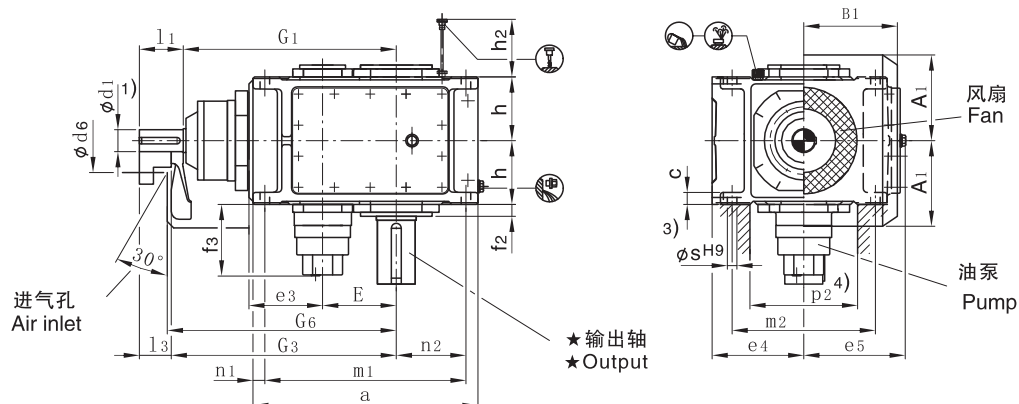
| 规格<br>Size | 尺寸 mm      Dimensions in mm  |                |                |                              |                |                        |                |                |                | 润滑油<br>Oil<br>(l) | 重量<br>Weight<br>(kg) |  |  |  |
|------------|------------------------------|----------------|----------------|------------------------------|----------------|------------------------|----------------|----------------|----------------|-------------------|----------------------|--|--|--|
|            | 输出轴      Output              |                |                |                              |                |                        |                |                |                |                   |                      |  |  |  |
|            | H4SV                         |                |                | H4SV                         |                | H4DV                   |                |                |                |                   |                      |  |  |  |
|            | d <sub>2</sub> <sup>1)</sup> | G <sub>2</sub> | l <sub>2</sub> | D <sub>2</sub> <sup>1)</sup> | G <sub>4</sub> | D <sub>3</sub>         | D <sub>4</sub> | G <sub>4</sub> | G <sub>5</sub> |                   |                      |  |  |  |
| 13         | 200                          | 335            | 350            | 190                          | 335            | 190                    | 195            | 335            | 480            | 95                | 2270                 |  |  |  |
| 14         | 210                          | 335            | 350            | 210                          | 335            | 210                    | 215            | 335            | 480            | 105               | 2600                 |  |  |  |
| 15         | 230                          | 380            | 410            | 230                          | 380            | 230                    | 235            | 380            | 550            | 150               | 3440                 |  |  |  |
| 16         | 240                          | 380            | 410            | 240                          | 380            | 240                    | 245            | 380            | 550            | 160               | 3740                 |  |  |  |
| 17         | 250                          | 415            | 410            | 250                          | 415            | 250                    | 260            | 415            | 600            | 190               | 4445                 |  |  |  |
| 18         | 270                          | 415            | 470            | 275                          | 415            | 280                    | 285            | 415            | 600            | 200               | 4915                 |  |  |  |
| 19         |                              |                |                |                              |                | 根据用户要求供货<br>On request |                |                |                |                   |                      |  |  |  |
| 20         |                              |                |                |                              |                |                        |                |                |                |                   |                      |  |  |  |
| 21         |                              |                |                |                              |                |                        |                |                |                |                   |                      |  |  |  |
| 22         |                              |                |                |                              |                |                        |                |                |                |                   |                      |  |  |  |

直交轴减速机 Bevel-helical Reductors    二级传动 Two Stage    立式安装 Vertical  
 类型 B2.V Types    B2.V    规格 1...12 Sizes 1...12

B2SV B2HV B2DV  
 采用浸油润滑 With dip lubrication



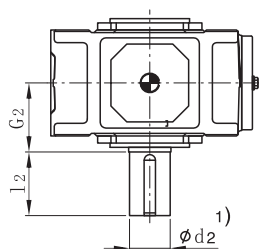
B2SV B2HV B2DV  
 采用强制润滑 With forced lubrication



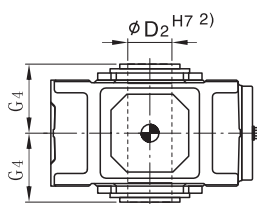
★输出轴 Output

布置形式 Design

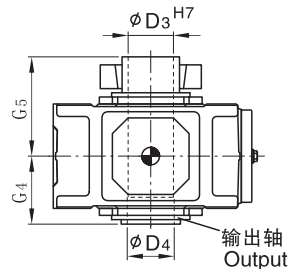
B2SV  
 实心轴  
 Solid shaft



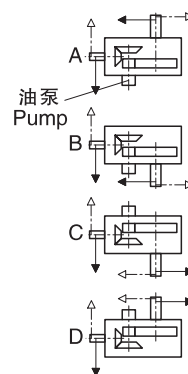
B2HV  
 空心轴  
 Hollow shaft



B2DV  
 带胀紧盘的空心轴  
 Hollow shaft for shrink disk



布置形式A+D根据用户要求供货  
 Design A+D on request



1)  $k_6 \leq \Phi 50$   $m_6 > \Phi 50$

有关平键 GB/T1095-1979 型和中心孔, 参见第279-280页。For parallel key GB/T1095-1979 and for center hole, see page 279-280.

2) 键槽 GB/T1095-1979 Keyway GB/T1095-1979.

3) 扭力支撑位于工作机侧。Torque support on driven machine side.

4) 有关油泵, 油管和护盖的安装空间及确切尺寸, 请与我们联系。Space for pump, pipes and cover, for exact dimension, please refer to us.

直交轴减速机 Bevel-helical Reductors

立式传动 Vertical

规格 1...12

二级传动 类型 B2.V Types B2.V

Two Stage

Sizes 1...12

| 规格<br>Size | 尺寸 mm    Dimensions in mm    |                |                |                              |                |                |                              |                |                |                |                |
|------------|------------------------------|----------------|----------------|------------------------------|----------------|----------------|------------------------------|----------------|----------------|----------------|----------------|
|            | 输入轴    Input                 |                |                |                              |                |                |                              |                |                |                |                |
|            | i <sub>N</sub> = 5 - 11.2    |                |                | i <sub>N</sub> = 6.3 - 14    |                |                | i <sub>N</sub> = 12.5 - 18   |                |                | G <sub>1</sub> | G <sub>3</sub> |
|            | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | l <sub>3</sub> |                |                |
| 1          | 28                           | 55             | 40             |                              |                |                | 20                           | 50             | 35             | 300            | 315            |
| 2          | 30                           | 70             | 50             |                              |                |                | 25                           | 60             | 40             | 340            | 360            |
| 3          | 35                           | 80             | 60             |                              |                |                | 28                           | 60             | 40             | 390            | 410            |
| 4          | 45                           | 100            | 80             |                              |                |                |                              |                |                | 465            | 485            |
| 5          | 55                           | 110            | 80             |                              |                |                |                              |                |                | 535            | 565            |
| 6          |                              |                |                | 55                           | 110            | 80             |                              |                |                | 570            | 600            |
| 7          | 70                           | 135            | 105            |                              |                |                |                              |                |                | 640            | 670            |
| 8          |                              |                |                | 70                           | 135            | 105            |                              |                |                | 685            | 715            |
| 9          | 80                           | 165            | 130            |                              |                |                |                              |                |                | 755            | 790            |
| 10         |                              |                |                | 80                           | 165            | 130            |                              |                |                | 805            | 840            |
| 11         | 90                           | 165            | 130            |                              |                |                |                              |                |                | 925            | 960            |
| 12         |                              |                |                | 90                           | 165            | 130            |                              |                |                | 995            | 1030           |

| 规格<br>Size | 尺寸 mm    Dimensions in mm |                |                |                |        |                |                |                |                |                |     |                |
|------------|---------------------------|----------------|----------------|----------------|--------|----------------|----------------|----------------|----------------|----------------|-----|----------------|
|            | 减速机 Reductors             |                |                |                |        |                |                |                |                |                |     |                |
|            | a                         | A <sub>1</sub> | b <sub>1</sub> | B <sub>1</sub> | c      | d <sub>6</sub> | e <sub>3</sub> | e <sub>4</sub> | e <sub>5</sub> | e <sub>6</sub> | E   | f <sub>2</sub> |
| 1          | 305                       | 128            | 150            | 130            | 16±1   | 100            | 90             | 130            | 145            | 280            | 90  | 22             |
| 2          | 355                       | 143            | 150            | 145            | 20±1   | 110            | 110            | 145            | 160            | 285            | 110 | 22             |
| 3          | 405                       | 163            | 150            | 170            | 24±1   | 120            | 130            | 175            | 185            | 290            | 130 | 24             |
| 4          | 505                       | 188            | 150            | 200            | 30±1   | 150            | 160            | 200            | 215            | 320            | 160 | 26             |
| 5          | 565                       | 215            | 240            | 235            | 30±1   | 160            | 185            | 230            | 252            | 385            | 185 | 30             |
| 6          | 645                       | 215            | 240            | 235            | 30±1   | 160            | 185            | 230            | 252            | 425            | 220 | 30             |
| 7          | 690                       | 250            | 240            | 285            | 36±1   | 210            | 225            | 280            | 302            | 425            | 225 | 32             |
| 8          | 795                       | 250            | 240            | 285            | 36±1   | 210            | 225            | 280            | 302            | 485            | 270 | 32             |
| 9          | 820                       | 270            | 330            | 325            | 48±1.5 | 195            | 265            | 320            | 342            | 560            | 265 | 45             |
| 10         | 920                       | 270            | 330            | 325            | 48±1.5 | 195            | 265            | 320            | 342            | 610            | 315 | 45             |
| 11         | 975                       | 328            | 330            | 385            | 54±1.5 | 210            | 320            | 380            | 410            | 595            | 320 | 47             |
| 12         | 1130                      | 328            | 330            | 385            | 54±1.5 | 210            | 320            | 380            | 410            | 680            | 390 | 47             |

| 规格<br>Size | 尺寸 mm    Dimensions in mm |                |       |                |                |                |                |                |                |                |                              |    |
|------------|---------------------------|----------------|-------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------------------|----|
|            | 减速机 Reductors             |                |       |                |                |                |                |                |                |                |                              |    |
|            | f <sub>3</sub>            | G <sub>6</sub> | h     | h <sub>1</sub> | h <sub>2</sub> | h <sub>3</sub> | m <sub>1</sub> | m <sub>2</sub> | n <sub>1</sub> | n <sub>2</sub> | p <sub>2</sub> <sup>4)</sup> | s  |
| 1          | —                         | 325            | 90    | 165            | —              | 170            | 275            | 210            | 15             | 115            | 150                          | 12 |
| 2          | —                         | 370            | 102.5 | 165            | —              | 170            | 315            | 315            | 20             | 120            | 170                          | 14 |
| 3          | —                         | 420            | 112.5 | 165            | —              | 180            | 365            | 365            | 20             | 130            | 200                          | 18 |
| 4          | —                         | 495            | 135   | 165            | —              | 180            | 445            | 300            | 30             | 160            | 220                          | 24 |
| 5          | 190                       | 575            | 160   | 205            | 245            | 240            | 505            | 360            | 30             | 175            | 270                          | 24 |
| 6          | 190                       | 610            | 160   | 205            | 245            | 240            | 585            | 360            | 30             | 220            | 270                          | 24 |
| 7          | 200                       | 685            | 190   | 205            | 220            | 250            | 620            | 430            | 35             | 215            | 330                          | 28 |
| 8          | 200                       | 730            | 190   | 205            | 220            | 250            | 725            | 430            | 35             | 275            | 330                          | 28 |
| 9          | 200                       | 805            | 220   | 275            | 250            | 330            | 740            | 490            | 40             | 260            | 370                          | 36 |
| 10         | 200                       | 855            | 220   | 275            | 250            | 330            | 840            | 490            | 40             | 310            | 370                          | 36 |
| 11         | 200                       | 980            | 265   | 275            | 300            | 340            | 875            | 600            | 50             | 295            | 440                          | 40 |
| 12         | 200                       | 1050           | 265   | 275            | 300            | 340            | 1030           | 600            | 50             | 380            | 440                          | 40 |

| 规格<br>Size | 尺寸 mm      Dimensions in mm  |                |                |                              |                |                |                |                |                | 润滑油    Oil                     |                                   | 重量<br>Weight<br>(kg) |
|------------|------------------------------|----------------|----------------|------------------------------|----------------|----------------|----------------|----------------|----------------|--------------------------------|-----------------------------------|----------------------|
|            | 输出轴      Output              |                |                |                              |                |                |                |                |                | 浸油浸润<br>Dip lubrication<br>(l) | 强制润滑<br>Forced lubrication<br>(l) |                      |
|            | B2SV                         |                |                | B2HV                         |                | B2DV           |                |                |                |                                |                                   |                      |
|            | d <sub>2</sub> <sup>1)</sup> | G <sub>2</sub> | l <sub>2</sub> | D <sub>2</sub> <sup>2)</sup> | G <sub>4</sub> | D <sub>3</sub> | D <sub>4</sub> | G <sub>4</sub> | G <sub>5</sub> |                                |                                   |                      |
| 1          | 45                           | 120            | 80             | —                            | —              | —              | —              | —              | —              | 7                              | —                                 | 65                   |
| 2          | 55                           | 135            | 110            | 55                           | 135            | 60             | 60             | 135            | 180            | 11                             | —                                 | 90                   |
| 3          | 65                           | 145            | 140            | 65                           | 145            | 70             | 70             | 145            | 200            | 16                             | —                                 | 140                  |
| 4          | 80                           | 170            | 170            | 80                           | 170            | 85             | 85             | 170            | 235            | 28                             | —                                 | 235                  |
| 5          | 100                          | 200            | 210            | 95                           | 200            | 100            | 100            | 200            | 275            | 41                             | 20                                | 360                  |
| 6          | 110                          | 200            | 210            | 105                          | 200            | 110            | 110            | 200            | 275            | 50                             | 23                                | 410                  |
| 7          | 120                          | 235            | 210            | 115                          | 235            | 120            | 120            | 235            | 320            | 75                             | 35                                | 615                  |
| 8          | 130                          | 235            | 250            | 125                          | 235            | 130            | 130            | 235            | 325            | 90                             | 38                                | 700                  |
| 9          | 140                          | 270            | 250            | 135                          | 270            | 140            | 145            | 270            | 360            | 115                            | 53                                | 1000                 |
| 10         | 160                          | 270            | 300            | 150                          | 270            | 150            | 155            | 270            | 385            | 135                            | 60                                | 1155                 |
| 11         | 170                          | 320            | 300            | 165                          | 320            | 165            | 170            | 320            | 450            | 190                            | 86                                | 1640                 |
| 12         | 180                          | 320            | 300            | 180                          | 320            | 180            | 185            | 320            | 455            | 215                            | 95                                | 1910                 |



# SAILAN

直交轴减速机 Bevel-helical Reductors

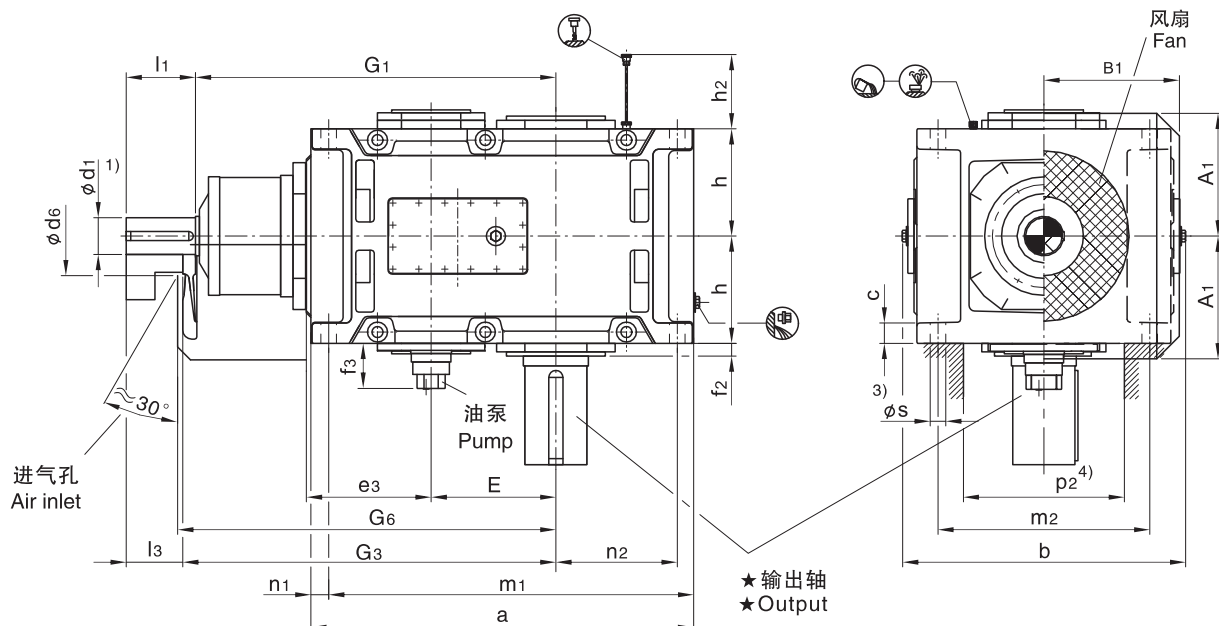
二级传动 Two Stage

立式安装 Vertical

类型 B2.V Types B2.V

规格 13...18 Sizes 13...18

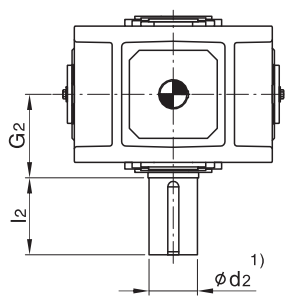
B2SV B2HV B2DV  
采用强制润滑 With forced lubrication



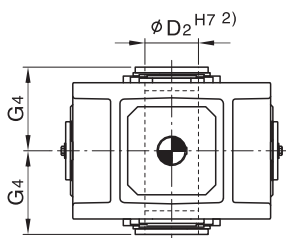
★ 输出轴 Output

布置形式 Design

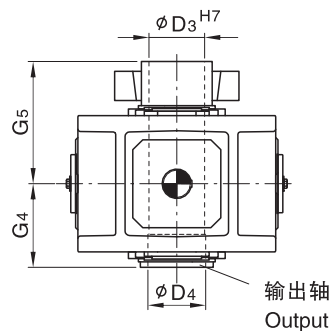
B2SV  
实心轴  
Solid shaft



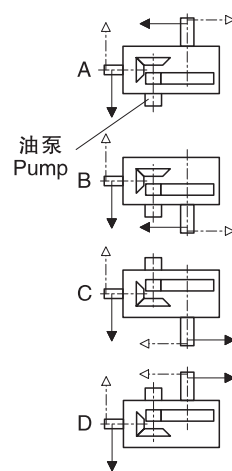
B2HV  
空心轴  
Hollow shaft



B2DV  
带胀紧盘的空心轴  
Hollow shaft for shrink disk



布置形式 A+D 根据用户要求供货  
Design A+D on request



1)  $k_6 \leq \Phi 50$   $m_6 > \Phi 50$

有关平键 GB/T1095-1979 型和中心孔, 参见第279-280页。For parallel key GB/T1095-1979 and for center hole, see page 279-280.

2) 键槽 GB/T1095-1979 Keyway GB/T1095-1979.

3) 扭力支撑位于工作机侧。Torque support on driven machine side.

4) 有关油泵, 油管和护盖的安装空间及确切尺寸, 请与我们联系。Space for pump, pipes and cover, for exact dimension, please refer to us.



直交轴减速机 Bevel-helical Reductors    二级传动 Two Stage    立式安装 Vertical

类型 B2.V Types    B2.V    规格 13...18    Sizes 13...18

| 规格<br>Size | 尺寸 mm    Dimensions in mm    |                |                |                              |                |                |                              |                |                |                              |                |                |                              |                |                |      |      |
|------------|------------------------------|----------------|----------------|------------------------------|----------------|----------------|------------------------------|----------------|----------------|------------------------------|----------------|----------------|------------------------------|----------------|----------------|------|------|
|            | 输入轴    Input                 |                |                |                              |                |                |                              |                |                |                              |                |                |                              |                |                |      |      |
|            | iN = 5 – 11.2                |                |                | iN = 5.6 – 11.2              |                |                | iN = 5.6 – 12.5              |                |                | iN = 6.3 – 14                |                |                | iN = 7.1 – 12.5              |                |                | G1   | G3   |
|            | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | l <sub>1</sub> |      |      |
| 13         | 110                          | 205            | 165            |                              |                |                |                              |                |                |                              |                |                |                              |                |                | 1070 | 1110 |
| 14         |                              |                |                |                              |                |                |                              |                |                | 110                          | 205            | 165            |                              |                |                | 1140 | 1180 |
| 15         | 130                          | 245            | 200            |                              |                |                |                              |                |                |                              |                |                |                              |                |                | 1277 | 1322 |
| 16         |                              |                |                |                              |                |                | 130                          | 245            | 200            |                              |                |                |                              |                |                | 1323 | 1368 |
| 17         |                              |                |                | 150                          | 245            | 200            |                              |                |                |                              |                |                |                              |                |                | 1435 | 1480 |
| 18         |                              |                |                |                              |                |                |                              |                |                |                              |                |                | 150                          | 245            | 200            | 1495 | 1540 |

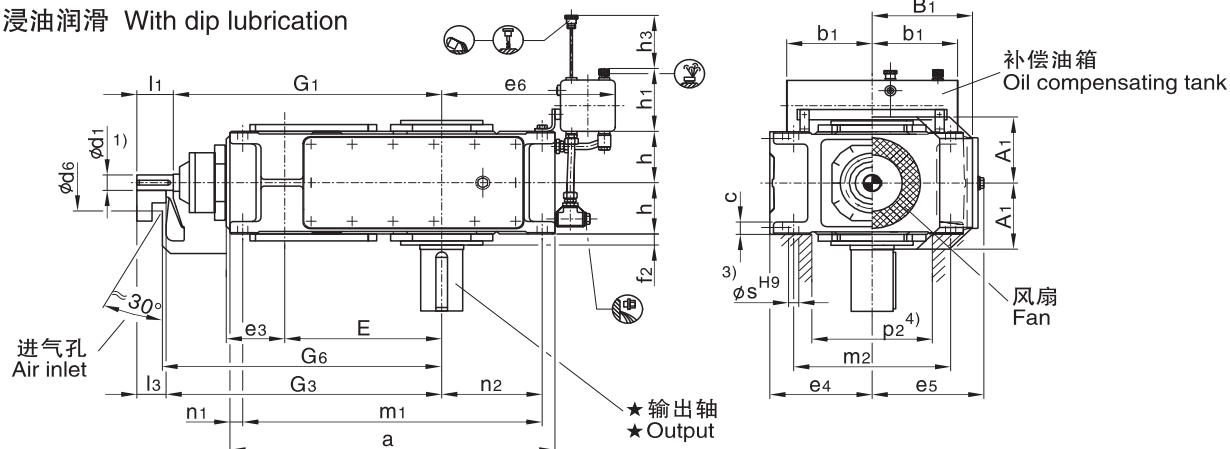
| 规格<br>Size | 尺寸mm    Dimensions in mm |     |      |     |        |                |                |     |                |                |
|------------|--------------------------|-----|------|-----|--------|----------------|----------------|-----|----------------|----------------|
|            | 减速机 Reductors            |     |      |     |        |                |                |     |                |                |
|            | a                        | A1  | b    | B1  | c      | d <sub>6</sub> | e <sub>3</sub> | E   | f <sub>2</sub> | f <sub>3</sub> |
| 13         | 1130                     | 375 | 900  | 450 | 61 ± 2 | 245            | 380            | 370 | 38             | 200            |
| 14         | 1270                     | 375 | 900  | 450 | 61 ± 2 | 245            | 380            | 440 | 45             | 200            |
| 15         | 1350                     | 435 | 980  | 495 | 72 ± 2 | 280            | 450            | 442 | 75             | 200            |
| 16         | 1440                     | 435 | 980  | 495 | 72 ± 2 | 280            | 450            | 488 | 75             | 200            |
| 17         | 1490                     | 505 | 1110 | 555 | 81 ± 2 | 380            | 510            | 490 | 98             | 200            |
| 18         | 1610                     | 505 | 1110 | 555 | 81 ± 2 | 380            | 510            | 550 | 98             | 200            |

| 规格<br>Size | 尺寸 mm      Dimensions in mm |       |                |                |                |                |                |                              |    |
|------------|-----------------------------|-------|----------------|----------------|----------------|----------------|----------------|------------------------------|----|
|            | 减速机 Reductors               |       |                |                |                |                |                |                              |    |
|            | G <sub>6</sub>              | h     | h <sub>2</sub> | m <sub>1</sub> | m <sub>2</sub> | n <sub>1</sub> | n <sub>2</sub> | p <sub>2</sub> <sup>4)</sup> | s  |
| 13         | 1130                        | 325   | 350            | 1035           | 680            | 50             | 360            | 500                          | 48 |
| 14         | 1200                        | 325   | 350            | 1175           | 680            | 50             | 430            | 500                          | 48 |
| 15         | 1340                        | 380   | 430            | 1235           | 750            | 60             | 430            | 570                          | 55 |
| 16         | 1385                        | 380   | 430            | 1325           | 750            | 60             | 475            | 570                          | 55 |
| 17         | 1500                        | 437.5 | 480            | 1360           | 840            | 70             | 465            | 630                          | 65 |
| 18         | 1560                        | 437.5 | 480            | 1480           | 840            | 70             | 525            | 630                          | 65 |

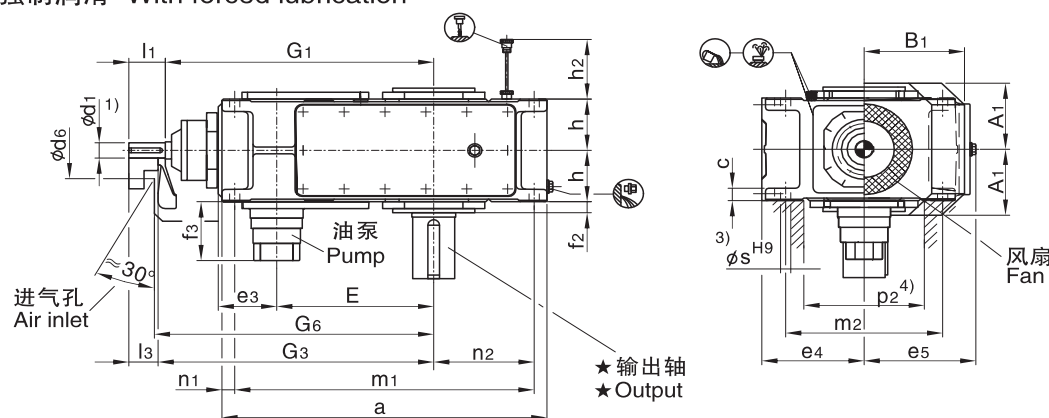
| 规格<br>Size | 尺寸 mm    Dimensions in mm    |                |                |                              |                |                |                |                |                | 润滑油<br>Oil<br>(l) | 重量<br>Weight<br>(kg) |
|------------|------------------------------|----------------|----------------|------------------------------|----------------|----------------|----------------|----------------|----------------|-------------------|----------------------|
|            | 输出轴    Output                |                |                |                              |                |                |                |                |                |                   |                      |
|            | B2SV                         |                |                | B2HV                         |                | B2DV           |                |                |                |                   |                      |
|            | d <sub>2</sub> <sup>1)</sup> | G <sub>2</sub> | l <sub>2</sub> | D <sub>2</sub> <sup>2)</sup> | G <sub>4</sub> | D <sub>3</sub> | D <sub>4</sub> | G <sub>4</sub> | G <sub>5</sub> |                   |                      |
| 13         | 200                          | 390            | 350            | —                            | —              | —              | —              | —              | —              | 100               | 2350                 |
| 14         | 210                          | 390            | 350            | 210                          | 390            | 210            | 215            | 390            | 535            | 110               | 2725                 |
| 15         | 230                          | 460            | 410            | —                            | —              | —              | —              | —              | —              | 145               | 3795                 |
| 16         | 240                          | 460            | 410            | 240                          | 450            | 240            | 245            | 450            | 620            | 160               | 4160                 |
| 17         | 250                          | 540            | 410            | —                            | —              | —              | —              | —              | —              | 210               | 5320                 |
| 18         | 270                          | 540            | 470            | 275                          | 510            | 280            | 285            | 510            | 700            | 220               | 5860                 |

直交轴减速机 Bevel-helical Reductors      三级传动 Three Stage      立式安装 Vertical  
 类型 B3.V Types B3.V      规格 3...12 Sizes 3...12

B3SV B3HV B3DV  
 采用浸油润滑 With dip lubrication



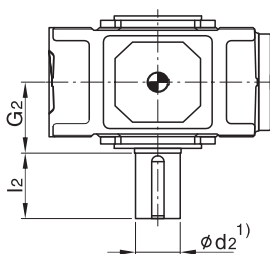
B3SV B3HV B3DV  
 采用强制润滑 With forced lubrication



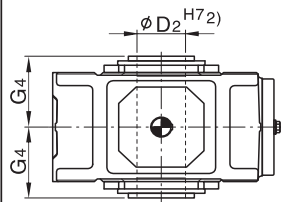
★输出轴 Output

布置形式 Design

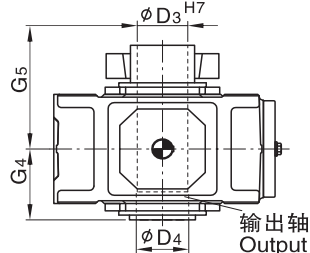
B3SV  
 实心轴  
 Solid shaft



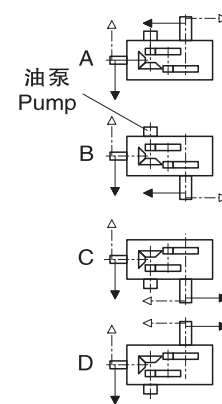
B3HV  
 空心轴  
 Hollow shaft



B3DV  
 带胀紧盘的空心轴  
 Hollow shaft for shrink disk



布置形式 A+D 根据用户要求供货  
 Design A+D on request



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4) 有关油泵, 油管和护盖的安装空间及确切尺寸, 请与我们联系。Space for pump, pipes and cover, for exact dimension, please refer to us.

直交轴减速机 Bevel-helical Reductors

三级传动 Three Stage

立式安装 Vertical

类型 B3.V Types

B3.V

规格 3...12 Sizes 3...12

| 规格<br>Size | 尺寸 mm      Dimensions in mm  |                |                |                              |                |                |                              |                |                |                              |                |                |                              |                |                |                |
|------------|------------------------------|----------------|----------------|------------------------------|----------------|----------------|------------------------------|----------------|----------------|------------------------------|----------------|----------------|------------------------------|----------------|----------------|----------------|
|            | 输入轴      Input               |                |                |                              |                |                |                              |                |                |                              |                |                |                              |                |                |                |
|            | iN = 12.5 - 45               |                |                | iN = 16 - 56                 |                |                | iN = 20 - 45                 |                |                | iN = 50 - 71                 |                |                | iN = 63 - 90                 |                |                | G <sub>1</sub> |
|            | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | l <sub>3</sub> |                |
| 3          |                              |                |                |                              |                |                | 28                           | 55             | 40             | 20                           | 50             | 35             |                              |                |                | 430            |
| 4          | 30                           | 70             | 50             |                              |                |                |                              |                |                | 25                           | 60             | 40             |                              |                |                | 500            |
| 5          | 35                           | 80             | 60             |                              |                |                |                              |                |                | 28                           | 60             | 40             |                              |                |                | 575            |
| 6          |                              |                |                | 35                           | 80             | 60             |                              |                |                |                              |                |                | 28                           | 60             | 40             | 610            |
| 7          | 45                           | 100            | 80             |                              |                |                |                              |                |                | 35                           | 80             | 60             |                              |                |                | 690            |
| 8          |                              |                |                | 45                           | 100            | 80             |                              |                |                |                              |                |                | 35                           | 80             | 60             | 735            |
| 9          | 55                           | 110            | 80             |                              |                |                |                              |                |                | 40                           | 100            | 70             |                              |                |                | 800            |
| 10         |                              |                |                | 55                           | 110            | 80             |                              |                |                |                              |                |                | 40                           | 100            | 70             | 850            |
| 11         | 70                           | 135            | 105            |                              |                |                |                              |                |                | 50                           | 110            | 80             |                              |                |                | 960            |
| 12         |                              |                |                | 70                           | 135            | 105            |                              |                |                |                              |                |                | 50                           | 110            | 80             | 1030           |

| 规格<br>Size | 尺寸 mm      Dimensions in mm |                |                |                |          |                |                |                |                |                |     |                |
|------------|-----------------------------|----------------|----------------|----------------|----------|----------------|----------------|----------------|----------------|----------------|-----|----------------|
|            | 减速机 Reductors               |                |                |                |          |                |                |                |                |                |     |                |
|            | a                           | A <sub>1</sub> | b <sub>1</sub> | B <sub>1</sub> | c        | d <sub>6</sub> | e <sub>3</sub> | e <sub>4</sub> | e <sub>5</sub> | e <sub>6</sub> | E   | f <sub>2</sub> |
| 3          | 450                         | 128            | 150            | 170            | 24 ± 1   | 90             | 90             | 175            | 185            | 290            | 220 | 20             |
| 4          | 565                         | 143            | 150            | 200            | 30 ± 1   | 110            | 110            | 200            | 215            | 320            | 270 | 22             |
| 5          | 640                         | 168            | 240            | 235            | 30 ± 1   | 130            | 130            | 230            | 252            | 385            | 315 | 28             |
| 6          | 720                         | 168            | 240            | 235            | 30 ± 1   | 130            | 130            | 230            | 252            | 425            | 350 | 28             |
| 7          | 785                         | 193            | 240            | 275            | 36 ± 1   | 165            | 160            | 280            | 292            | 425            | 385 | 30             |
| 8          | 890                         | 193            | 240            | 275            | 36 ± 1   | 165            | 160            | 280            | 302            | 485            | 430 | 32             |
| 9          | 925                         | 231            | 330            | 325            | 45 ± 1.5 | 175            | 185            | 320            | 342            | 560            | 450 | 32             |
| 10         | 1025                        | 231            | 330            | 325            | 45 ± 1.5 | 175            | 185            | 320            | 342            | 610            | 500 | 32             |
| 11         | 1105                        | 263            | 330            | 385            | 54 ± 1.5 | 190            | 225            | 380            | 402            | 595            | 545 | 35             |
| 12         | 1260                        | 263            | 330            | 385            | 54 ± 1.5 | 190            | 225            | 380            | 410            | 680            | 615 | 35             |

| 规格<br>Size | 尺寸 mm      Dimensions in mm |                |       |                |                |                |                |                |                |                |                              |    |
|------------|-----------------------------|----------------|-------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------------------|----|
|            | 减速机 Reductors               |                |       |                |                |                |                |                |                |                |                              |    |
|            | f <sub>3</sub>              | G <sub>6</sub> | h     | h <sub>1</sub> | h <sub>2</sub> | h <sub>3</sub> | m <sub>1</sub> | m <sub>2</sub> | n <sub>1</sub> | n <sub>2</sub> | p <sub>2</sub> <sup>4)</sup> | s  |
| 3          | —                           | 455            | 95    | 165            | —              | 180            | 410            | 265            | 20             | 125            | 210                          | 18 |
| 4          | —                           | 530            | 107.5 | 165            | —              | 180            | 505            | 300            | 30             | 160            | 220                          | 24 |
| 5          | 190                         | 605            | 127.5 | 205            | 180            | 240            | 580            | 360            | 30             | 175            | 270                          | 24 |
| 6          | 190                         | 640            | 127.5 | 205            | 180            | 240            | 660            | 360            | 30             | 220            | 270                          | 24 |
| 7          | 190                         | 720            | 150   | 205            | 165            | 250            | 715            | 430            | 35             | 215            | 330                          | 28 |
| 8          | 190                         | 765            | 150   | 205            | 165            | 250            | 820            | 430            | 35             | 275            | 330                          | 28 |
| 9          | 180                         | 845            | 185   | 275            | 205            | 330            | 845            | 490            | 40             | 260            | 370                          | 36 |
| 10         | 180                         | 895            | 185   | 275            | 205            | 330            | 945            | 490            | 40             | 310            | 370                          | 36 |
| 11         | 180                         | 1010           | 215   | 275            | 240            | 340            | 1005           | 600            | 50             | 295            | 440                          | 40 |
| 12         | 180                         | 1080           | 215   | 275            | 240            | 340            | 1060           | 600            | 50             | 380            | 440                          | 40 |

| 规格<br>Size | 尺寸 mm      Dimensions in mm  |                |                |                              |                |                |                |                |                | 润滑油      Oil                     |                                    | 重量<br>Weight<br>(kg) |
|------------|------------------------------|----------------|----------------|------------------------------|----------------|----------------|----------------|----------------|----------------|----------------------------------|------------------------------------|----------------------|
|            | 输出轴      Output              |                |                |                              |                |                |                |                |                | 浸油润滑<br>Dip lubrication<br>( l ) | 强制润滑<br>Forced<br>lubrication( l ) |                      |
|            | B3SV                         |                |                | B3HV                         |                | B3DV           |                |                |                |                                  |                                    |                      |
|            | d <sub>2</sub> <sup>1)</sup> | G <sub>2</sub> | l <sub>2</sub> | D <sub>2</sub> <sup>2)</sup> | G <sub>4</sub> | D <sub>3</sub> | D <sub>4</sub> | G <sub>4</sub> | G <sub>5</sub> |                                  |                                    |                      |
| 3          | 65                           | 125            | 140            | 65                           | 125            | 70             | 70             | 125            | 180            | 15                               | —                                  | 130                  |
| 4          | 80                           | 140            | 170            | 80                           | 140            | 85             | 85             | 140            | 205            | 28                               | —                                  | 210                  |
| 5          | 100                          | 165            | 210            | 95                           | 165            | 100            | 100            | 165            | 240            | 32                               | 12                                 | 325                  |
| 6          | 110                          | 165            | 210            | 105                          | 165            | 110            | 110            | 165            | 240            | 35                               | 13                                 | 380                  |
| 7          | 120                          | 195            | 210            | 115                          | 195            | 120            | 120            | 195            | 280            | 52                               | 22                                 | 550                  |
| 8          | 130                          | 195            | 250            | 125                          | 195            | 130            | 130            | 195            | 285            | 67                               | 28                                 | 635                  |
| 9          | 140                          | 235            | 250            | 135                          | 235            | 140            | 145            | 235            | 330            | 115                              | 48                                 | 890                  |
| 10         | 160                          | 235            | 300            | 150                          | 235            | 150            | 155            | 235            | 350            | 125                              | 52                                 | 1020                 |
| 11         | 170                          | 270            | 300            | 165                          | 270            | 165            | 170            | 270            | 400            | 180                              | 75                                 | 1455                 |
| 12         | 180                          | 270            | 300            | 180                          | 270            | 180            | 185            | 270            | 405            | 200                              | 85                                 | 1730                 |

直交轴减速机 Bevel-helical Reductors

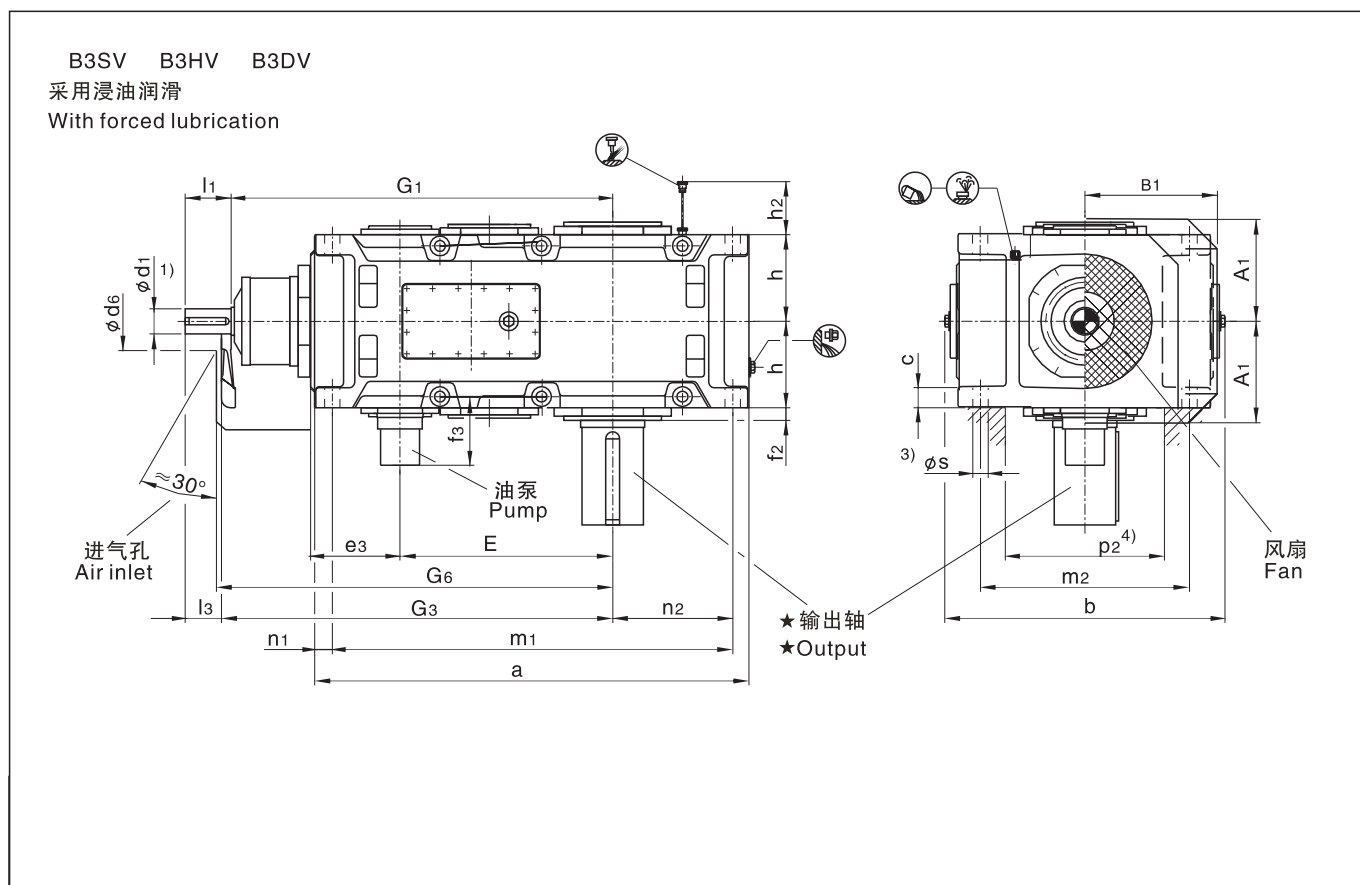
三级传动 Three Stage

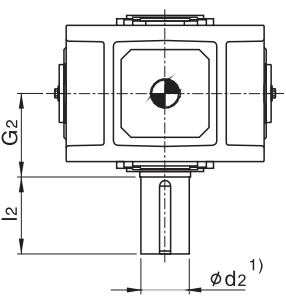
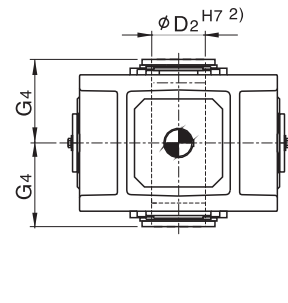
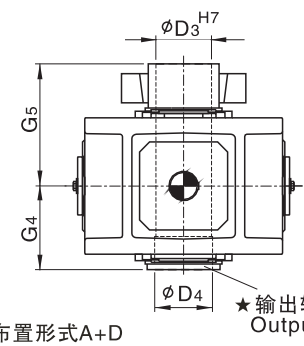
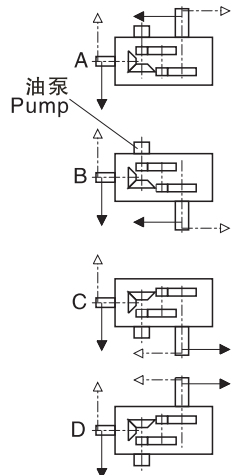
立式安装 Vertical

类型 B3.V Types B3.V

规格 13...18

Sizes 13...18



| ★ 输出轴 Output                                                                                                            |                                                                                                                          |                                                                                                                                                                                                      | 布置形式 Design                                                                           |
|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <p>B3SV<br/>实心轴<br/>Solid shaft</p>  | <p>B3HV<br/>空心轴<br/>Hollow shaft</p>  | <p>B3DV<br/>带胀紧盘的空心轴<br/>Hollow shaft for shrink disk</p>  <p>布置形式A+D<br/>根据用户要求供货<br/>Design A+D on request</p> |  |

1)  $k_6 \leq \Phi 50$   $m_6 > \Phi 50$

有关平键 GB/T1095-1979 型和中心孔, 参见第279-280页。For parallel key GB/T1095-1979 and for center hole, see page 279-280.

2) 键槽 GB/T1095-1979 Keyway GB/T1095-1979.

3) 扭力支撑位于工作机侧。Torque support on driven machine side.

4) 有关油泵, 油管和护盖的安装空间及确切尺寸, 请与我们联系。Space for pump, pipes and cover, for exact dimension, please refer to us.

直交轴减速机 Bevel-helical Reductors

三级传动 Three Stage

立式安装 Vertical

类型 B3.V Types B3.V

Sizes 13...18

| 规格<br>Size                   | 尺寸 mm      Dimensions in mm |                |                              |                |                |                              |                |                |                              |                       |                |                              |                |                |                              |                |                |     |                |                |  |  |
|------------------------------|-----------------------------|----------------|------------------------------|----------------|----------------|------------------------------|----------------|----------------|------------------------------|-----------------------|----------------|------------------------------|----------------|----------------|------------------------------|----------------|----------------|-----|----------------|----------------|--|--|
|                              | 输入轴      Input              |                |                              |                |                |                              |                |                |                              |                       |                |                              |                |                |                              |                |                |     |                |                |  |  |
|                              | in=12.5-45                  |                |                              | in=14-50       |                |                              | in=16-56       |                |                              | in=50-71              |                |                              | in=56-80       |                |                              | in=63-90       |                |     | G <sub>1</sub> | G <sub>3</sub> |  |  |
| d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub>              | l <sub>3</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub>        | l <sub>3</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | l <sub>3</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | l <sub>3</sub> |     |                |                |  |  |
| 13                           | 80                          | 165            | 130                          |                |                |                              |                |                |                              | 60                    | 140            | 105                          |                |                |                              |                |                |     | 1125           | 1160           |  |  |
| 14                           |                             |                |                              |                |                |                              | 80             | 165            | 130                          |                       |                |                              |                |                |                              | 60             | 140            | 105 | 1195           | 1230           |  |  |
| 15                           | 90                          | 165            | 130                          |                |                |                              |                |                |                              | 70                    | 140            | 105                          |                |                |                              |                |                |     | 1367           | 1402           |  |  |
| 16                           |                             |                |                              | 90             | 165            | 130                          |                |                |                              |                       |                |                              | 70             | 140            | 105                          |                |                |     | 1413           | 1448           |  |  |
| 17                           | 110                         | 205            | 165                          |                |                |                              |                |                |                              | 80                    | 170            | 130                          |                |                |                              |                |                |     | 1560           | 1600           |  |  |
| 18                           |                             |                |                              | 110            | 205            | 165                          |                |                |                              |                       |                |                              | 80             | 170            | 130                          |                |                |     | 1620           | 1660           |  |  |
| 19                           |                             |                |                              |                |                |                              |                |                |                              | 根据用户要求供货<br>Onrequest |                |                              |                |                |                              |                |                |     |                |                |  |  |
| 20                           |                             |                |                              |                |                |                              |                |                |                              |                       |                |                              |                |                |                              |                |                |     |                |                |  |  |
| 21                           |                             |                |                              |                |                |                              |                |                |                              |                       |                |                              |                |                |                              |                |                |     |                |                |  |  |
| 22                           |                             |                |                              |                |                |                              |                |                |                              |                       |                |                              |                |                |                              |                |                |     |                |                |  |  |

| 规格<br>Size | 尺寸 mm      Dimensions in mm |                |      |                |                       |                |                |     |                |                |  |
|------------|-----------------------------|----------------|------|----------------|-----------------------|----------------|----------------|-----|----------------|----------------|--|
|            | 减速机 Reductors               |                |      |                |                       |                |                |     |                |                |  |
|            | a                           | A <sub>1</sub> | b    | B <sub>1</sub> | c                     | d <sub>6</sub> | e <sub>3</sub> | E   | f <sub>2</sub> | f <sub>3</sub> |  |
| 13         | 1290                        | 325            | 900  | 475            | 61±2                  | 210            | 265            | 635 | 35             | 170            |  |
| 14         | 1430                        | 325            | 900  | 475            | 61±2                  | 210            | 265            | 705 | 35             | 170            |  |
| 15         | 1550                        | 365            | 980  | 520            | 72±2                  | 210            | 320            | 762 | 42             | 170            |  |
| 16         | 1640                        | 365            | 980  | 520            | 72±2                  | 210            | 320            | 808 | 42             | 170            |  |
| 17         | 1740                        | 395            | 1110 | 570            | 81±2                  | 230            | 370            | 860 | 42             | 170            |  |
| 18         | 1860                        | 395            | 1110 | 570            | 81±2                  | 230            | 370            | 920 | 42             | 170            |  |
| 19         |                             |                |      |                | 根据用户要求供货<br>Onrequest |                |                |     |                |                |  |
| 20         |                             |                |      |                |                       |                |                |     |                |                |  |
| 21         |                             |                |      |                |                       |                |                |     |                |                |  |
| 22         |                             |                |      |                |                       |                |                |     |                |                |  |

| 规格<br>Size | 尺寸mm      Dimensions in mm |       |                |                       |                |                |                |                              |    |  |
|------------|----------------------------|-------|----------------|-----------------------|----------------|----------------|----------------|------------------------------|----|--|
|            | 减速机 Reductors              |       |                |                       |                |                |                |                              |    |  |
|            | G <sub>6</sub>             | h     | h <sub>2</sub> | m <sub>1</sub>        | m <sub>2</sub> | n <sub>1</sub> | n <sub>2</sub> | p <sub>2</sub> <sup>4)</sup> | s  |  |
| 13         | 1180                       | 272.5 | 300            | 1195                  | 680            | 50             | 360            | 500                          | 48 |  |
| 14         | 1250                       | 272.5 | 300            | 1335                  | 680            | 50             | 430            | 500                          | 48 |  |
| 15         | 1420                       | 310   | 340            | 1435                  | 750            | 60             | 430            | 570                          | 55 |  |
| 16         | 1470                       | 310   | 340            | 1525                  | 750            | 60             | 475            | 570                          | 55 |  |
| 17         | 1620                       | 340   | 380            | 1610                  | 850            | 70             | 465            | 630                          | 55 |  |
| 18         | 1680                       | 340   | 380            | 1730                  | 850            | 70             | 525            | 630                          | 55 |  |
| 19         |                            |       |                | 根据用户要求供货<br>Onrequest |                |                |                |                              |    |  |
| 20         |                            |       |                |                       |                |                |                |                              |    |  |
| 21         |                            |       |                |                       |                |                |                |                              |    |  |
| 22         |                            |       |                |                       |                |                |                |                              |    |  |

| 规格<br>Size | 尺寸 mm      Dimensions in mm  |                |                |                              |                |                       |                |                |                | 润滑油<br>Oil<br>(l) | 重量<br>Weight<br>(kg) |
|------------|------------------------------|----------------|----------------|------------------------------|----------------|-----------------------|----------------|----------------|----------------|-------------------|----------------------|
|            | 输出轴      Output              |                |                |                              |                |                       |                |                |                |                   |                      |
|            | B3SV                         |                |                | B3HV                         |                | B3DV                  |                |                |                |                   |                      |
|            | d <sub>2</sub> <sup>1)</sup> | G <sub>2</sub> | l <sub>2</sub> | D <sub>2</sub> <sup>1)</sup> | G <sub>4</sub> | D <sub>3</sub>        | D <sub>4</sub> | G <sub>4</sub> | G <sub>5</sub> |                   |                      |
| 13         | 200                          | 335            | 350            | 190                          | 335            | 195                   | 95             | 335            | 480            | 95                | 2260                 |
| 14         | 210                          | 335            | 350            | 210                          | 335            | 210                   | 215            | 335            | 480            | 110               | 2615                 |
| 15         | 230                          | 380            | 410            | 230                          | 380            | 230                   | 235            | 380            | 550            | 165               | 3540                 |
| 16         | 240                          | 380            | 410            | 240                          | 380            | 240                   | 245            | 380            | 550            | 190               | 3765                 |
| 17         | 250                          | 415            | 410            | 250                          | 415            | 250                   | 260            | 415            | 600            | 210               | 4760                 |
| 18         | 270                          | 415            | 470            | 275                          | 415            | 280                   | 285            | 415            | 600            | 240               | 5240                 |
| 19         |                              |                |                |                              |                | 根据用户要求供货<br>Onrequest |                |                |                |                   |                      |
| 20         |                              |                |                |                              |                |                       |                |                |                |                   |                      |
| 21         |                              |                |                |                              |                |                       |                |                |                |                   |                      |
| 22         |                              |                |                |                              |                |                       |                |                |                |                   |                      |

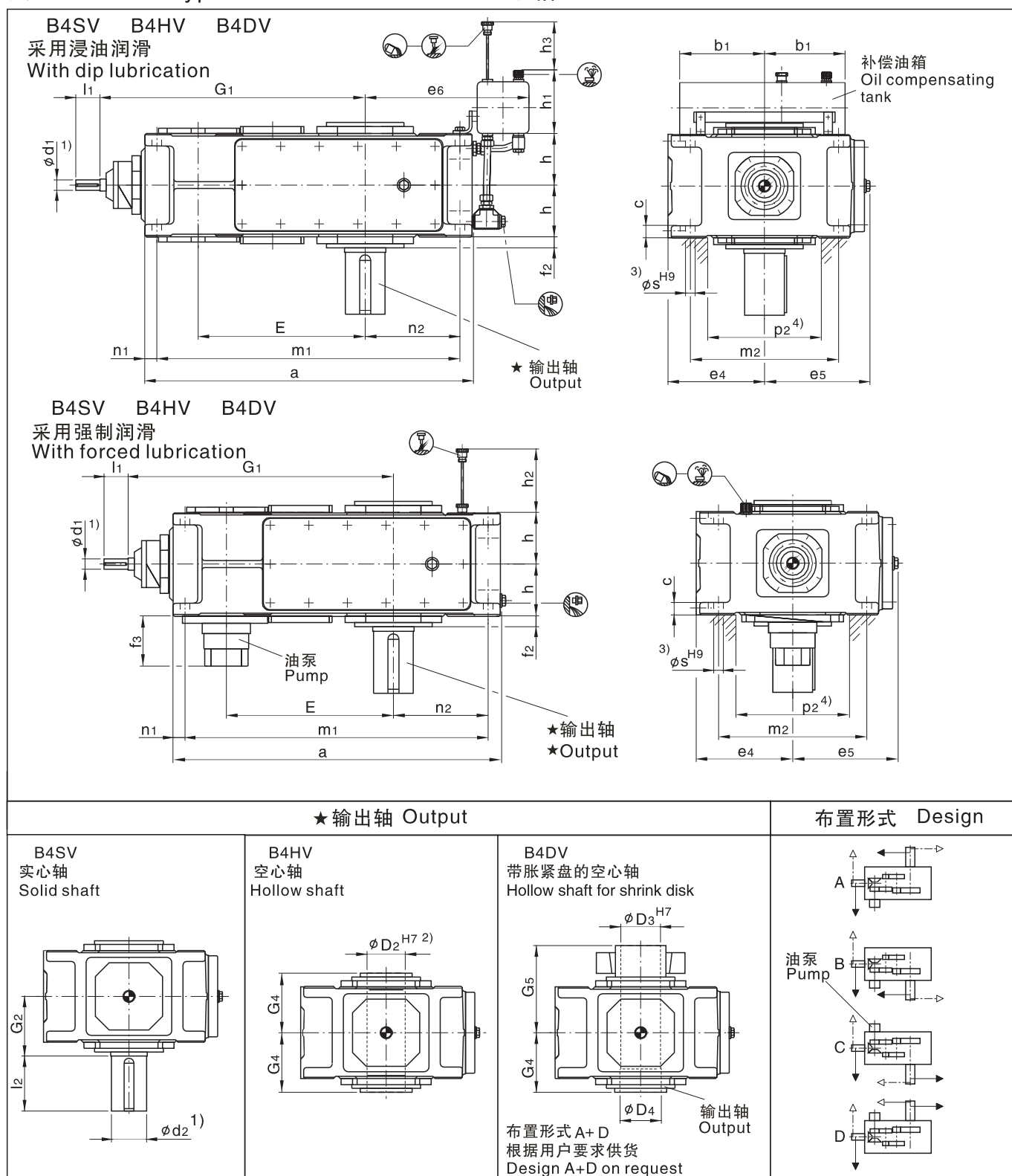
直交轴减速机 Bevel-helical Reductors

四级传动 Four Stage

立式安装 Vertical

类型 B4.V Types B4.V

规格 5 ...12 Sizes 5 ...12



1)  $k_6 \leq \Phi 50$   $m_6 > \Phi 50$

有关平键 GB/T1095-1979 型和中心孔, 参见第279-280页。For parallel key GB/T1095-1979 and for center hole, see page 279-280.

2) 键槽 GB/T1095-1979 Keyway GB/T1095-1979.

3) 扭力支撑位于工作机侧。Torque support on driven machine side.

4) 有关油泵, 油管和护盖的安装空间及确切尺寸, 请与我们联系。Space for pump, pipes and cover, for exact dimension, please refer to us.



直交轴减速机 Bevel-helical Reductors

立式安装 Vertical

规格 5... 12

四级传动

类型 B4.V Type B4.V

Sizes 5... 12

Four Stage

| 规格<br>Size | 尺寸 mm    Dimensions in mm    |                |                              |                |                              |                |                              |                |
|------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|
|            | 输入轴    Input                 |                |                              |                |                              |                |                              |                |
|            | i <sub>N</sub> = 80 – 180    |                | i <sub>N</sub> = 100 – 224   |                | i <sub>N</sub> = 200 – 315   |                | i <sub>N</sub> = 250 – 400   |                |
|            | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> |
| 5          | 28                           | 55             |                              |                | 20                           | 50             |                              | 615            |
| 6          |                              |                | 28                           | 55             |                              |                | 20                           | 650            |
| 7          | 30                           | 70             |                              |                | 25                           | 60             |                              | 725            |
| 8          |                              |                | 30                           | 70             |                              |                | 25                           | 770            |
| 9          | 35                           | 80             |                              |                | 28                           | 60             |                              | 840            |
| 10         |                              |                | 35                           | 80             |                              |                | 28                           | 890            |
| 11         | 45                           | 100            |                              |                | 35                           | 80             |                              | 1010           |
| 12         |                              |                | 45                           | 100            |                              |                | 35                           | 1080           |

| 规格<br>Size | 尺寸mm    Dimensions in mm |                |          |                |                |                |     |                |                |
|------------|--------------------------|----------------|----------|----------------|----------------|----------------|-----|----------------|----------------|
|            | 减速机 Reductors            |                |          |                |                |                |     |                |                |
|            | a                        | b <sub>1</sub> | c        | e <sub>4</sub> | e <sub>5</sub> | e <sub>6</sub> | E   | f <sub>2</sub> | f <sub>3</sub> |
| 5          | 690                      | 240            | 30 ± 1   | 230            | 252            | 385            | 405 | 28             | 200            |
| 6          | 770                      | 240            | 30 ± 1   | 230            | 252            | 425            | 440 | 28             | 200            |
| 7          | 845                      | 240            | 36 ± 1   | 280            | 292            | 425            | 495 | 30             | 120            |
| 8          | 950                      | 240            | 36 ± 1   | 280            | 302            | 485            | 540 | 32             | 120            |
| 9          | 1000                     | 330            | 45 ± 1.5 | 320            | 342            | 560            | 580 | 32             | 120            |
| 10         | 1100                     | 330            | 45 ± 1.5 | 320            | 342            | 610            | 630 | 32             | 120            |
| 11         | 1200                     | 330            | 54 ± 1.5 | 380            | 402            | 595            | 705 | 35             | 130            |
| 12         | 1355                     | 330            | 54 ± 1.5 | 380            | 410            | 680            | 775 | 35             | 130            |

| 规格<br>Size | 尺寸mm    Dimensions in mm |                |                |                |                |                |                |                |                |    |
|------------|--------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----|
|            | 减速机 Reductors            |                |                |                |                |                |                |                |                |    |
|            | h                        | h <sub>1</sub> | h <sub>2</sub> | h <sub>3</sub> | m <sub>1</sub> | m <sub>2</sub> | n <sub>1</sub> | n <sub>2</sub> | p <sub>2</sub> | s  |
| 5          | 127.5                    | 205            | 190            | 240            | 630            | 360            | 30             | 175            | 270            | 24 |
| 6          | 127.5                    | 205            | 190            | 240            | 710            | 360            | 30             | 220            | 270            | 24 |
| 7          | 150                      | 205            | 165            | 250            | 775            | 430            | 35             | 215            | 330            | 28 |
| 8          | 150                      | 205            | 165            | 250            | 880            | 430            | 35             | 275            | 330            | 28 |
| 9          | 185                      | 275            | 205            | 330            | 920            | 490            | 40             | 260            | 370            | 36 |
| 10         | 185                      | 275            | 205            | 330            | 1020           | 490            | 40             | 310            | 370            | 36 |
| 11         | 215                      | 275            | 240            | 340            | 1100           | 600            | 50             | 295            | 440            | 40 |
| 12         | 215                      | 275            | 240            | 340            | 1255           | 600            | 50             | 380            | 440            | 40 |

| 规格<br>Size | 尺寸mm      Dimensions in mm   |                |                |                              |                |                |                |                |                | 润滑油   Oil                      |                                   | 重量<br>Weight<br>(kg) |
|------------|------------------------------|----------------|----------------|------------------------------|----------------|----------------|----------------|----------------|----------------|--------------------------------|-----------------------------------|----------------------|
|            | 输出轴      Output              |                |                |                              |                |                |                |                |                | 浸油浸润<br>Dip lubrication<br>(l) | 强制润滑<br>Forced lubrication<br>(l) |                      |
|            | B4SV                         |                |                | B4HV                         |                | B4DV           |                |                |                |                                |                                   |                      |
|            | d <sub>2</sub> <sup>1)</sup> | G <sub>2</sub> | l <sub>2</sub> | D <sub>2</sub> <sup>2)</sup> | G <sub>4</sub> | D <sub>3</sub> | D <sub>4</sub> | G <sub>4</sub> | G <sub>5</sub> |                                |                                   |                      |
| 5          | 100                          | 165            | 210            | 95                           | 165            | 100            | 100            | 165            | 240            | 36                             | 15                                | 335                  |
| 6          | 110                          | 165            | 210            | 105                          | 165            | 110            | 110            | 165            | 240            | 40                             | 16                                | 385                  |
| 7          | 120                          | 195            | 210            | 115                          | 195            | 120            | 120            | 195            | 280            | 60                             | 30                                | 555                  |
| 8          | 130                          | 195            | 250            | 125                          | 195            | 130            | 130            | 195            | 285            | 70                             | 35                                | 655                  |
| 9          | 140                          | 235            | 250            | 135                          | 235            | 140            | 145            | 235            | 330            | 110                            | 60                                | 890                  |
| 10         | 160                          | 235            | 300            | 150                          | 235            | 150            | 155            | 235            | 350            | 130                            | 67                                | 1025                 |
| 11         | 170                          | 270            | 300            | 165                          | 270            | 165            | 170            | 270            | 400            | 180                            | 75                                | 1485                 |
| 12         | 180                          | 270            | 300            | 180                          | 270            | 180            | 185            | 270            | 405            | 195                            | 85                                | 1750                 |

直交轴减速机 Bevel-helical Reductors

四级传动 Four Stage

立式安装 Vertical

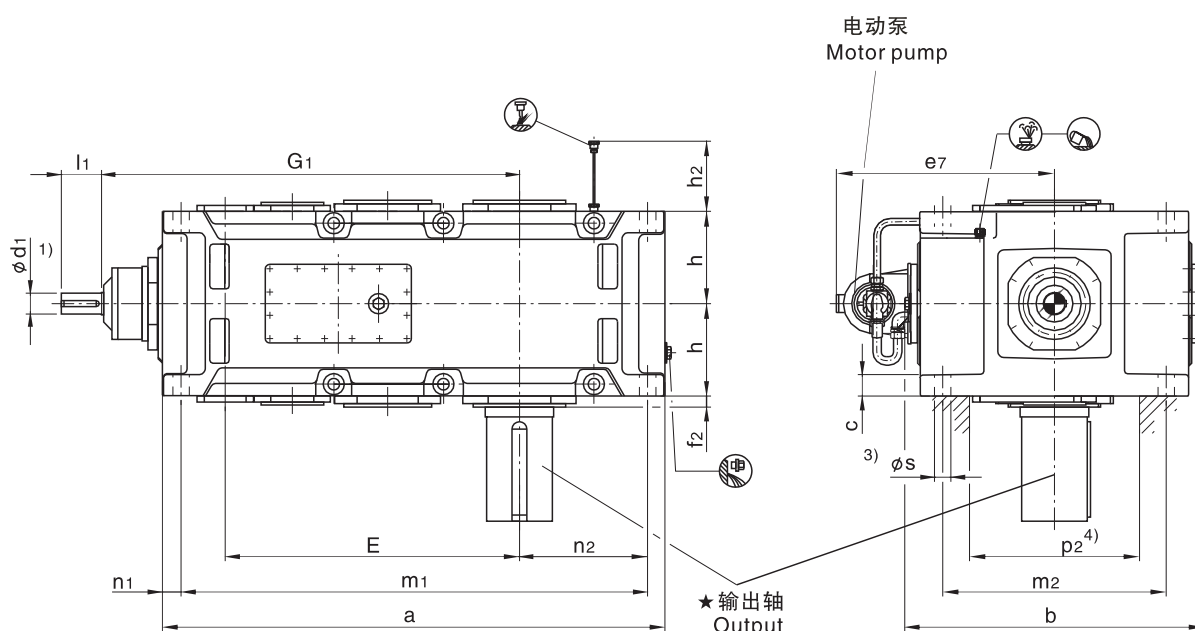
类型 B4.V Type B4.V

规格 13 ...18 Sizes 13 ...18

B4SV B4HV B4DV

采用浸油润滑

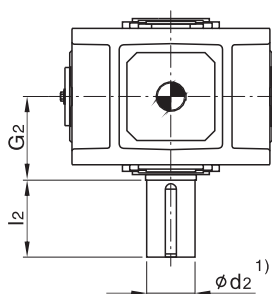
With dip lubrication



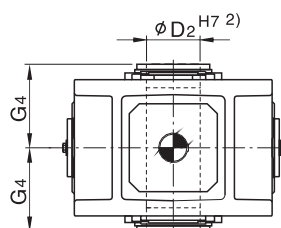
★输出轴 Output

布置形式 Design

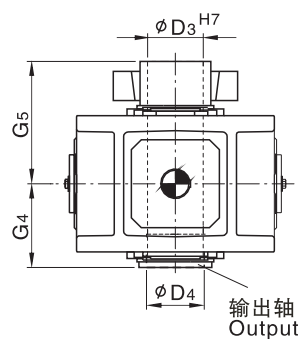
B4SV  
实心轴  
Solid shaft



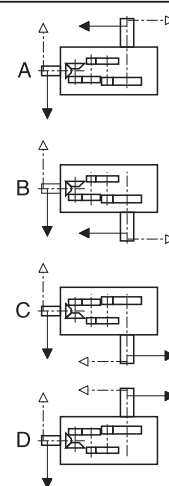
B4HV  
空心轴  
Hollow shaft



B4DV  
带胀紧盘的空心轴  
Hollow shaft for shrink disk



布置形式 A+ D  
Design A+D on request



1)  $k_6 \leq \Phi 50$   $m_6 > \Phi 50$

有关平键 GB/T1095-1979 型和中心孔, 参见第279-280页。For parallel key GB/T1095-1979 and for center hole, see page 279-280.

2) 键槽 GB/T1095-1979 Keyway GB/T1095-1979.

3) 扭力支撑位于工作机侧。Torque support on driven machine side.

4) 有关油泵, 油管和护盖的安装空间及确切尺寸, 请与我们联系。Space for pump, pipes and cover, for exact dimension, please refer to us.

直交轴减速机 Bevel-helical Reductors

立式安装 Vertical

规格 13 ... 18

四级传动

类型 B4.V Type B4.V

Sizes 13 ... 18

Four Stage

| 规格<br>Size | 尺寸 mm    Dimensions in mm    |                |                              |                |                              |                            |                              |                |                              |                |                              |                |                |
|------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|----------------|
|            | 输入轴    Input                 |                |                              |                |                              |                            |                              |                |                              |                |                              |                |                |
|            | i <sub>N</sub> = 80 – 180    |                | i <sub>N</sub> = 90 – 200    |                | i <sub>N</sub> = 100 – 224   |                            | i <sub>N</sub> = 200 – 315   |                | i <sub>N</sub> = 224 – 355   |                | i <sub>N</sub> = 250 – 400   |                | G <sub>1</sub> |
|            | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub>             | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> | d <sub>1</sub> <sup>1)</sup> | l <sub>1</sub> |                |
| 13         | 55                           | 110            |                              |                |                              |                            | 40                           | 100            |                              |                |                              |                | 1170           |
| 14         |                              |                |                              |                | 55                           | 110                        |                              |                |                              |                | 40                           | 100            | 1240           |
| 15         | 70                           | 135            |                              |                |                              |                            | 50                           | 110            |                              |                |                              |                | 1402           |
| 16         |                              |                | 70                           | 135            |                              |                            |                              |                | 50                           | 110            |                              |                | 1448           |
| 17         | 70                           | 135            |                              |                |                              |                            | 50                           | 110            |                              |                |                              |                | 1450           |
| 18         |                              |                | 70                           | 135            |                              |                            |                              |                | 50                           | 110            |                              |                | 1510           |
| 19         |                              |                |                              |                |                              | 根据用户要求供货<br><br>On request |                              |                |                              |                |                              |                |                |
| 20         |                              |                |                              |                |                              |                            |                              |                |                              |                |                              |                |                |
| 21         |                              |                |                              |                |                              |                            |                              |                |                              |                |                              |                |                |
| 22         |                              |                |                              |                |                              |                            |                              |                |                              |                |                              |                |                |

| 规格<br>Size | 尺寸mm      Dimensions in mm |      |        |                |      |                |                            |                |                |                |                |                |                |    |
|------------|----------------------------|------|--------|----------------|------|----------------|----------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----|
|            | 减速机 Reductors              |      |        |                |      |                |                            |                |                |                |                |                |                |    |
|            | a                          | b    | c      | e <sub>7</sub> | E    | f <sub>2</sub> | h                          | h <sub>2</sub> | m <sub>1</sub> | m <sub>2</sub> | n <sub>1</sub> | n <sub>2</sub> | P <sub>2</sub> | s  |
| 13         | 1395                       | 900  | 61 ± 2 | 695            | 820  | 35             | 272.5                      | 300            | 1300           | 680            | 50             | 360            | 500            | 48 |
| 14         | 1535                       | 900  | 61 ± 2 | 695            | 890  | 35             | 272.5                      | 300            | 1440           | 680            | 50             | 430            | 500            | 48 |
| 15         | 1680                       | 980  | 72 ± 2 | 735            | 987  | 42             | 310                        | 340            | 1565           | 750            | 60             | 430            | 570            | 55 |
| 16         | 1770                       | 980  | 72 ± 2 | 735            | 1033 | 42             | 310                        | 340            | 1655           | 750            | 60             | 475            | 570            | 55 |
| 17         | 1770                       | 1110 | 81 ± 2 | 795            | 1035 | 42             | 340                        | 374            | 1640           | 850            | 70             | 465            | 630            | 55 |
| 18         | 1890                       | 1110 | 81 ± 2 | 795            | 1095 | 42             | 340                        | 374            | 1760           | 850            | 70             | 525            | 630            | 55 |
| 19         |                            |      |        |                |      |                | 根据用户要求供货<br><br>On request |                |                |                |                |                |                |    |
| 20         |                            |      |        |                |      |                |                            |                |                |                |                |                |                |    |
| 21         |                            |      |        |                |      |                |                            |                |                |                |                |                |                |    |
| 22         |                            |      |        |                |      |                |                            |                |                |                |                |                |                |    |

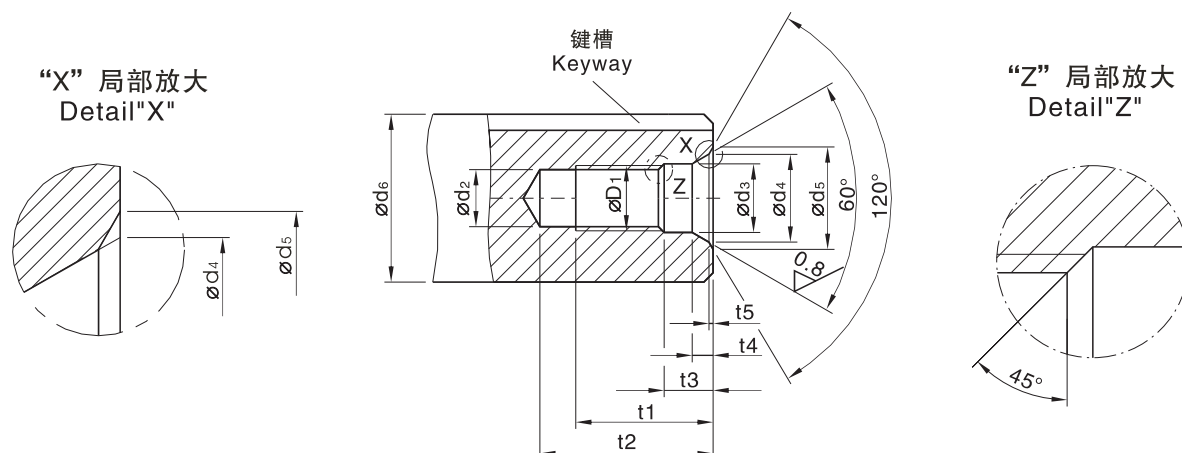
| 规格<br>Size | 尺寸mm      Dimensions in mm   |                |                |                              |                |                        |                |                |                | 润滑油<br>Oil<br>(l) | 重量<br>Weight<br>(kg) |
|------------|------------------------------|----------------|----------------|------------------------------|----------------|------------------------|----------------|----------------|----------------|-------------------|----------------------|
|            | 输出轴      Output              |                |                |                              |                |                        |                |                |                |                   |                      |
|            | B4SV                         |                |                | B4HV                         |                | B4DV                   |                |                |                |                   |                      |
|            | d <sub>2</sub> <sup>1)</sup> | G <sub>2</sub> | l <sub>2</sub> | D <sub>2</sub> <sup>2)</sup> | G <sub>4</sub> | D <sub>3</sub>         | D <sub>4</sub> | G <sub>4</sub> | G <sub>5</sub> |                   |                      |
| 13         | 200                          | 335            | 350            | 190                          | 335            | 190                    | 195            | 335            | 480            | 130               | 2280                 |
| 14         | 210                          | 335            | 350            | 210                          | 335            | 210                    | 215            | 335            | 480            | 150               | 2605                 |
| 15         | 230                          | 380            | 410            | 230                          | 380            | 230                    | 235            | 380            | 550            | 200               | 3435                 |
| 16         | 240                          | 380            | 410            | 240                          | 380            | 240                    | 245            | 380            | 550            | 235               | 3765                 |
| 17         | 250                          | 415            | 410            | 250                          | 415            | 250                    | 260            | 415            | 600            | 215               | 4460                 |
| 18         | 270                          | 415            | 470            | 275                          | 415            | 280                    | 285            | 415            | 600            | 250               | 4930                 |
| 19         |                              |                |                |                              |                | 根据用户要求供货<br>On request |                |                |                |                   |                      |
| 20         |                              |                |                |                              |                |                        |                |                |                |                   |                      |
| 21         |                              |                |                |                              |                |                        |                |                |                |                   |                      |
| 22         |                              |                |                |                              |                |                        |                |                |                |                   |                      |

## 减速机 Reductors

C 型轴端中心孔, 符合 GB145-1985 标准 Centre Holes, Form C in Shaft Ends GB145-1985

C型中心孔 Form C

锥孔, 带一段直孔和护锥沉孔 Tapped hole, with straight running face and counterbore



| 推荐尺寸<br>Recommended<br>diameters |         | C型 From C                |      |      |      |      |      |          |      |      |          |         |         |
|----------------------------------|---------|--------------------------|------|------|------|------|------|----------|------|------|----------|---------|---------|
| d6 <sup>1)</sup>                 |         |                          |      |      |      |      |      |          |      |      |          |         |         |
| 大于<br>above                      | 至<br>to | C 中心孔<br>C-<br>Centering | d1   | d2   | d3   | d4   | d5   | t1<br>+2 | t2   |      | t3<br>+1 | t4<br>≈ | t5<br>≈ |
|                                  |         |                          |      |      |      |      |      |          | min. | max. |          |         |         |
| mm                               |         | mm                       |      |      |      |      |      |          |      |      |          |         |         |
| 16                               | 21      | C 6                      | M6   | 5    | 6.4  | 9.6  | 10.5 | 16       | 20   | 22   | 5        | 2 8     | 0 4     |
| 21                               | 24      | C 8                      | M8   | 6.8  | 8.4  | 12.2 | 13.2 | 19       | 25   | 28   | 6        | 3.3     | 0.4     |
| 24                               | 30      | C 10                     | M10  | 8.5  | 10.5 | 14.9 | 16.3 | 22       | 30   | 34   | 7.5      | 3.8     | 0.6     |
| 30                               | 38      | C 12                     | M12  | 10.2 | 13   | 18.1 | 19.8 | 28       | 37   | 42   | 9.5      | 4.4     | 0.7     |
| 38                               | 50      | C 16                     | M16  | 14   | 17   | 23   | 25.3 | 36       | 45   | 50   | 12       | 5.2     | 1.0     |
| 50                               | 85      | C 20                     | M20  | 17.5 | 21   | 28.4 | 31.3 | 42       | 53   | 59   | 15       | 6.4     | 1.3     |
| 85                               | 130     | C 24                     | M24  | 21   | 25   | 34.2 | 38   | 50       | 63   | 68   | 18       | 8       | 1.6     |
| 130*                             | 225*    | C 30                     | M30* | 26.5 | 31   | 44   | 48   | 60       | 77   | 83   | 17       | 11      | 1.9     |
| 225*                             | 320*    | C 36                     | M36* | 32   | 37   | 55   | 60   | 74       | 93   | 99   | 22       | 15      | 2.3     |
| 220*                             | 500*    | C 42                     | M42* | 37.5 | 43   | 65   | 71   | 84       | 105  | 111  | 26       | 19      | 2.7     |

1) 工件加工后最终尺寸 1) Diameter of the finished work piece

\* ) 不是根据GB145-1985确定的尺寸 \*) Dimensions not acc. to GB145-1985

减速机 Reductors

选择 ISO 配合精度 Selection of ISO fits

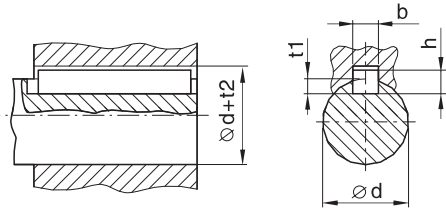
平键和键槽 Parallel keys and keyways

| 选择 ISO 配合精度 Selection of ISO fits                               |                   |               |                        |                       |
|-----------------------------------------------------------------|-------------------|---------------|------------------------|-----------------------|
| 选择 ISO 配合精度<br>Selection of ISO fits                            | 轴 shaft d         |               | 轴公差<br>Shaft tolerance | 孔公差<br>Bore tolerance |
|                                                                 | 大于<br>Above<br>mm | 至<br>To<br>mm |                        |                       |
| 轴公差根据 OMITER 标准确定<br>Shaft tolerance<br>acc. To OMITER standard |                   | 50            | k6                     | H7                    |
|                                                                 | 50                |               | m6                     |                       |

对于重载工件条件，如带载反向回转，建议采用比较紧密的配合，轮毂键槽宽度亦应选择 ISOP9 公差等级。

For heavy-duty operating conditions, e.g. reversing under load, it is recommended that a tighter fit and for the hub keyway width the ISO P9 tolerance is selected.

| 平键 Parallel keys                                                            |                     |               |                                      |                         |                                                    |                                                                            |
|-----------------------------------------------------------------------------|---------------------|---------------|--------------------------------------|-------------------------|----------------------------------------------------|----------------------------------------------------------------------------|
| 平键紧固方式，采用无锥度联接。<br>Drive type fastening without taper action                | 直径<br>Diameter<br>d |               | 宽度1)<br>Width<br>1)<br>b<br>1)<br>mm | 高度<br>Height<br>h<br>mm | 轴键槽深度<br>Depth of key-<br>way in shaft<br>t1<br>mm | 轮毂键槽深度<br>Depth of key-<br>way in hub<br>d + t2<br>GB/T1095-<br>1979<br>mm |
|                                                                             | 大于<br>Above<br>mm   | 至<br>To<br>mm |                                      |                         |                                                    |                                                                            |
| 平键和键槽根据 GB/T1095-1979 标准确定<br>Parallel key and keyway acc. to GB/T1095-1979 | 17                  | 22            | 6                                    | 6                       | 3.5                                                | d +2.8                                                                     |
|                                                                             | 22                  | 30            | 8                                    | 7                       | 4                                                  | d +3.3                                                                     |
|                                                                             | 30                  | 38            | 10                                   | 8                       | 5                                                  | d + 3.3                                                                    |
|                                                                             | 38                  | 44            | 12                                   | 8                       | 5                                                  | d +3.3                                                                     |
|                                                                             | 44                  | 50            | 14                                   | 9                       | 5.5                                                | d +3.8                                                                     |
|                                                                             | 50                  | 58            | 16                                   | 10                      | 6                                                  | d +4.3                                                                     |
|                                                                             | 58                  | 65            | 18                                   | 11                      | 7                                                  | d + 4.4                                                                    |
|                                                                             | 65                  | 75            | 20                                   | 12                      | 7.5                                                | d +4.9                                                                     |
|                                                                             | 75                  | 85            | 22                                   | 14                      | 9                                                  | d +5.4                                                                     |
|                                                                             | 85                  | 95            | 25                                   | 14                      | 9                                                  | d +5.4                                                                     |
|                                                                             | 95                  | 110           | 28                                   | 16                      | 10                                                 | d +6.4                                                                     |
|                                                                             | 110                 | 130           | 32                                   | 18                      | 11                                                 | d +7.4                                                                     |
|                                                                             | 130                 | 150           | 36                                   | 20                      | 12                                                 | d +8.4                                                                     |
|                                                                             | 150                 | 170           | 40                                   | 22                      | 13                                                 | d +9.4                                                                     |
|                                                                             | 170                 | 200           | 45                                   | 25                      | 15                                                 | d +10.4                                                                    |
|                                                                             | 200                 | 230           | 50                                   | 28                      | 17                                                 | d +11.4                                                                    |
|                                                                             | 230                 | 260           | 56                                   | 32                      | 20                                                 | d +12.4                                                                    |
|                                                                             | 260                 | 290           | 63                                   | 32                      | 20                                                 | d +12.4                                                                    |
|                                                                             | 290                 | 330           | 70                                   | 36                      | 22                                                 | d +14.4                                                                    |
|                                                                             | 330                 | 380           | 80                                   | 40                      | 25                                                 | d +15.4                                                                    |
|                                                                             | 380                 | 440           | 90                                   | 45                      | 28                                                 | d +17.4                                                                    |



1) 重载工作条件下轮毂平键键槽宽度 b 的公差带应按 ISOJS9 或 ISOP9 确定。

1) The tolerance zone for the hub keyway width b for parallel keys is ISO JS9, or ISO P9 for heavy-duty operating conditions.





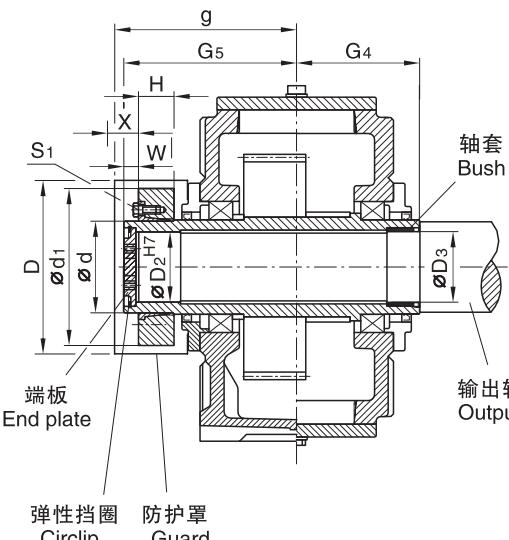
减速机 Reductors

带胀紧盘联接的空心轴 Hollow shafts for shrink disks

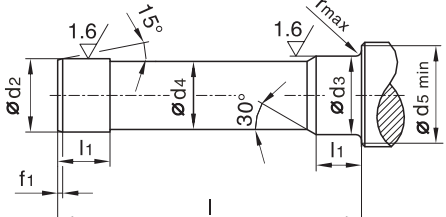
类型 B2D Types B2D

规格 2 ... 18 Sizes 2 ... 18

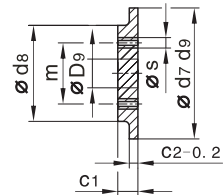
X = 要求预留的力矩扳手空间  
X = Space required for torque wrench



用于胀紧盘联接的工作机驱动轴。  
工作机表面不得沾有机油或润滑脂。  
Driven machine shaft for shrink disk connection. Driven machine shaft must be free of oil or grease.



工作驱动轴的 C 型中孔 (通孔) 由 GB145-1985 确定。  
Driven machine shaft with centre hole form C (tapped hole) acc. to GB145-1985



|                                |                                              | 类型 B2D             |                |                |                |      |                |   |                |                |                 |                |                |     |     |            |                             | Types B2D           |                |                |                |            |                                  |                |     |    |                |             |              |  |  |  |  |
|--------------------------------|----------------------------------------------|--------------------|----------------|----------------|----------------|------|----------------|---|----------------|----------------|-----------------|----------------|----------------|-----|-----|------------|-----------------------------|---------------------|----------------|----------------|----------------|------------|----------------------------------|----------------|-----|----|----------------|-------------|--------------|--|--|--|--|
| 减速机<br>规格<br>Reducers<br>sizes | 工作机驱动轴 <sup>2)</sup><br>Driven machine shaft |                    |                |                |                |      |                |   |                |                | 端板<br>End plate |                |                |     |     |            | 弹性<br>挡圈<br>Ring<br>Circlip | 空心轴<br>Hollow shaft |                |                |                |            | 胀紧盘 <sup>1)</sup><br>Shrink disk |                |     |    |                | 螺钉<br>Screw | 防护罩<br>Guard |  |  |  |  |
|                                | d <sub>2</sub>                               | d <sub>3</sub>     | d <sub>4</sub> | d <sub>5</sub> | f <sub>1</sub> | l    | l <sub>1</sub> | r | c <sub>1</sub> | c <sub>2</sub> | d <sub>7</sub>  | d <sub>8</sub> | D <sub>9</sub> | m   | s   | 数量<br>Qty. | GB89/<br>3.2-86             | D <sub>2</sub>      | D <sub>3</sub> | G <sub>4</sub> | G <sub>5</sub> | 类型<br>Type | d                                | d <sub>1</sub> | H   | W  | s <sub>1</sub> | D           | g            |  |  |  |  |
|                                | mm                                           |                    |                |                |                |      |                |   |                |                |                 |                |                |     |     |            | mm                          |                     |                |                |                |            |                                  |                |     |    |                |             |              |  |  |  |  |
| 2                              | 60 g <sub>6</sub>                            | 60 g <sub>6</sub>  | 59.5           | 70             | 3              | 300  | 36             | 2 | 13             | 6              | 65              | 47             | 22             | 35  | M6  | 2          | 65x2.5                      | 60                  | 60             | 135            | 180            | 80-32      | 80                               | 141            | 31  | 16 | M10            | 180         | 200          |  |  |  |  |
| 3                              | 70 g <sub>6</sub>                            | 70 h <sub>6</sub>  | 69.5           | 80             | 4              | 326  | 38             | 2 | 17             | 7              | 75              | 55             | 22             | 40  | M8  | 2          | 75x2.5                      | 70                  | 70             | 145            | 200            | 90-32      | 90                               | 155            | 38  | 20 | M10            | 200         | 220          |  |  |  |  |
| 4                              | 85 g <sub>6</sub>                            | 85 h <sub>6</sub>  | 84.5           | 95             | 4              | 386  | 48             | 2 | 17             | 7              | 90              | 70             | 22             | 50  | M8  | 2          | 90 x 3                      | 85                  | 85             | 170            | 235            | 110-32     | 110                              | 185            | 49  | 20 | M12            | 235         | 250          |  |  |  |  |
| 5                              | 100 g <sub>6</sub>                           | 100 h <sub>6</sub> | 99.5           | 114            | 5              | 453  | 53             | 2 | 20             | 8              | 105             | 80             | 26             | 55  | M10 | 2          | 105 x 4                     | 100                 | 100            | 200            | 275            | 125-32     | 125                              | 215            | 53  | 20 | M12            | 275         | 285          |  |  |  |  |
| 6                              | 110 g <sub>6</sub>                           | 110 h <sub>6</sub> | 109.5          | 124            | 5              | 453  | 58             | 3 | 20             | 8              | 115             | 85             | 26             | 60  | M10 | 2          | 15 x 4                      | 110                 | 110            | 200            | 275            | 140-32     | 140                              | 230            | 58  | 20 | M14            | 285         | 285          |  |  |  |  |
| 7                              | 120 g <sub>6</sub>                           | 120 h <sub>6</sub> | 119.5          | 134            | 5              | 533  | 68             | 3 | 20             | 8              | 125             | 90             | 26             | 65  | M12 | 2          | 125 x 4                     | 120                 | 120            | 235            | 320            | 155-32     | 155                              | 263            | 62  | 23 | M14            | 330         | 335          |  |  |  |  |
| 8                              | 130 g <sub>6</sub>                           | 130 h <sub>6</sub> | 129.5          | 145            | 6              | 538  | 73             | 3 | 20             | 8              | 135             | 100            | 26             | 70  | M12 | 2          | 135 x 4                     | 130                 | 130            | 235            | 325            | 165-32     | 165                              | 290            | 68  | 23 | M16            | 340         | 340          |  |  |  |  |
| 9                              | 140 g <sub>6</sub>                           | 145 m <sub>6</sub> | 139.5          | 160            | 6              | 609  | 82             | 4 | 23             | 10             | 150             | 110            | 33             | 80  | M12 | 2          | 150 x 4                     | 140                 | 145            | 270            | 365            | 175-32     | 175                              | 300            | 68  | 28 | M16            | 360         | 380          |  |  |  |  |
| 10                             | 150 g <sub>6</sub>                           | 155 m <sub>6</sub> | 149.5          | 170            | 6              | 629  | 92             | 4 | 23             | 10             | 160             | 120            | 33             | 90  | M12 | 2          | 160 x 4                     | 150                 | 155            | 270            | 385            | 200-32     | 200                              | 340            | 85  | 28 | M16            | 395         | 400          |  |  |  |  |
| 11                             | 165 f <sub>6</sub>                           | 170 m <sub>6</sub> | 164.5          | 185            | 7              | 744  | 112            | 4 | 23             | 10             | 175             | 130            | 33             | 90  | M12 | 2          | 175 x 4                     | 165                 | 170            | 320            | 450            | 220-32     | 220                              | 370            | 103 | 30 | M20            | 435         | 470          |  |  |  |  |
| 12                             | 180 f <sub>6</sub>                           | 185 m <sub>6</sub> | 179.5          | 200            | 7              | 749  | 122            | 4 | 23             | 10             | 190             | 140            | 33             | 100 | M16 | 2          | 190 x 4                     | 180                 | 185            | 320            | 455            | 240-32     | 240                              | 405            | 107 | 30 | M20            | 450         | 470          |  |  |  |  |
| 14                             | 210 f <sub>6</sub>                           | 215 m <sub>6</sub> | 209.5          | 233            | 8              | 894  | 147            | 5 | 28             | 14             | 220             | 170            | 33             | 130 | M16 | 2          | 220 x 5                     | 210                 | 215            | 390            | 535            | 280-32     | 280                              | 460            | 132 | 30 | M20            | 525         | 555          |  |  |  |  |
| 16                             | 240 f <sub>6</sub>                           | 245 m <sub>6</sub> | 239.5          | 263            | 8              | 1039 | 157            | 5 | 28             | 14             | 250             | 190            | 39             | 150 | M20 | 2          | 250 x 5                     | 240                 | 245            | 450            | 620            | 320-32     | 320                              | 520            | 140 | 35 | M24            | 595         | 645          |  |  |  |  |
| 18                             | 280 f <sub>6</sub>                           | 285 m <sub>6</sub> | 279.5          | 306            | 9              | 1177 | 177            | 5 | 30             | 14             | 290             | 210            | 39             | 160 | M20 | 2          | 290 x 5                     | 280                 | 285            | 510            | 700            | 360-32     | 360                              | 590            | 162 | 35 | M24            | 635         | 725          |  |  |  |  |

1) 胀紧盘不在我们的供货范围之内。如有需要的话，请另行订货。  
Shrink disk does not belong to our scope of supply. Please order separately, if required.

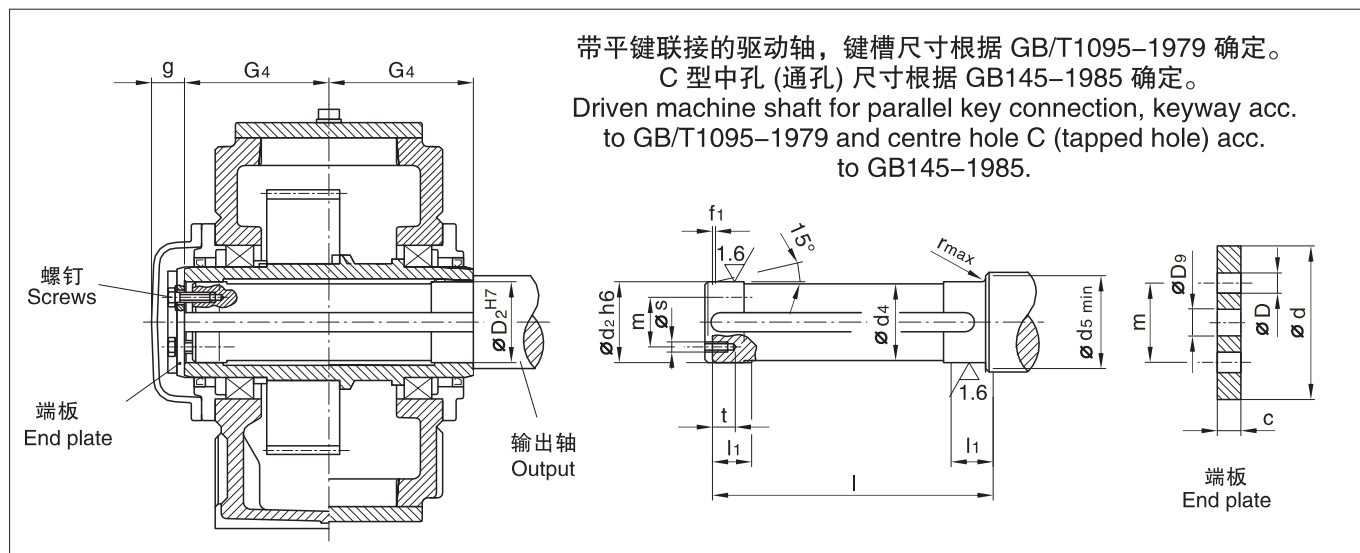
2) 工作机驱动轴材质: 60 或强度更高的钢。根据用户要求，胀紧盘可布置在工作机侧。工作机驱动轴尺寸函索即复。  
Material of driver machine shaft: 60 or higher strength. Shrink disk on machine side on request. Shrink disk is supplied as loose item. Dimensions of machine shaft on request.

## 减速机 Reductors

## 带平键联接的空心轴 Hollow Shafts for Parallel Key Connections

类型 H2, H3, H4, B3, B4 Type H2, H3, H4, B3, B4

规格 3 ...18 Sizes 3 ... 18



| 类型 H2, H3, H4, B3, B4 Type H2, H3, H4, B3, B4 |                                           |       |     |                |     |                |     |      |    |              |      |                |     |     |           |            |                  |     |    |
|-----------------------------------------------|-------------------------------------------|-------|-----|----------------|-----|----------------|-----|------|----|--------------|------|----------------|-----|-----|-----------|------------|------------------|-----|----|
| 减速机<br>类型<br>reduct<br>ors type               | 工作机驱动轴 <sup>1)</sup> Driven machine shaft |       |     |                |     |                |     |      |    | 端板 End plate |      |                |     |     | 螺钉 Screw  |            | 空心轴 Hollow shaft |     |    |
|                                               | d2                                        | d4    | d5  | f <sub>1</sub> | l   | l <sub>1</sub> | r   | s    | t  | c            | D    | D <sub>9</sub> | d   | m   | 规格Size    | 数量<br>Qty. | D2               | G4  | g  |
|                                               | mm                                        |       |     |                |     |                |     |      |    |              |      |                |     |     |           |            | mm               |     |    |
| 3                                             | 65                                        | 64.5  | 73  | 4              | 248 | 30             | 1.2 | M 10 | 18 | 8            | 11   | 18             | 78  | 45  | M 10 x 25 | 2          | 65               | 125 | 35 |
| 4                                             | 80                                        | 79.5  | 88  | 4              | 278 | 35             | 1.2 | M 10 | 18 | 10           | 11   | 22             | 100 | 60  | M 10 x 25 | 2          | 80               | 140 | 35 |
| 5                                             | 95                                        | 94.5  | 105 | 5              | 328 | 40             | 1.6 | M 10 | 18 | 10           | 11   | 26             | 120 | 70  | M 10 x 25 | 2          | 95               | 165 | 40 |
| 6                                             | 105                                       | 104.5 | 116 | 5              | 328 | 45             | 1.6 | M 10 | 18 | 10           | 11   | 26             | 120 | 70  | M 10 x 25 | 2          | 105              | 165 | 40 |
| 7                                             | 115                                       | 114.5 | 126 | 5              | 388 | 50             | 1.6 | M 12 | 20 | 12           | 13.5 | 26             | 140 | 80  | M 12 x 30 | 2          | 115              | 195 | 40 |
| 8                                             | 125                                       | 124.5 | 136 | 6              | 388 | 55             | 2.5 | M 12 | 20 | 12           | 13.5 | 26             | 150 | 85  | M 12 x 30 | 2          | 125              | 195 | 40 |
| 9                                             | 135                                       | 134.5 | 147 | 6              | 467 | 60             | 2.5 | M 12 | 20 | 12           | 13.5 | 33             | 160 | 90  | M 12 x 30 | 2          | 135              | 235 | 45 |
| 10                                            | 150                                       | 149.5 | 162 | 6              | 467 | 65             | 2.5 | M 12 | 20 | 12           | 13.5 | 33             | 185 | 110 | M 12 x 30 | 2          | 150              | 235 | 45 |
| 11                                            | 165                                       | 164.5 | 177 | 7              | 537 | 70             | 2.5 | M 16 | 28 | 15           | 17.5 | 33             | 195 | 120 | M 16 x 40 | 2          | 165              | 270 | 45 |
| 12                                            | 180                                       | 179.5 | 192 | 7              | 537 | 75             | 2.5 | M 16 | 28 | 15           | 17.5 | 33             | 220 | 130 | M 16 x 40 | 2          | 180              | 270 | 45 |
| 13                                            | 190                                       | 189.5 | 206 | 7              | 667 | 80             | 3   | M 16 | 28 | 18           | 17.5 | 33             | 230 | 140 | M 16 x 40 | 2          | 190              | 335 | 45 |
| 14                                            | 210                                       | 209.5 | 226 | 8              | 667 | 85             | 3   | M 16 | 28 | 18           | 17.5 | 33             | 250 | 160 | M 16 x 40 | 2          | 210              | 335 | 45 |
| 15                                            | 230                                       | 229.5 | 248 | 8              | 756 | 100            | 3   | M 20 | 38 | 25           | 22   | 39             | 270 | 180 | M 20 x 55 | 4          | 230              | 380 | 60 |
| 16                                            | 240                                       | 239.5 | 258 | 8              | 756 | 100            | 3   | M 20 | 38 | 25           | 22   | 39             | 280 | 180 | M 20 x 55 | 4          | 240              | 380 | 60 |
| 17                                            | 250                                       | 249.5 | 270 | 8              | 826 | 110            | 4   | M 20 | 38 | 25           | 22   | 39             | 300 | 190 | M 20 x 55 | 4          | 250              | 415 | 60 |
| 18                                            | 275                                       | 274.5 | 295 | 9              | 826 | 120            | 4   | M 20 | 38 | 25           | 22   | 39             | 330 | 210 | M 20 x 55 | 4          | 275              | 415 | 60 |

1) 工作机驱动轴材质：60 或强度更高的钢。平键不在我们的供货范围之内。如果需要的话，请另行订货。

Material of driven machine shaft: 60 or higher strength. Parallel key does not belong to our scope of supply .

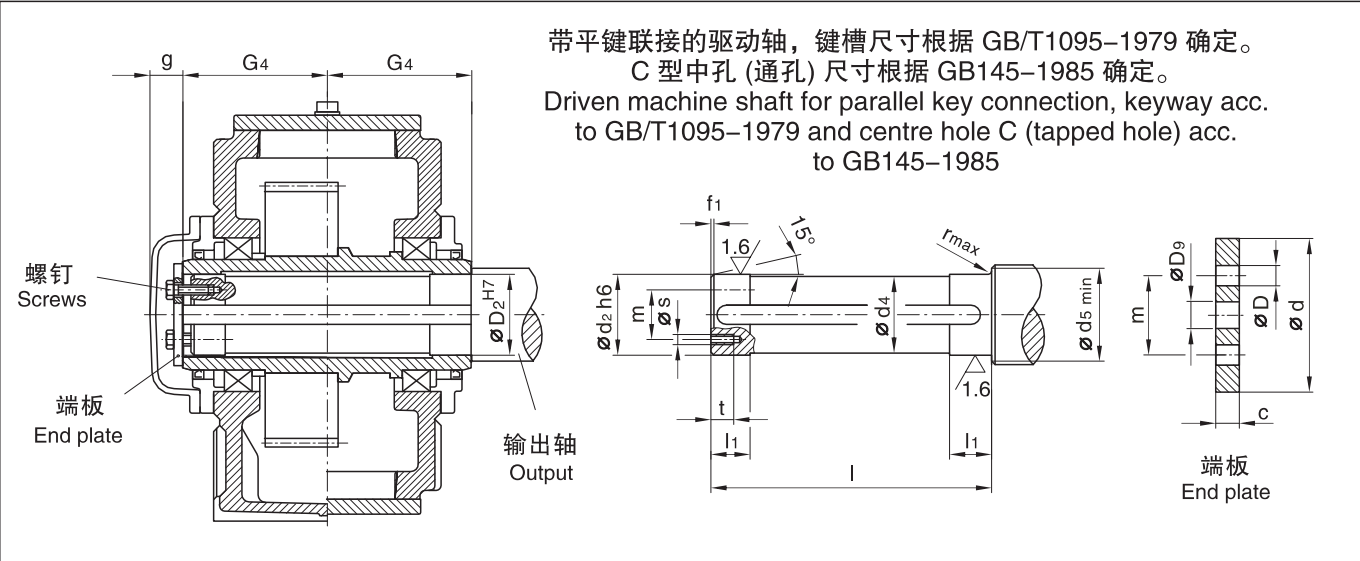
Please order separately, if required.

减速机 Reductors

带平键联接的空心轴 Hollow Shafts for Parallel Key Connections

类型 B2H Types B2H

规格 2 ...18 Sizes 2 ... 18



| 类型 B2H                              |                                              |                |                |                |      |                |     |      |    | Types B2H       |      |                |     |     |             |            |                     |                |    |
|-------------------------------------|----------------------------------------------|----------------|----------------|----------------|------|----------------|-----|------|----|-----------------|------|----------------|-----|-----|-------------|------------|---------------------|----------------|----|
| 减速机<br>类型<br>reduc-<br>tors<br>type | 工作机驱动轴 <sup>1)</sup><br>Driven machine shaft |                |                |                |      |                |     |      |    | 端板<br>End plate |      |                |     |     | 螺钉<br>Screw |            | 空心轴<br>Hollow shaft |                |    |
|                                     | d <sub>2</sub>                               | d <sub>4</sub> | d <sub>5</sub> | f <sub>1</sub> | l    | l <sub>1</sub> | r   | s    | t  | c               | D    | D <sub>9</sub> | d   | m   | 规格<br>Size  | 数量<br>Qty. | D <sub>2</sub>      | G <sub>4</sub> | g  |
|                                     | mm                                           |                |                |                |      |                |     |      |    |                 |      |                |     |     |             |            | mm                  |                |    |
| 2                                   | 55                                           | 54.5           | 63             | 3              | 268  | 30             | 1.2 | M 8  | 15 | 8               | 9    | 18             | 70  | 40  | M 8 x 20    | 2          | 55                  | 135            | 35 |
| 3                                   | 65                                           | 64.5           | 73             | 4              | 288  | 30             | 1.2 | M 10 | 18 | 8               | 11   | 18             | 78  | 45  | M 10 x 25   | 2          | 65                  | 145            | 35 |
| 4                                   | 80                                           | 79.5           | 88             | 4              | 338  | 35             | 1.2 | M 10 | 18 | 10              | 11   | 22             | 100 | 60  | M 10 x 25   | 2          | 80                  | 170            | 35 |
| 5                                   | 95                                           | 94.5           | 105            | 5              | 398  | 40             | 1.6 | M 10 | 18 | 10              | 11   | 26             | 120 | 70  | M 10 x 25   | 2          | 95                  | 200            | 40 |
| 6                                   | 105                                          | 104.5          | 116            | 5              | 398  | 45             | 1.6 | M 10 | 18 | 10              | 11   | 26             | 120 | 70  | M 10 x 25   | 2          | 105                 | 200            | 40 |
| 7                                   | 115                                          | 114.5          | 126            | 5              | 468  | 50             | 1.6 | M 12 | 20 | 12              | 13.5 | 26             | 140 | 80  | M 12 x 30   | 2          | 115                 | 235            | 40 |
| 8                                   | 125                                          | 124.5          | 136            | 6              | 468  | 55             | 2.5 | M 12 | 20 | 12              | 13.5 | 26             | 150 | 85  | M 12 x 30   | 2          | 125                 | 235            | 40 |
| 9                                   | 135                                          | 134.5          | 147            | 6              | 537  | 60             | 2.5 | M 12 | 20 | 12              | 13.5 | 33             | 160 | 90  | M 12 x 30   | 2          | 135                 | 270            | 45 |
| 10                                  | 150                                          | 149.5          | 162            | 6              | 537  | 65             | 2.5 | M 12 | 20 | 12              | 13.5 | 33             | 185 | 110 | M 12 x 30   | 2          | 150                 | 270            | 45 |
| 11                                  | 165                                          | 164.5          | 177            | 7              | 637  | 70             | 2.5 | M 16 | 28 | 15              | 17.5 | 33             | 195 | 120 | M 16 x 40   | 2          | 165                 | 320            | 45 |
| 12                                  | 180                                          | 179.5          | 192            | 7              | 637  | 75             | 2.5 | M 16 | 28 | 15              | 17.5 | 33             | 220 | 130 | M 16 x 40   | 2          | 180                 | 320            | 45 |
| 14                                  | 210                                          | 209.5          | 226            | 8              | 777  | 85             | 3   | M 16 | 28 | 18              | 17.5 | 33             | 250 | 160 | M 16 x 40   | 2          | 210                 | 390            | 45 |
| 16                                  | 240                                          | 239.5          | 258            | 8              | 896  | 100            | 3   | M 20 | 38 | 25              | 22   | 39             | 280 | 180 | M 20 x 55   | 4          | 240                 | 450            | 60 |
| 18                                  | 275                                          | 274.5          | 295            | 9              | 1016 | 120            | 4   | M 20 | 38 | 25              | 22   | 39             | 330 | 210 | M 20 x 55   | 4          | 275                 | 510            | 60 |

1) 工作机驱动轴材质：60 或强度更高的钢。平键不在我们的供货范围之内。如果需要的话，请另行订货。

Material of driven machine shaft: 60 or higher strength. Parallel key does not belong to our scope of supply .Please order separately, if required.

# 平行轴减速机 Helical Reductors 实际速比 Actual Ratios

类型 H1, H2, H3, H4

Type H1, H2, H3, H4

规格 1 ... 13 Sizes 1 ... 13

| 实际速比 i Actual ratios i |                      |   |        |        |        |         |         |         |         |         |         |         |         |
|------------------------|----------------------|---|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| iN                     | 减速机规格 Reductor sizes |   |        |        |        |         |         |         |         |         |         |         |         |
|                        | 1                    | 2 | 3      | 4      | 5      | 6       | 7       | 8       | 9       | 10      | 11      | 12      | 13      |
| 1.25                   | 1.250                |   | 1.243  |        | 1.256  |         | 1.263   |         | 1.270   |         |         |         |         |
| 1.4                    | 1.415                |   | 1.371  |        | 1.378  |         | 1.389   |         | 1.400   |         |         |         |         |
| 1.6                    | 1.605                |   | 1.594  |        | 1.588  |         | 1.606   |         | 1.625   |         | 1.636   |         | 1.588   |
| 1.8                    | 1.829                |   | 1.829  |        | 1.839  |         | 1.774   |         | 1.800   |         | 1.806   |         | 1.839   |
| 2.0                    | 2.000                |   | 2.000  |        | 2.034  |         | 1.966   |         | 2.000   |         | 2.000   |         | 2.034   |
| 2.24                   | 2.194                |   | 2.194  |        | 2.259  |         | 2.308   |         | 2.231   |         | 2.222   |         | 2.259   |
| 2.5                    | 2.536                |   | 2.536  |        | 2.520  |         | 2.583   |         | 2.500   |         | 2.480   |         | 2.520   |
| 2.8                    | 2.808                |   | 2.808  |        | 2.826  |         | 2.800   |         | 2.741   |         | 2.783   |         | 2.826   |
| 3.15                   | 3.125                |   | 3.125  |        | 3.190  |         | 3.130   |         | 3.208   |         | 3.080   |         | 3.208   |
| 3.55                   | 3.500                |   | 3.500  |        | 3.591  |         | 3.524   |         | 3.591   |         | 3.478   |         | 3.591   |
| 4.0                    | 3.950                |   | 3.950  |        | 4.050  |         | 4.000   |         | 4.050   |         | 3.905   |         | 4.050   |
| 4.5                    | 4.476                |   | 4.435  |        | 4.619  |         | 4.400   |         | 4.381   |         | 4.421   |         | 4.619   |
| 5.0                    | 5.053                |   | 4.952  |        | 4.900  |         | 4.905   |         | 4.947   |         | 5.150   |         | 4.900   |
| 5.6                    | 5.571                |   | 5.579  |        | 5.556  |         | 5.526   |         | 5.684   |         | 5.474   |         | 5.556   |
| 6.3                    |                      |   | 6.232  | 6.319  | 6.286  |         | 6.088   |         | 6.260   |         | 6.246   |         | 6.410   |
| 7.1                    |                      |   | 7.099  | 6.857  | 7.213  |         | 7.048   |         | 7.247   |         | 6.900   |         | 7.100   |
| 8.0                    |                      |   | 7.765  | 7.778  | 7.889  | 7.792   | 7.799   | 7.676   | 8.018   | 7.848   | 7.644   | 7.941   | 7.889   |
| 9.0                    |                      |   | 8.516  | 8.485  | 8.652  | 8.940   | 8.660   | 8.887   | 8.904   | 9.085   | 8.974   | 8.772   | 8.799   |
| 10                     |                      |   | 9.845  | 9.722  | 10.002 | 9.778   | 9.660   | 9.833   | 9.932   | 10.053  | 10.046  | 9.718   | 9.861   |
| 11.2                   |                      |   | 10.900 | 10.694 | 11.075 | 10.724  | 10.648  | 10.920  | 11.138  | 11.163  | 10.889  | 11.410  | 10.811  |
| 12.5                   |                      |   | 12.132 | 12.444 | 12.326 | 12.397  | 11.807  | 12.180  | 12.574  | 12.452  | 12.174  | 12.773  | 12.655  |
| 14                     |                      |   | 13.588 | 13.865 | 13.806 | 13.726  | 13.939  | 13.426  | 14.152  | 13.964  | 13.704  | 13.844  | 14.164  |
| 16                     |                      |   | 15.335 | 15.556 | 15.581 | 15.278  | 15.717  | 14.887  | 15.962  | 15.765  | 15.556  | 15.478  | 15.975  |
| 18                     |                      |   | 17.378 | 17.602 | 17.493 | 17.111  | 17.598  | 17.576  | 18.204  | 17.743  | 17.111  | 17.423  | 17.280  |
| 20                     |                      |   | 19.616 | 19.444 | 19.534 | 19.311  | 19.742  | 19.817  | 19.312  | 20.012  | 19.074  | 19.778  | 19.515  |
| 22.4                   |                      |   | 21.630 | 22.037 | 22.006 | 21.681  | 20.982  | 22.189  | 21.895  | 22.824  | 21.491  | 21.756  | 22.020  |
| 25                     |                      |   |        |        | 25.011 | 24.212  | 25.540  | 24.892  | 25.439  | 24.212  | 24.706  | 24.251  | 25.372  |
| 28                     |                      |   |        |        | 28.490 | 27.275  | 27.711  | 26.456  | 29.187  | 27.451  | 28.602  | 27.325  | 29.373  |
| 31.5                   |                      |   |        |        | 31.161 | 30.999  | 31.433  | 32.202  | 31.924  | 31.894  | 31.648  | 31.412  | 32.501  |
| 35.5                   |                      |   |        |        | 34.177 | 35.312  | 34.291  | 34.940  | 35.013  | 36.593  | 35.144  | 36.366  | 36.092  |
| 40                     |                      |   |        |        | 39.508 | 38.622  | 39.292  | 39.633  | 40.474  | 40.024  | 39.200  | 40.238  | 40.257  |
| 45                     |                      |   |        |        | 43.745 | 42.360  | 43.221  | 43.236  | 44.816  | 43.897  | 43.210  | 44.683  | 45.147  |
| 50                     |                      |   |        |        | 48.689 | 48.967  | 50.293  | 49.542  | 49.881  | 50.744  | 47.911  | 49.840  | 50.968  |
| 56                     |                      |   |        |        | 54.532 | 54.220  | 56.033  | 54.496  | 55.866  | 56.187  | 56.566  | 54.938  | 57.365  |
| 63                     |                      |   |        |        | 61.543 | 60.347  | 62.867  | 63.413  | 63.049  | 62.537  | 63.778  | 60.916  | 64.699  |
| 71                     |                      |   |        |        | 69.742 | 67.589  | 71.139  | 70.651  | 70.787  | 70.041  | 71.414  | 71.919  | 73.789  |
| 80                     |                      |   |        |        | 78.723 | 76.279  | 78.583  | 79.267  | 79.049  | 79.046  | 80.111  | 81.089  | 78.278  |
| 90                     |                      |   |        |        | 86.806 | 86.440  | 89.061  | 89.696  | 89.050  | 88.748  | 85.146  | 90.798  | 88.750  |
| 100                    |                      |   |        |        |        | 97.572  | 101.554 | 99.083  | 101.210 | 99.106  | 103.639 | 101.856 | 103.114 |
| 112                    |                      |   |        |        |        | 107.590 | 115.256 | 112.294 | 115.290 | 111.645 | 112.450 | 108.257 | 118.306 |
| 125                    |                      |   |        |        |        |         | 125.733 | 128.046 | 126.098 | 126.890 | 127.556 | 131.769 | 129.398 |
| 140                    |                      |   |        |        |        |         | 143.985 | 145.322 | 138.301 | 144.542 | 139.152 | 142.973 | 141.920 |
| 160                    |                      |   |        |        |        |         | 158.251 | 158.533 | 159.874 | 158.093 | 159.444 | 162.178 | 164.058 |
| 180                    |                      |   |        |        |        |         | 174.630 | 181.546 | 177.022 | 173.392 | 175.389 | 176.921 | 181.654 |
| 200                    |                      |   |        |        |        |         | 193.629 | 199.533 | 197.028 | 200.439 | 204.089 | 202.722 | 202.184 |
| 224                    |                      |   |        |        |        |         | 228.606 | 220.185 | 220.671 | 221.938 | 227.382 | 222.994 | 226.446 |
| 250                    |                      |   |        |        |        |         | 257.753 | 244.141 | 249.043 | 247.020 | 255.111 | 259.484 | 255.560 |
| 280                    |                      |   |        |        |        |         | 288.615 | 288.242 | 282.219 | 276.663 | 288.678 | 289.100 | 286.925 |
| 315                    |                      |   |        |        |        |         | 305.352 | 324.993 | 318.563 | 312.234 | 318.889 | 324.356 | 320.413 |
| 355                    |                      |   |        |        |        |         | 344.112 | 363.906 | 351.273 | 353.827 | 361.407 | 367.034 | 360.951 |
| 400                    |                      |   |        |        |        |         |         | 385.010 |         | 399.393 |         | 405.444 |         |
| 450                    |                      |   |        |        |        |         |         | 433.881 |         | 440.402 |         | 459.504 |         |

平行轴减速机 Helical Reductors

实际速比 Actual Ratios

类型 H1, H2, H3, H4

Type H1, H2, H3, H4

规格 14 ... 26 Sizes 14 ... 26

| 实际速比 i    Actual ratios i |         |         |         |         |         |         |         |         |         |         |         |         | in   |
|---------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|
| 减速机规格    Reductor sizes   |         |         |         |         |         |         |         |         |         |         |         |         |      |
| 14                        | 15      | 16      | 17      | 18      | 19      | 20      | 21      | 22      | 23      | 24      | 25      | 26      |      |
|                           |         |         |         |         |         |         |         |         |         |         |         |         | 1.25 |
|                           |         |         |         |         |         |         |         |         |         |         |         |         | 1.4  |
|                           |         |         |         |         |         |         |         |         |         |         |         |         | 1.6  |
|                           |         |         |         |         |         |         |         |         |         |         |         |         | 1.8  |
|                           | 2.000   |         | 2.000   |         | 1.967   |         |         |         |         |         |         |         | 2.0  |
|                           | 2.231   |         | 2.250   |         | 2.296   |         |         |         |         |         |         |         | 2.24 |
|                           | 2.481   |         | 2.481   |         | 2.560   |         |         |         |         |         |         |         | 2.5  |
|                           | 2.760   |         | 2.760   |         | 2.870   |         |         |         |         |         |         |         | 2.8  |
|                           | 3.087   |         | 3.087   |         | 3.238   |         |         |         |         |         |         |         | 3.15 |
|                           | 3.476   |         | 3.476   |         | 3.450   |         |         |         |         |         |         |         | 3.55 |
|                           | 3.947   |         | 3.947   |         | 3.944   |         |         |         |         |         |         |         | 4.0  |
|                           | 4.579   |         | 4.526   |         | 4.400   |         |         |         |         |         |         |         | 4.5  |
|                           | 5.100   |         | 4.900   |         | 4.950   |         |         |         |         |         |         |         | 5.0  |
|                           | 5.778   |         | 5.556   |         | 5.700   |         |         |         |         |         |         |         | 5.6  |
|                           | 6.449   |         | 6.154   |         | 6.410   |         | 6.500   |         | 6.306   |         | 6.280   |         | 6.3  |
|                           | 7.120   | 7.316   | 7.125   | 7.147   | 7.100   | 7.312   | 7.200   | 7.265   | 7.038   | 7.059   | 6.915   | 7.232   | 7.1  |
| 7.944                     | 7.882   | 8.076   | 7.884   | 8.274   | 7.889   | 8.100   | 8.000   | 8.047   | 7.882   | 7.878   | 7.635   | 7.963   | 8.0  |
| 8.800                     | 8.758   | 8.941   | 8.755   | 9.155   | 8.799   | 9.000   | 8.923   | 8.941   | 8.868   | 8.824   | 8.915   | 8.792   | 9.0  |
| 9.778                     | 9.774   | 9.935   | 9.765   | 10.167  | 9.788   | 10.038  | 9.926   | 9.973   | 9.780   | 9.926   | 9.939   | 10.266  | 10   |
| 10.906                    | 10.967  | 11.087  | 10.951  | 11.340  | 10.887  | 11.167  | 11.040  | 11.094  | 10.878  | 10.948  | 11.141  | 11.445  | 11.2 |
| 12.222                    | 12.139  | 12.440  | 12.432  | 12.717  | 12.176  | 12.420  | 12.348  | 12.339  | 12.166  | 12.176  | 12.571  | 12.829  | 12.5 |
| 13.399                    | 13.708  | 13.769  | 13.915  | 14.438  | 13.712  | 13.891  | 13.905  | 13.801  | 13.700  | 13.619  | 13.394  | 14.476  | 14   |
| 15.685                    | 15.389  | 15.550  | 15.694  | 16.159  | 15.570  | 15.643  | 15.789  | 15.541  | 15.557  | 15.336  | 15.314  | 15.424  | 16   |
| 17.556                    | 17.424  | 17.457  | 17.899  | 18.225  | 18.061  | 17.763  | 18.316  | 17.647  | 17.839  | 17.415  | 17.082  | 17.634  | 18   |
| 19.800                    | 20.297  | 19.765  | 18.988  | 20.786  | 20.117  | 20.605  | 20.400  | 20.471  | 19.312  | 19.969  | 19.218  | 19.671  | 20   |
| 21.418                    | 21.374  | 23.024  | 20.930  | 22.050  | 21.782  | 22.950  | 22.368  | 22.800  | 22.039  | 21.618  | 21.108  | 22.129  | 22.4 |
| 24.187                    | 24.716  | 24.245  | 24.202  | 24.306  | 25.283  | 24.850  | 25.837  | 25.000  | 25.457  | 24.671  | 24.322  | 24.306  | 25   |
| 27.292                    | 27.304  | 28.036  | 26.736  | 28.106  | 28.006  | 28.844  | 28.523  | 28.877  | 28.103  | 28.497  | 28.157  | 28.007  | 28   |
| 31.447                    | 30.248  | 30.971  | 29.619  | 31.048  | 31.117  | 31.950  | 31.579  | 31.879  | 31.115  | 31.459  | 31.156  | 32.424  | 31.5 |
| 36.406                    | 35.514  | 34.311  | 34.776  | 34.397  | 34.708  | 35.500  | 35.088  | 35.294  | 34.572  | 34.830  | 34.598  | 35.876  | 35.5 |
| 40.283                    | 39.756  | 40.284  | 38.929  | 40.385  | 38.897  | 39.596  | 39.158  | 39.216  | 38.582  | 38.700  | 38.591  | 39.840  | 40   |
| 44.733                    | 43.090  | 45.096  | 42.194  | 45.208  | 42.642  | 44.375  | 43.936  | 43.765  | 43.290  | 43.189  | 43.278  | 44.438  | 45   |
| 49.896                    | 48.175  | 48.878  | 47.174  | 49.000  | 49.917  | 48.648  | 48.632  | 49.105  | 47.916  | 48.459  | 49.132  | 49.835  | 50   |
| 55.957                    | 54.229  | 54.647  | 53.102  | 54.783  | 55.870  | 56.948  | 54.920  | 54.353  | 54.112  | 53.638  | 54.990  | 56.576  | 56   |
| 63.171                    | 61.557  | 61.514  | 60.278  | 61.667  | 63.013  | 63.739  | 61.654  | 61.381  | 60.747  | 60.573  | 62.021  | 63.322  | 63   |
| 71.100                    | 67.713  | 69.826  | 66.306  | 70.000  | 68.162  | 71.888  | 69.806  | 68.908  | 68.780  | 68.001  | 70.735  | 71.418  | 71   |
| 80.190                    | 75.481  | 76.809  | 73.912  | 77.000  | 76.974  | 77.762  | 81.316  | 78.019  | 80.120  | 76.992  | 75.037  | 81.452  | 80   |
| 91.457                    | 85.046  | 85.620  | 83.279  | 85.833  | 88.439  | 87.816  | 86.427  | 90.882  | 85.156  | 89.687  | 85.076  | 86.407  | 90   |
| 97.020                    | 97.768  | 96.471  | 95.735  | 96.711  | 100.079 | 100.895 | 99.020  | 96.594  | 97.564  | 95.323  | 100.783 | 97.967  | 100  |
| 110.00                    | 113.186 | 110.901 | 110.833 | 111.176 | 115.862 | 114.174 | 109.386 | 110.670 | 107.778 | 109.214 | 111.637 | 116.054 | 112  |
| 127.803                   | 125.238 | 128.390 | 122.634 | 128.710 | 128.198 | 132.180 | 121.182 | 122.255 | 119.400 | 120.647 | 124.041 | 128.552 | 125  |
| 146.633                   | 139.074 | 142.060 | 136.183 | 142.414 | 142.362 | 146.254 | 142.279 | 135.439 | 140.186 | 133.657 | 138.354 | 142.835 | 140  |
| 160.380                   | 155.125 | 157.756 | 151.900 | 158.148 | 158.792 | 162.413 | 159.273 | 159.017 | 156.931 | 156.925 | 155.051 | 159.316 | 160  |
| 175.901                   | 170.993 | 175.962 | 167.438 | 176.400 | 178.079 | 181.156 | 172.632 | 178.011 | 170.093 | 175.669 | 169.982 | 178.544 | 180  |
| 203.339                   | 189.597 | 193.962 | 185.656 | 194.444 | 201.040 | 203.160 | 193.004 | 192.941 | 190.166 | 190.402 | 198.983 | 195.737 | 200  |
| 225.149                   | 223.845 | 215.065 | 219.192 | 215.600 | 226.272 | 229.355 | 217.257 | 215.711 | 214.062 | 212.872 | 222.710 | 229.132 | 224  |
| 250.594                   | 252.385 | 253.914 | 247.139 | 254.545 | 255.201 | 258.141 | 246.617 | 242.817 | 242.990 | 239.622 | 251.183 | 256.454 | 250  |
| 280.665                   | 282.605 | 286.288 | 276.730 | 287.000 | 291.058 | 291.144 | 271.278 | 275.630 | 267.289 | 272.004 | 271.709 | 289.241 | 280  |
| 316.751                   | 317.021 | 320.566 | 310.431 | 321.364 | 308.761 | 332.052 | 302.399 | 303.193 | 297.952 | 299.204 | 306.839 | 312.877 | 315  |
| 355.625                   | 336.946 | 359.606 | 329.942 | 360.500 | 350.069 | 352.249 | 340.720 | 337.975 | 335.710 | 333.528 | 352.538 | 353.329 | 355  |
| 397.131                   |         | 382.207 |         | 383.158 |         | 399.375 |         | 380.805 |         | 375.794 |         | 405.953 | 400  |
| 447.376                   |         |         |         |         |         |         |         |         |         |         |         |         | 450  |



# 直交轴减速机 Bevel-helical Reductors

实际速比 Actual Ratios

类型 B2, B3, B4 Type B2, B3, B4

规格 1 ... 13 Sizes 1 ... 13

| 实际速比 i Actual ratios i |                      |        |        |        |         |         |         |         |         |         |         |         |         |
|------------------------|----------------------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| in                     | 减速机规格 Reductor sizes |        |        |        |         |         |         |         |         |         |         |         |         |
|                        | 1                    | 2      | 3      | 4      | 5       | 6       | 7       | 8       | 9       | 10      | 11      | 12      | 13      |
| 5.0                    | 4.980                | 5.043  | 4.895  | 4.936  | 5.006   |         | 4.865   |         | 5.002   |         | 4.897   |         | 4.967   |
| 5.6                    | 5.566                | 5.636  | 5.471  | 5.480  | 5.488   |         | 5.333   |         | 5.483   |         | 5.534   |         | 5.613   |
| 6.3                    | 6.455                | 6.526  | 6.334  | 6.296  | 6.386   | 6.205   | 6.206   | 6.135   | 6.381   | 6.271   | 6.296   | 6.226   | 6.386   |
| 7.1                    | 7.068                | 7.158  | 6.947  | 6.959  | 7.058   | 6.802   | 6.860   | 6.725   | 7.053   | 6.875   | 7.037   | 7.036   | 7.138   |
| 8.0                    | 7.668                | 7.765  | 7.536  | 7.549  | 7.657   | 7.915   | 7.880   | 7.825   | 8.101   | 8.000   | 7.994   | 8.005   | 8.108   |
| 9.0                    | 8.829                | 8.941  | 8.678  | 8.693  | 8.817   | 8.749   | 8.569   | 8.649   | 8.810   | 8.842   | 8.693   | 8.947   | 8.817   |
| 10                     | 10.027               | 10.154 | 9.855  | 9.872  | 10.108  | 9.490   | 9.823   | 9.935   | 10.099  | 10.157  | 9.965   | 10.164  | 10.108  |
| 11.2                   | 10.938               | 11.077 | 10.751 | 10.769 | 10.923  | 10.928  | 10.615  | 10.804  | 10.914  | 11.045  | 10.769  | 11.052  | 10.923  |
| 12.5                   | 12.458               | 12.615 | 12.244 | 12.034 | 12.703  | 12.528  | 12.433  | 12.385  | 12.554  | 12.662  | 12.334  | 12.670  | 12.482  |
| 14                     | 14.005               | 14.182 | 13.765 | 13.484 | 13.964  | 13.538  | 13.515  | 13.385  | 14.137  | 13.683  | 13.821  | 13.692  | 13.721  |
| 16                     | 15.441               | 15.636 | 15.176 | 15.601 | 15.835  | 15.826  | 16.275  | 15.773  | 15.952  | 15.693  | 15.522  | 15.888  | 16.354  |
| 18                     | 17.595               | 17.818 | 17.294 | 17.482 | 17.407  | 17.307  | 17.692  | 17.041  | 17.963  | 17.724  | 17.393  | 17.572  | 17.978  |
| 20                     |                      |        | 19.336 | 19.614 | 19.645  | 19.729  | 19.948  | 20.648  | 20.259  | 19.940  | 19.744  | 19.995  | 20.276  |
| 22.4                   |                      |        | 21.609 | 21.919 | 21.954  | 21.575  | 22.146  | 22.308  | 22.208  | 22.520  | 21.643  | 22.114  | 22.226  |
| 25                     |                      |        | 25.021 | 25.380 | 25.421  | 24.349  | 25.446  | 25.152  | 25.843  | 25.400  | 25.185  | 25.103  | 25.864  |
| 28                     |                      |        | 27.442 | 27.836 | 27.881  | 27.211  | 28.125  | 27.923  | 28.563  | 27.842  | 27.836  | 27.517  | 28.587  |
| 31.5                   |                      |        | 29.769 | 30.196 | 30.245  | 31.508  | 30.509  | 32.084  | 30.985  | 32.400  | 31.975  | 32.021  | 32.838  |
| 35.5                   |                      |        | 34.279 | 34.771 | 34.827  | 34.557  | 35.131  | 35.461  | 35.679  | 35.811  | 34.771  | 35.392  | 35.709  |
| 40                     |                      |        | 38.928 | 39.487 | 39.551  | 37.486  | 39.896  | 38.468  | 40.902  | 38.846  | 39.861  | 40.654  | 40.936  |
| 45                     |                      |        | 42.467 | 43.077 | 43.146  | 43.166  | 43.523  | 44.296  | 44.202  | 44.732  | 43.077  | 44.209  | 44.238  |
| 50                     |                      |        | 48.365 | 49.060 | 49.139  | 49.021  | 49.568  | 50.304  | 50.341  | 51.280  | 49.060  | 50.681  | 50.383  |
| 56                     |                      |        | 54.371 | 55.152 | 55.240  | 53.477  | 55.723  | 54.877  | 56.592  | 55.417  | 55.152  | 54.769  | 56.639  |
| 63                     |                      |        | 59.947 | 60.808 | 60.906  | 60.904  | 61.438  | 62.499  | 62.396  | 63.114  | 60.808  | 62.376  | 62.448  |
| 71                     |                      |        | 68.312 | 69.293 | 69.404  | 68.467  | 70.011  | 70.259  | 71.102  | 70.951  | 69.293  | 70.121  | 71.161  |
| 80                     |                      |        |        |        | 77.598  | 75.489  | 79.267  | 77.465  | 79.497  | 78.228  | 80.949  | 77.313  | 82.118  |
| 90                     |                      |        |        |        | 86.720  | 86.022  | 88.585  | 88.274  | 88.842  | 89.143  | 89.869  | 88.101  | 90.016  |
| 100                    |                      |        |        |        | 100.413 | 96.178  | 102.572 | 99.945  | 102.869 | 99.667  | 103.259 | 102.921 | 104.750 |
| 112                    |                      |        |        |        | 110.130 | 107.484 | 112.498 | 111.694 | 112.824 | 111.384 | 114.129 | 114.262 | 115.777 |
| 125                    |                      |        |        |        | 119.466 | 124.455 | 122.035 | 129.330 | 122.389 | 128.971 | 123.804 | 131.287 | 125.592 |
| 140                    |                      |        |        |        | 137.567 | 136.499 | 140.525 | 141.846 | 140.933 | 141.452 | 142.562 | 145.106 | 144.621 |
| 160                    |                      |        |        |        | 156.225 | 148.071 | 159.585 | 153.871 | 160.047 | 153.443 | 161.897 | 157.408 | 165.791 |
| 180                    |                      |        |        |        | 170.427 | 170.506 | 174.092 | 177.184 | 174.597 | 176.692 | 176.615 | 181.258 | 179.166 |
| 200                    |                      |        |        |        | 194.098 | 193.631 | 198.272 | 201.215 | 198.847 | 200.656 | 201.145 | 205.841 | 204.050 |
| 224                    |                      |        |        |        | 218.199 | 211.234 | 222.891 | 219.508 | 223.537 | 218.898 | 226.121 | 224.554 | 229.386 |
| 250                    |                      |        |        |        | 240.578 | 240.572 | 245.752 | 249.995 | 246.464 | 249.300 | 249.313 | 255.742 | 252.913 |
| 280                    |                      |        |        |        | 274.147 | 270.443 | 280.042 | 281.036 | 280.855 | 280.256 | 284.101 | 287.497 | 288.204 |
| 315                    |                      |        |        |        | 302.121 | 298.181 | 308.618 | 309.861 | 309.513 | 309.000 | 313.091 | 316.984 | 317.612 |
| 355                    |                      |        |        |        |         | 339.788 |         | 353.097 |         | 352.116 |         | 361.214 |         |
| 400                    |                      |        |        |        |         | 374.460 |         | 389.127 |         | 388.046 |         | 398.073 |         |
| 450                    |                      |        |        |        |         |         |         |         |         |         |         |         |         |



直交轴减速机 Bevel-helical Reductors

实际速比 Actual Ratios

类型 B2, B3, B4 Type B2, B3, B4

规格14 ... 26 Sizes 14 ... 26

| 实际速比 i Actual ratios i |         |         |         |         |         |         |         |         |         |         |         |         | iN   |
|------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|
| 减速机规格 Reductor sizes   |         |         |         |         |         |         |         |         |         |         |         |         |      |
| 14                     | 15      | 16      | 17      | 18      | 19      | 20      | 21      | 22      | 23      | 24      | 25      | 26      |      |
|                        | 4.963   |         |         |         |         |         |         |         |         |         |         |         | 5.0  |
|                        | 5.609   | 5.630   | 5.514   |         |         |         |         |         |         |         |         |         | 5.6  |
| 6.156                  | 6.340   | 6.362   | 6.234   |         |         |         |         |         |         |         |         |         | 6.3  |
| 6.957                  | 7.132   | 7.192   | 7.012   | 7.239   |         |         |         |         |         |         |         |         | 7.1  |
| 7.915                  | 8.101   | 8.090   | 7.965   | 8.143   |         |         |         |         |         |         |         |         | 8.0  |
| 8.847                  | 8.810   | 9.190   | 8.662   | 9.250   |         |         |         |         |         |         |         |         | 9.0  |
| 10.049                 | 10.099  | 9.993   | 9.930   | 10.059  |         |         |         |         |         |         |         |         | 10   |
| 10.928                 | 10.914  | 11.456  | 10.731  | 11.531  |         |         |         |         |         |         |         |         | 11.2 |
| 12.528                 | 12.172  | 12.380  | 12.770  | 12.462  | 12.062  |         | 12.256  |         |         |         |         |         | 12.5 |
| 13.538                 | 13.810  | 13.832  | 13.790  | 14.654  | 13.709  | 13.698  | 13.902  | 13.719  |         |         |         |         | 14   |
| 15.552                 | 15.215  | 15.665  | 16.226  | 16.014  | 15.192  | 15.640  | 15.436  | 15.538  |         |         |         |         | 16   |
| 17.007                 | 17.262  | 17.290  | 17.522  | 18.620  | 17.267  | 17.252  | 17.510  | 17.279  |         |         |         |         | 18   |
| 20.376                 | 19.379  | 19.581  | 19.762  | 20.348  | 19.607  | 19.698  | 19.883  | 19.570  | 19.591  |         | 19.284  |         | 20   |
| 22.282                 | 21.900  | 21.982  | 22.333  | 22.950  | 22.158  | 22.368  | 22.470  | 22.222  | 22.139  | 21.930  | 21.793  | 22.206  | 22.4 |
| 25.131                 | 24.916  | 24.842  | 25.409  | 25.936  | 25.048  | 25.278  | 25.400  | 25.113  | 25.027  | 24.783  | 24.635  | 25.095  | 25   |
| 27.548                 | 27.847  | 28.263  | 28.398  | 29.507  | 28.175  | 28.576  | 28.571  | 28.389  | 28.151  | 28.015  | 27.711  | 28.368  | 28   |
| 32.057                 | 31.634  | 31.588  | 32.259  | 32.979  | 32.005  | 32.143  | 32.456  | 31.933  | 31.979  | 31.513  | 31.478  | 31.909  | 31.5 |
| 35.432                 | 34.400  | 35.883  | 35.080  | 37.463  | 34.804  | 36.513  | 35.294  | 36.275  | 34.775  | 35.797  | 34.231  | 36.248  | 35.5 |
| 40.700                 | 39.435  | 39.021  | 40.215  | 40.738  | 39.899  | 39.706  | 40.461  | 39.446  | 39.866  | 38.927  | 39.241  | 39.417  | 40   |
| 44.259                 | 42.617  | 44.732  | 43.460  | 46.702  | 43.117  | 45.518  | 43.725  | 45.221  | 43.082  | 44.626  | 42.407  | 45.187  | 45   |
| 50.737                 | 48.536  | 48.341  | 49.496  | 50.469  | 49.106  | 49.190  | 49.798  | 48.869  | 49.065  | 48.226  | 48.297  | 48.833  | 50   |
| 54.831                 | 54.562  | 55.055  | 55.641  | 57.479  | 55.203  | 56.022  | 55.981  | 55.656  | 55.158  | 54.924  | 54.294  | 55.615  | 56   |
| 62.446                 | 60.158  | 61.892  | 61.348  | 64.616  | 60.865  | 62.978  | 61.722  | 62.567  | 60.815  | 61.744  | 59.863  | 62.520  | 63   |
| 70.200                 | 68.553  | 68.239  | 69.909  | 71.243  | 69.358  | 69.438  | 70.335  | 68.984  | 69.301  | 68.076  | 68.216  | 68.933  | 71   |
| 77.400                 | 78.131  | 77.761  | 76.506  | 81.184  | 79.977  | 79.127  | 77.639  | 78.610  | 76.497  | 77.575  | 78.100  | 78.551  | 80   |
| 88.200                 | 85.645  | 88.626  | 83.865  | 88.846  | 87.670  | 91.242  | 87.739  | 86.772  | 86.448  | 85.631  | 88.260  | 89.933  | 90   |
| 101.780                | 99.664  | 97.150  | 97.593  | 97.391  | 102.020 | 100.017 | 99.821  | 98.061  | 98.353  | 96.770  | 100.414 | 101.633 | 100  |
| 111.569                | 110.155 | 113.052 | 107.865 | 113.333 | 112.759 | 116.389 | 111.565 | 111.565 | 109.924 | 110.097 | 112.228 | 115.629 | 112  |
| 129.831                | 126.535 | 124.952 | 123.904 | 125.263 | 129.526 | 128.641 | 126.733 | 124.690 | 124.870 | 123.049 | 127.487 | 129.232 | 125  |
| 143.498                | 137.599 | 143.532 | 134.739 | 143.889 | 140.851 | 147.769 | 137.815 | 141.643 | 135.788 | 139.780 | 138.634 | 146.803 | 140  |
| 155.663                | 157.741 | 156.082 | 154.462 | 156.471 | 161.470 | 160.690 | 157.989 | 154.029 | 155.665 | 152.002 | 158.928 | 159.639 | 160  |
| 179.284                | 170.467 | 178.930 | 166.923 | 179.375 | 174.496 | 184.212 | 170.735 | 176.576 | 168.224 | 174.252 | 171.749 | 183.008 | 180  |
| 205.487                | 194.143 | 193.365 | 190.107 | 193.846 | 198.732 | 199.073 | 194.448 | 190.821 | 191.588 | 188.310 | 195.603 | 197.772 | 200  |
| 222.065                | 218.249 | 220.222 | 213.712 | 220.769 | 223.408 | 226.722 | 218.592 | 217.324 | 215.377 | 214.464 | 219.891 | 225.240 | 224  |
| 252.907                | 240.634 | 247.566 | 235.631 | 248.182 | 246.322 | 254.874 | 241.012 | 244.309 | 237.467 | 241.094 | 242.444 | 253.208 | 250  |
| 284.310                | 274.210 | 272.957 | 268.510 | 273.636 | 280.692 | 281.015 | 274.641 | 269.366 | 270.602 | 265.822 | 276.274 | 279.178 | 280  |
| 313.470                | 302.191 | 311.045 | 295.909 | 311.818 | 309.334 | 320.226 | 302.666 | 306.952 | 298.215 | 302.913 | 304.465 | 318.133 | 315  |
| 357.210                |         | 342.784 |         | 343.636 |         | 352.902 |         | 338.273 |         | 333.823 |         | 350.596 | 355  |
| 393.660                |         |         |         |         |         |         |         |         |         |         |         |         | 400  |
|                        |         |         |         |         |         |         |         |         |         |         |         |         | 450  |

# 平行轴减速机 Helical Reductors

# 转动惯量 J<sub>1</sub> Mass Moments of Inertia J<sub>1</sub>

类型 H1, H2, H3, H4

Type H1, H2, H3, H4

规格 1 ... 13 Sizes 1 ... 13

转动惯量 J<sub>2</sub>( 单位 kgm<sup>2</sup>) 是指相对于减速机输出轴d<sub>2</sub>的转动惯量, 可按下式计算: J<sub>2</sub>= iN<sup>2</sup>XJ<sub>1</sub>。

转动惯量 J ( 单位 kgm<sup>2</sup>) 是指相对于减速机输入轴d<sub>1</sub>的转动惯量, 输入轴不带风扇。

如果输入轴d<sub>1</sub>上带有风扇, 则应加上 J<sub>L</sub>。

The mass moment of inertia J<sub>2</sub> in kgm<sup>2</sup> refers to the output shaft d<sub>2</sub> of a reductor and is calculated with the following formula: J<sub>2</sub> =iN<sup>2</sup>xJ<sub>1</sub>.

The mass moment of inertia J<sub>1</sub> in kgm<sup>2</sup> refers to the input shaft d<sub>1</sub> of a reductor without fan.

For shaft d with fan, J<sub>L</sub> has to be added.

| 转动惯量 J <sub>1</sub> ( 单位 kgm <sup>2</sup> ) 是指相对于减速机输出轴d <sub>1</sub> 的转动惯量 mass moment of inertia J <sub>1</sub> in kgm <sup>2</sup> refering to shaft d <sub>1</sub> |                      |   |         |        |         |         |         |         |         |         |        |        |        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---|---------|--------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
| iN                                                                                                                                                                     | 减速机规格 Reductor sizes |   |         |        |         |         |         |         |         |         |        |        |        |
|                                                                                                                                                                        | 1                    | 2 | 3       | 4      | 5       | 6       | 7       | 8       | 9       | 10      | 11     | 12     | 13     |
| 1.25                                                                                                                                                                   | 0.0048               |   | 0.0285  |        | 0.1570  |         | 0.4228  |         | 0.9271  |         |        |        |        |
| 1.4                                                                                                                                                                    | 0.0042               |   | 0.0259  |        | 0.1432  |         | 0.3849  |         | 0.8413  |         |        |        |        |
| 1.6                                                                                                                                                                    | 0.0037               |   | 0.0244  |        | 0.1249  |         | 0.3345  |         | 0.7272  |         | 1.7511 |        | 3.7389 |
| 1.8                                                                                                                                                                    | 0.0033               |   | 0.0197  |        | 0.1088  |         | 0.3045  |         | 0.6590  |         | 1.5889 |        | 3.2189 |
| 2.0                                                                                                                                                                    | 0.0030               |   | 0.0182  |        | 0.0991  |         | 0.2769  |         | 0.5960  |         | 1.4383 |        | 2.9044 |
| 2.24                                                                                                                                                                   | 0.0028               |   | 0.0167  |        | 0.0901  |         | 0.2390  |         | 0.5376  |         | 1.2975 |        | 2.6113 |
| 2.5                                                                                                                                                                    | 0.0023               |   | 0.0148  |        | 0.0816  |         | 0.2159  |         | 0.4830  |         | 1.1653 |        | 2.3370 |
| 2.8                                                                                                                                                                    | 0.0021               |   | 0.0134  |        | 0.0738  |         | 0.2010  |         | 0.4432  |         | 1.0408 |        | 2.0794 |
| 3.15                                                                                                                                                                   | 0.0015               |   | 0.0092  |        | 0.0500  |         | 0.1402  |         | 0.3105  |         | 0.8423 |        | 1.6719 |
| 3.55                                                                                                                                                                   | 0.0013               |   | 0.0081  |        | 0.0437  |         | 0.1225  |         | 0.2728  |         | 0.7361 |        | 1.4732 |
| 4.0                                                                                                                                                                    | 0.0012               |   | 0.0070  |        | 0.0380  |         | 0.1058  |         | 0.2373  |         | 0.6465 |        | 1.2855 |
| 4.5                                                                                                                                                                    | 0.00087              |   | 0.0052  |        | 0.0297  |         | 0.0861  |         | 0.1996  |         | 0.4956 |        | 0.9652 |
| 5.0                                                                                                                                                                    | 0.00074              |   | 0.0045  |        | 0.0276  |         | 0.0748  |         | 0.1707  |         | 0.4062 |        | 0.8932 |
| 5.6                                                                                                                                                                    | 0.00065              |   | 0.0038  |        | 0.0233  |         | 0.0640  |         | 0.1410  |         | 0.3747 |        | 0.7557 |
| J <sub>L</sub>                                                                                                                                                         |                      |   | 0.060   |        | 0.045   |         | 0.100   |         | 0.100   |         | 0.290  |        | 0.290  |
| 6.3                                                                                                                                                                    |                      |   | 0.0055  | 0.0149 | 0.0329  |         | 0.0907  |         | 0.1995  |         | 0.5118 |        | 1.0873 |
| 7.1                                                                                                                                                                    |                      |   | 0.0046  | 0.0134 | 0.0275  |         | 0.0746  |         | 0.1640  |         | 0.4473 |        | 0.9480 |
| 8.0                                                                                                                                                                    |                      |   | 0.0041  | 0.0114 | 0.0245  | 0.0393  | 0.0655  | 0.1092  | 0.1438  | 0.2364  | 0.3906 | 0.6361 | 0.8255 |
| 9.0                                                                                                                                                                    |                      |   | 0.0037  | 0.0102 | 0.0218  | 0.0323  | 0.0574  | 0.0884  | 0.1260  | 0.1916  | 0.3178 | 0.5491 | 0.7172 |
| 10                                                                                                                                                                     |                      |   | 0.0030  | 0.0086 | 0.0182  | 0.0285  | 0.0500  | 0.0767  | 0.1097  | 0.1664  | 0.2760 | 0.4736 | 0.6211 |
| 11.2                                                                                                                                                                   |                      |   | 0.0026  | 0.0076 | 0.0159  | 0.0252  | 0.0441  | 0.0665  | 0.0940  | 0.1443  | 0.2486 | 0.3780 | 0.5540 |
| 12.5                                                                                                                                                                   |                      |   | 0.0020  | 0.0053 | 0.0116  | 0.0207  | 0.0334  | 0.0574  | 0.0712  | 0.1244  | 0.1899 | 0.3241 | 0.4217 |
| 14                                                                                                                                                                     |                      |   | 0.0017  | 0.0045 | 0.0100  | 0.0179  | 0.0266  | 0.0501  | 0.0604  | 0.1057  | 0.1615 | 0.2895 | 0.3642 |
| 16                                                                                                                                                                     |                      |   | 0.0014  | 0.0038 | 0.0084  | 0.0133  | 0.0224  | 0.0383  | 0.0508  | 0.0804  | 0.1348 | 0.2226 | 0.3117 |
| 18                                                                                                                                                                     |                      |   | 0.0012  | 0.0032 | 0.0071  | 0.0113  | 0.0189  | 0.0302  | 0.0416  | 0.0676  | 0.1162 | 0.1872 | 0.2761 |
| 20                                                                                                                                                                     |                      |   | 0.00099 | 0.0028 | 0.0060  | 0.0094  | 0.0160  | 0.0252  | 0.0382  | 0.0565  | 0.0992 | 0.1549 | 0.2330 |
| 22.4                                                                                                                                                                   |                      |   | 0.00086 | 0.0023 | 0.0050  | 0.0079  | 0.0147  | 0.0211  | 0.0320  | 0.0460  | 0.0833 | 0.1328 |        |
| 25                                                                                                                                                                     |                      |   |         |        |         | 0.0067  |         | 0.0178  |         | 0.0421  |        | 0.1125 |        |
| 28                                                                                                                                                                     |                      |   |         |        |         | 0.0056  |         | 0.0163  |         | 0.0351  |        | 0.0938 |        |
| J <sub>L</sub>                                                                                                                                                         |                      |   |         | 0.006  | 0.010   | 0.010   | 0.045   | 0.045   | 0.045   | 0.045   | 0.100  | 0.100  | 0.290  |
| 22.4                                                                                                                                                                   |                      |   |         |        |         |         |         |         |         |         |        |        | 0.2807 |
| 25                                                                                                                                                                     |                      |   |         |        | 0.0065  |         | 0.0162  |         | 0.0391  |         | 0.1026 |        | 0.2287 |
| 28                                                                                                                                                                     |                      |   |         |        | 0.0054  |         | 0.0144  |         | 0.0325  |         | 0.0833 |        | 0.1866 |
| 31.5                                                                                                                                                                   |                      |   |         |        | 0.0048  | 0.0069  | 0.0121  | 0.0173  | 0.0289  | 0.0414  | 0.0724 | 0.1105 | 0.1629 |
| 35.5                                                                                                                                                                   |                      |   |         |        | 0.0042  | 0.0057  | 0.0107  | 0.0153  | 0.0256  | 0.0342  | 0.0629 | 0.0892 | 0.1421 |
| 40                                                                                                                                                                     |                      |   |         |        | 0.0034  | 0.0050  | 0.0089  | 0.0128  | 0.0215  | 0.0303  | 0.0545 | 0.0773 | 0.1237 |
| 45                                                                                                                                                                     |                      |   |         |        | 0.0030  | 0.0044  | 0.0078  | 0.0113  | 0.0189  | 0.0268  | 0.0481 | 0.0668 | 0.1075 |
| 50                                                                                                                                                                     |                      |   |         |        | 0.0023  | 0.0036  | 0.0057  | 0.0093  | 0.0136  | 0.0223  | 0.0359 | 0.0577 | 0.0762 |
| 56                                                                                                                                                                     |                      |   |         |        | 0.0019  | 0.0031  | 0.0049  | 0.0082  | 0.0117  | 0.0196  | 0.0283 | 0.0507 | 0.0644 |
| 63                                                                                                                                                                     |                      |   |         |        | 0.0016  | 0.0024  | 0.0041  | 0.0060  | 0.0099  | 0.0142  | 0.0238 | 0.0380 | 0.0544 |
| 71                                                                                                                                                                     |                      |   |         |        | 0.0012  | 0.0020  | 0.0032  | 0.0051  | 0.0074  | 0.0121  | 0.0190 | 0.0298 | 0.0420 |
| 80                                                                                                                                                                     |                      |   |         |        | 0.0010  | 0.0017  | 0.0028  | 0.0043  | 0.0062  | 0.0102  | 0.0160 | 0.0250 | 0.0385 |
| 90                                                                                                                                                                     |                      |   |         |        | 0.00087 | 0.0013  | 0.0023  | 0.0034  | 0.0052  | 0.0077  | 0.0145 | 0.0199 | 0.0318 |
| 100                                                                                                                                                                    |                      |   |         |        |         | 0.0011  |         | 0.0029  |         | 0.0065  |        | 0.0167 |        |
| 112                                                                                                                                                                    |                      |   |         |        |         | 0.00090 |         | 0.0024  |         | 0.0054  |        | 0.0152 |        |
| J <sub>L</sub>                                                                                                                                                         |                      |   |         |        | 0.006   | 0.006   | 0.010   | 0.010   | 0.020   | 0.020   | 0.045  | 0.045  | 0.045  |
| 100                                                                                                                                                                    |                      |   |         |        |         |         | 0.0033  |         | 0.0067  |         | 0.0175 |        | 0.0396 |
| 112                                                                                                                                                                    |                      |   |         |        |         |         | 0.0027  |         | 0.0055  |         | 0.0156 |        | 0.0325 |
| 125                                                                                                                                                                    |                      |   |         |        |         |         | 0.0024  | 0.0033  | 0.0049  | 0.0068  | 0.0131 | 0.0179 | 0.0287 |
| 140                                                                                                                                                                    |                      |   |         |        |         |         | 0.0020  | 0.0028  | 0.0043  | 0.0056  | 0.0116 | 0.0160 | 0.0253 |
| 160                                                                                                                                                                    |                      |   |         |        |         |         | 0.0018  | 0.0025  | 0.0035  | 0.0050  | 0.0097 | 0.0134 | 0.0208 |
| 180                                                                                                                                                                    |                      |   |         |        |         |         | 0.0015  | 0.0021  | 0.0030  | 0.0044  | 0.0085 | 0.0119 | 0.0180 |
| 200                                                                                                                                                                    |                      |   |         |        |         |         | 0.0012  | 0.0018  | 0.0023  | 0.0035  | 0.0059 | 0.0099 | 0.0134 |
| 224                                                                                                                                                                    |                      |   |         |        |         |         | 0.00097 | 0.0016  | 0.0019  | 0.0031  | 0.0051 | 0.0086 | 0.0113 |
| 250                                                                                                                                                                    |                      |   |         |        |         |         | 0.00081 | 0.0013  | 0.0016  | 0.0023  | 0.0043 | 0.0061 | 0.0095 |
| 280                                                                                                                                                                    |                      |   |         |        |         |         | 0.00065 | 0.00098 | 0.0013  | 0.0020  | 0.0035 | 0.0052 | 0.0079 |
| 315                                                                                                                                                                    |                      |   |         |        |         |         | 0.00060 | 0.00082 | 0.0011  | 0.0016  | 0.0030 | 0.0043 | 0.0067 |
| 355                                                                                                                                                                    |                      |   |         |        |         |         | 0.00050 | 0.00066 | 0.00096 | 0.0014  | 0.0025 | 0.0036 | 0.0056 |
| 400                                                                                                                                                                    |                      |   |         |        |         |         |         | 0.00060 |         | 0.0011  |        | 0.0031 |        |
| 450                                                                                                                                                                    |                      |   |         |        |         |         |         | 0.00050 |         | 0.00097 |        | 0.0026 |        |

平行轴减速机 Helical Reductors

转动惯量 J<sub>1</sub> Mass Moments of Inertia J<sub>1</sub>

类型 H1, H2, H3, H4

Type H1, H2, H3, H4

规格 14 ... 26

Sizes 14 ... 26

转动惯量 J<sub>2</sub>( 单位 kgm<sup>2</sup>) 是指相对于减速机输出轴d<sub>2</sub>的转动惯量，可按下式计算：J<sub>2</sub>= i<sup>2</sup>XJ<sub>1</sub>。

转动惯量 J ( 单位 kgm<sup>2</sup>) 是指相对于减速机输入轴d<sub>1</sub>的转动惯量，输入轴不带风扇。

如果输入轴d<sub>1</sub>上带有风扇，则应加上 J<sub>L</sub>。

The mass moment of inertia J<sub>2</sub> in kgm<sup>2</sup> refers to the output shaft d<sub>2</sub> of a reductor and is calculated with the following formula: J<sub>2</sub> =i<sup>2</sup>xJ<sub>1</sub>.

The mass moment of inertia J<sub>1</sub> in kgm<sup>2</sup> refers to the input shaft d<sub>1</sub> of a reductor without fan.

For shaft d with fan, J<sub>L</sub> has to be added.

| 转动惯量 J <sub>1</sub> ( 单位 kgm <sup>2</sup> ) 是指相对于减速机输出轴d <sub>1</sub> 的转动惯量  mass moment of inertia J <sub>1</sub> in kgm <sup>2</sup> referring to shaft d <sub>1</sub> |        |        |         |        |         |         |         |         |       |       |       |       |                | in |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|---------|--------|---------|---------|---------|---------|-------|-------|-------|-------|----------------|----|
| 减速机规格 Reductor sizes                                                                                                                                                     |        |        |         |        |         |         |         |         |       |       |       |       |                |    |
| 14                                                                                                                                                                       | 15     | 16     | 17      | 18     | 19      | 20      | 21      | 22      | 23    | 24    | 25    | 26    |                |    |
|                                                                                                                                                                          |        |        |         |        |         |         |         |         |       |       |       |       | 1.25           |    |
|                                                                                                                                                                          |        |        |         |        |         |         |         |         |       |       |       |       | 1.4            |    |
|                                                                                                                                                                          |        |        |         |        |         |         |         |         |       |       |       |       | 1.6            |    |
|                                                                                                                                                                          |        |        |         |        |         |         |         |         |       |       |       |       | 1.8            |    |
|                                                                                                                                                                          | 6.8655 |        | 11.6548 |        | 21.8584 |         |         |         |       |       |       |       | 2.0            |    |
|                                                                                                                                                                          | 6.1491 |        | 10.3549 |        | 18.6492 |         |         |         |       |       |       |       | 2.24           |    |
|                                                                                                                                                                          | 5.5216 |        | 9.3831  |        | 16.6673 |         |         |         |       |       |       |       | 2.5            |    |
|                                                                                                                                                                          | 4.9573 |        | 8.4273  |        | 14.7965 |         |         |         |       |       |       |       | 2.8            |    |
|                                                                                                                                                                          | 3.9096 |        | 6.7095  |        | 11.9834 |         |         |         |       |       |       |       | 3.15           |    |
|                                                                                                                                                                          | 3.4057 |        | 5.8542  |        | 11.1368 |         |         |         |       |       |       |       | 3.55           |    |
|                                                                                                                                                                          | 2.9306 |        | 5.0470  |        | 9.5179  |         |         |         |       |       |       |       | 4.0            |    |
|                                                                                                                                                                          | 2.3019 |        | 4.0029  |        | 7.8709  |         |         |         |       |       |       |       | 4.5            |    |
|                                                                                                                                                                          | 1.9601 |        | 3.5545  |        | 6.6571  |         |         |         |       |       |       |       | 5.0            |    |
|                                                                                                                                                                          | 1.6568 |        | 3.0066  |        | 5.5019  |         |         |         |       |       |       |       | 5.6            |    |
|                                                                                                                                                                          | 0.690  |        | 0.690   |        | 0.690   |         |         |         |       |       |       |       | J <sub>L</sub> |    |
|                                                                                                                                                                          | 2.6799 |        | 5.2845  |        | 10.5289 |         |         |         |       |       |       |       | 6.3            |    |
|                                                                                                                                                                          | 2.3538 | 2.8931 | 4.3679  | 5.7591 | 9.2492  | 11.3721 | 12.2959 |         |       |       |       |       | 7.1            |    |
| 1.2839                                                                                                                                                                   | 2.0651 | 2.5287 | 3.8397  | 4.7220 | 8.1117  | 9.9364  | 10.7071 | 13.2150 |       |       |       |       | 8.0            |    |
| 1.1082                                                                                                                                                                   | 1.8080 | 2.2077 | 3.3666  | 4.1290 | 7.0946  | 8.6683  | 9.3069  | 11.4516 |       |       |       |       | 9.0            |    |
| 0.9553                                                                                                                                                                   | 1.5782 | 1.9236 | 2.9408  | 3.6012 | 6.2359  | 7.5421  | 8.1419  | 9.9054  | 13.82 |       |       |       | 10             |    |
| 0.8216                                                                                                                                                                   | 1.3718 | 1.6710 | 2.5560  | 3.1293 | 5.4896  | 6.5975  | 7.1415  | 8.6256  | 12.15 | 14.70 |       |       | 11.2           |    |
| 0.7041                                                                                                                                                                   | 1.1198 | 1.4455 | 2.0404  | 2.7059 | 4.4208  | 5.7819  | 5.6707  | 7.5325  | 9.45  | 12.87 |       |       | 12.5           |    |
| 0.6231                                                                                                                                                                   | 0.9578 | 1.1799 | 1.7645  | 2.1567 | 3.7953  | 4.6544  | 4.8559  | 5.9832  | 8.09  | 10.02 | 15.28 |       | 14             |    |
| 0.4721                                                                                                                                                                   | 0.8265 | 1.0050 | 1.5114  | 1.8573 | 3.2226  | 3.9795  | 4.1218  | 5.1024  | 6.86  | 8.54  | 12.83 | 16.31 | 16             |    |
| 0.4044                                                                                                                                                                   | 0.6730 | 0.8639 | 1.2153  | 1.5843 | 2.5603  | 3.3655  | 3.2191  | 4.3129  | 5.49  | 7.20  | 10.74 | 13.62 | 18             |    |
| 0.3434                                                                                                                                                                   | 0.5438 | 0.7022 | 1.1227  | 1.2714 | 2.2165  | 2.6665  | 2.7632  | 3.3611  | 4.90  | 5.75  | 8.99  | 11.37 | 20             |    |
| 0.3032                                                                                                                                                                   |        | 0.5653 |         | 1.1726 |         | 2.3021  |         | 2.8777  |       | 5.12  |       | 9.49  | 22.4           |    |
| 0.2542                                                                                                                                                                   |        |        |         |        |         |         |         |         |       |       |       |       | 25             |    |
|                                                                                                                                                                          |        |        |         |        |         |         |         |         |       |       |       |       | 28             |    |
| 0.290                                                                                                                                                                    | 0.290  | 0.290  | 0.690   | 0.690  | 0.690   | 0.690   | 0.690   | 0.690   | 0.690 | 0.690 | 0.690 | 0.690 | J <sub>L</sub> |    |
|                                                                                                                                                                          | 0.7409 |        | 0.8137  |        | 1.6434  |         | 3.7138  |         | 5.010 |       | 10.05 |       | 22.4           |    |
|                                                                                                                                                                          | 0.6011 | 0.7603 | 0.6552  | 0.8546 | 1.3216  | 1.7165  | 3.0172  | 3.8090  | 3.991 | 5.183 | 8.05  | 10.46 | 25             |    |
| 0.2974                                                                                                                                                                   | 0.5232 | 0.6156 | 0.5669  | 0.6857 | 1.1429  | 1.3759  | 2.6255  | 3.0886  | 3.426 | 4.121 | 6.43  | 8.36  | 28             |    |
| 0.2413                                                                                                                                                                   | 0.4553 | 0.5351 | 0.4909  | 0.5920 | 0.9874  | 1.1871  | 2.2815  | 2.6841  | 2.937 | 3.533 | 5.53  | 6.66  | 31.5           |    |
| 0.1960                                                                                                                                                                   | 0.3689 | 0.4650 | 0.3943  | 0.5113 | 0.8515  | 1.0232  | 1.9780  | 2.3293  | 2.511 | 3.024 | 4.74  | 5.72  | 35.5           |    |
| 0.1705                                                                                                                                                                   | 0.3198 | 0.3759 | 0.3398  | 0.4091 | 0.7323  | 0.8803  | 1.7091  | 2.0167  | 2.139 | 2.581 | 4.04  | 4.89  | 40             |    |
| 0.1483                                                                                                                                                                   | 0.2896 | 0.3254 | 0.3064  | 0.3516 | 0.6501  | 0.7552  | 1.4696  | 1.7402  | 1.813 | 2.195 | 3.44  | 4.17  | 45             |    |
| 0.1287                                                                                                                                                                   | 0.2106 | 0.2944 | 0.2241  | 0.3165 | 0.4647  | 0.6692  | 1.1988  | 1.4943  | 1.477 | 1.858 | 2.73  | 3.53  | 50             |    |
| 0.1114                                                                                                                                                                   | 0.1782 | 0.2145 | 0.1886  | 0.2322 | 0.3961  | 0.4786  | 1.0146  | 1.2189  | 1.234 | 1.514 | 2.32  | 2.80  | 56             |    |
| 0.0793                                                                                                                                                                   | 0.1491 | 0.1812 | 0.1569  | 0.1949 | 0.3344  | 0.4073  | 0.8665  | 1.0304  | 1.042 | 1.263 | 1.95  | 2.38  | 63             |    |
| 0.0669                                                                                                                                                                   | 0.1216 | 0.1515 | 0.1289  | 0.1619 | 0.2818  | 0.3431  | 0.6700  | 0.8790  | 0.803 | 1.065 | 1.48  | 2.00  | 71             |    |
| 0.0564                                                                                                                                                                   | 0.1034 | 0.1235 | 0.1093  | 0.1330 | 0.2352  | 0.2893  | 0.5346  | 0.6798  | 0.633 | 0.821 | 1.35  | 1.51  | 80             |    |
| 0.0435                                                                                                                                                                   | 0.0865 | 0.1050 | 0.0911  | 0.1126 | 0.1898  | 0.2410  | 0.4883  | 0.5418  | 0.575 | 0.646 | 1.11  | 1.38  | 90             |    |
| 0.0398                                                                                                                                                                   |        | 0.0877 |         | 0.0937 |         | 0.1943  |         | 0.4946  |       | 0.587 |       | 1.13  | 100            |    |
| 0.0329                                                                                                                                                                   |        |        |         |        |         |         |         |         |       |       |       |       | 112            |    |
| 0.045                                                                                                                                                                    | 0.100  | 0.100  | 0.100   | 0.100  |         |         |         |         |       |       |       |       | J <sub>L</sub> |    |
|                                                                                                                                                                          | 0.1080 |        | 0.1130  |        | 0.2401  |         | 0.6098  |         | 0.679 |       | 1.344 |       | 100            |    |
|                                                                                                                                                                          | 0.0875 | 0.1089 | 0.0916  | 0.1149 | 0.1936  | 0.2436  | 0.5276  | 0.6147  | 0.582 | 0.688 | 1.158 | 1.363 | 112            |    |
| 0.0403                                                                                                                                                                   | 0.0760 | 0.0881 | 0.0796  | 0.0930 | 0.1681  | 0.1962  | 0.4561  | 0.5316  | 0.501 | 0.590 | 0.995 | 1.172 | 125            |    |
| 0.0331                                                                                                                                                                   | 0.0660 | 0.0766 | 0.0691  | 0.0808 | 0.1457  | 0.1702  | 0.3653  | 0.4594  | 0.398 | 0.507 | 0.854 | 1.007 | 140            |    |
| 0.0292                                                                                                                                                                   | 0.0570 | 0.0664 | 0.0598  | 0.0701 | 0.1254  | 0.1474  | 0.3140  | 0.3677  | 0.340 | 0.403 | 0.730 | 0.863 | 160            |    |
| 0.0258                                                                                                                                                                   | 0.0498 | 0.0573 | 0.0524  | 0.0606 | 0.1065  | 0.1268  | 0.2809  | 0.3158  | 0.303 | 0.344 | 0.644 | 0.737 | 180            |    |
| 0.0211                                                                                                                                                                   | 0.0380 | 0.0501 | 0.0393  | 0.0530 | 0.0811  | 0.1076  | 0.2157  | 0.2825  | 0.233 | 0.306 | 0.488 | 0.651 | 200            |    |
| 0.0183                                                                                                                                                                   | 0.0299 | 0.0382 | 0.0310  | 0.0398 | 0.0681  | 0.0820  | 0.1819  | 0.2170  | 0.196 | 0.236 | 0.417 | 0.492 | 224            |    |
| 0.0136                                                                                                                                                                   | 0.0250 | 0.0301 | 0.0259  | 0.0314 | 0.0569  | 0.0688  | 0.1506  | 0.1829  | 0.162 | 0.198 | 0.353 | 0.421 | 250            |    |
| 0.0115                                                                                                                                                                   | 0.0210 | 0.0251 | 0.0218  | 0.0262 | 0.0463  | 0.0574  | 0.1297  | 0.1514  | 0.138 | 0.163 | 0.311 | 0.356 | 280            |    |
| 0.0096                                                                                                                                                                   | 0.0177 | 0.0211 | 0.0184  | 0.0221 | 0.0424  | 0.0467  | 0.1097  | 0.1299  | 0.117 | 0.139 | 0.261 | 0.314 | 315            |    |
| 0.0080                                                                                                                                                                   | 0.0162 | 0.0177 | 0.0169  | 0.0186 | 0.0363  | 0.0427  | 0.0916  | 0.1103  | 0.097 | 0.118 | 0.212 | 0.263 | 355            |    |
| 0.0068                                                                                                                                                                   |        | 0.0162 |         | 0.0170 |         | 0.0366  |         | 0.0920  |       | 0.098 |       | 0.213 | 400            |    |
| 0.0056                                                                                                                                                                   |        |        |         |        |         |         |         |         |       |       |       |       | 450            |    |

# 直交轴减速机 Bevel-helical Reductors

# 转动惯量 J<sub>1</sub> Mass Moments of Inertia J<sub>1</sub>

类型 B2, B3, B4 Type B2, B3, B4

规格 1 ... 13 Sizes 1 ... 13

转动惯量 J<sub>2</sub> (单位 kgm<sup>2</sup>) 是指相对于减速机输出轴d<sub>2</sub>的转动惯量, 可按下式计算:  $J_2 = i n^2 \times J_1$ 。

转动惯量 J (单位 kgm<sup>2</sup>) 是指相对于减速机输入轴d<sub>1</sub>的转动惯量, 输入轴不带风扇。

如果输入轴d<sub>1</sub>上带有风扇, 则应加上 J<sub>L</sub>。

The mass moment of inertia J<sub>2</sub> in kgm<sup>2</sup> refers to the output shaft d<sub>2</sub> of a reductor and is calculated with the following formula:  $J_2 = i n^2 \times J_1$ .

The mass moment of inertia J<sub>1</sub> in kgm<sup>2</sup> refers to the input shaft d<sub>1</sub> of a reductor without fan.

For shaft d with fan, J<sub>L</sub> has to be added.

| 转动惯量 J <sub>1</sub> (单位 kgm <sup>2</sup> ) 是指相对于减速机输出轴d <sub>1</sub> 的转动惯量 mass moment of inertia J <sub>1</sub> in kgm <sup>2</sup> refering to shaft d <sub>1</sub> |                      |         |         |         |         |         |         |         |        |        |        |        |        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|
| in                                                                                                                                                                    | 减速机规格 Reductor sizes |         |         |         |         |         |         |         |        |        |        |        |        |
|                                                                                                                                                                       | 1                    | 2       | 3       | 4       | 5       | 6       | 7       | 8       | 9      | 10     | 11     | 12     | 13     |
| 5.0                                                                                                                                                                   | 0.0021               | 0.0049  | 0.0314  | 0.0314  | 0.0707  |         | 0.1988  |         | 0.4403 |        | 1.2743 |        | 2.7700 |
| 5.6                                                                                                                                                                   | 0.0019               | 0.0043  | 0.0096  | 0.0262  | 0.0604  |         | 0.1691  |         | 0.3744 |        | 1.0697 |        | 2.3418 |
| 6.3                                                                                                                                                                   | 0.0016               | 0.0035  | 0.0076  | 0.0228  | 0.0495  | 0.0805  | 0.1365  | 0.2276  | 0.2988 | 0.4986 | 0.8428 | 1.4755 | 1.8526 |
| 7.1                                                                                                                                                                   | 0.0014               | 0.0033  | 0.0071  | 0.0197  | 0.0420  | 0.0687  | 0.1207  | 0.1931  | 0.2543 | 0.4229 | 0.7257 | 1.2273 | 1.6222 |
| 8.0                                                                                                                                                                   | 0.0012               | 0.0027  | 0.0057  | 0.0152  | 0.0321  | 0.0555  | 0.0875  | 0.1542  | 0.1874 | 0.3346 | 0.5250 | 0.9645 | 1.1744 |
| 9.0                                                                                                                                                                   | 0.0010               | 0.0023  | 0.0052  | 0.0129  | 0.0295  | 0.0470  | 0.0786  | 0.1352  | 0.1709 | 0.2837 | 0.4753 | 0.8231 | 1.0617 |
| 10                                                                                                                                                                    | 0.00084              | 0.0018  | 0.0039  | 0.0104  | 0.0250  | 0.0363  | 0.0681  | 0.0985  | 0.1456 | 0.2097 | 0.4072 | 0.6005 | 0.9214 |
| 11.2                                                                                                                                                                  | 0.00079              | 0.0017  | 0.0037  | 0.0093  | 0.0214  | 0.0327  | 0.0590  | 0.0879  | 0.1241 | 0.1897 | 0.3493 | 0.5392 | 0.7959 |
| 12.5                                                                                                                                                                  | 0.00054              | 0.0012  | 0.0028  |         |         | 0.0274  |         | 0.0752  |        | 0.1599 |        | 0.4557 |        |
| 14                                                                                                                                                                    | 0.00043              | 0.00098 | 0.0023  |         |         | 0.0235  |         | 0.0650  |        | 0.1363 |        | 0.3909 |        |
| 16                                                                                                                                                                    | 0.00040              | 0.00082 | 0.0019  |         |         |         |         |         |        |        |        |        |        |
| 18                                                                                                                                                                    | 0.00031              | 0.00063 | 0.0015  |         |         |         |         |         |        |        |        |        |        |
| J <sub>L</sub>                                                                                                                                                        | 0.005                | 0.006   | 0.010   | 0.020   | 0.045   | 0.045   | 0.100   | 0.100   | 0.100  | 0.100  | 0.290  | 0.290  | 0.690  |
| 12.5                                                                                                                                                                  |                      |         |         | 0.0073  | 0.0159  |         | 0.0445  |         | 0.0995 |        | 0.2740 |        | 0.6152 |
| 14                                                                                                                                                                    |                      |         |         | 0.0071  | 0.0156  |         | 0.0436  |         | 0.0967 |        | 0.2671 |        | 0.6026 |
| 16                                                                                                                                                                    |                      |         |         | 0.0060  | 0.0136  | 0.0174  | 0.0368  | 0.0487  | 0.0842 | 0.1084 | 0.2344 | 0.3029 | 0.5141 |
| 18                                                                                                                                                                    |                      |         |         | 0.0059  | 0.0133  | 0.0168  | 0.0363  | 0.0474  | 0.0825 | 0.1040 | 0.2300 | 0.2925 | 0.5068 |
| 20                                                                                                                                                                    |                      |         | 0.0023  | 0.0055  | 0.0124  | 0.0145  | 0.0339  | 0.0393  | 0.0770 | 0.0897 | 0.2146 | 0.2527 | 0.4742 |
| 22.4                                                                                                                                                                  |                      |         | 0.0021  | 0.0047  | 0.0105  | 0.0141  | 0.0282  | 0.0385  | 0.0657 | 0.0870 | 0.1822 | 0.2461 | 0.4026 |
| 25                                                                                                                                                                    |                      |         | 0.0017  | 0.0039  | 0.0083  | 0.0130  | 0.0243  | 0.0356  | 0.0534 | 0.0805 | 0.1462 | 0.2270 | 0.3196 |
| 28                                                                                                                                                                    |                      |         | 0.0015  | 0.0036  | 0.0077  | 0.0111  | 0.0209  | 0.0296  | 0.0452 | 0.0687 | 0.1286 | 0.1926 | 0.2714 |
| 31.5                                                                                                                                                                  |                      |         | 0.0013  | 0.0029  | 0.0062  | 0.0087  | 0.0162  | 0.0253  | 0.0348 | 0.0555 | 0.0936 | 0.1539 | 0.2004 |
| 35.5                                                                                                                                                                  |                      |         | 0.0011  | 0.0024  | 0.0055  | 0.0080  | 0.0137  | 0.0218  | 0.0315 | 0.0470 | 0.0837 | 0.1349 | 0.1819 |
| 40                                                                                                                                                                    |                      |         | 0.00089 | 0.0019  | 0.0041  | 0.0065  | 0.0110  | 0.0169  | 0.0265 | 0.0363 | 0.0720 | 0.0983 | 0.1539 |
| 45                                                                                                                                                                    |                      |         | 0.00083 | 0.0018  | 0.0039  | 0.0057  | 0.0098  | 0.0142  | 0.0227 | 0.0326 | 0.0626 | 0.0877 | 0.1312 |
| 50                                                                                                                                                                    |                      |         | 0.00057 | 0.0013  | 0.0030  | 0.0043  | 0.0081  | 0.0114  | 0.0178 | 0.0274 | 0.0469 | 0.0751 | 0.1028 |
| 56                                                                                                                                                                    |                      |         | 0.00046 | 0.0011  | 0.0025  | 0.0040  | 0.0068  | 0.0102  | 0.0146 | 0.0235 | 0.0384 | 0.0649 | 0.0853 |
| 63                                                                                                                                                                    |                      |         | 0.00042 | 0.00087 | 0.0021  | 0.0031  | 0.0059  | 0.0084  | 0.0124 | 0.0184 | 0.0326 | 0.0489 | 0.0725 |
| 71                                                                                                                                                                    |                      |         | 0.00033 | 0.00067 | 0.0016  | 0.0026  | 0.0047  | 0.0070  | 0.0100 | 0.0150 | 0.0262 | 0.0400 | 0.0585 |
| 80                                                                                                                                                                    |                      |         |         |         |         | 0.0021  |         | 0.0061  |        | 0.0128 |        | 0.0339 |        |
| 90                                                                                                                                                                    |                      |         |         |         |         | 0.0016  |         | 0.0048  |        | 0.0102 |        | 0.0272 |        |
| J <sub>L</sub>                                                                                                                                                        |                      |         | 0.005   | 0.006   | 0.010   | 0.010   | 0.020   | 0.020   | 0.045  | 0.045  | 0.100  | 0.100  | 0.290  |
| 80                                                                                                                                                                    |                      |         |         |         | 0.0024  |         | 0.0057  |         | 0.0129 |        | 0.0350 |        | 0.0795 |
| 90                                                                                                                                                                    |                      |         |         |         | 0.0021  |         | 0.0049  |         | 0.0110 |        | 0.0291 |        | 0.0678 |
| 100                                                                                                                                                                   |                      |         |         |         | 0.0018  | 0.0024  | 0.0040  | 0.0058  | 0.0086 | 0.0131 | 0.0250 | 0.0358 | 0.0549 |
| 112                                                                                                                                                                   |                      |         |         |         | 0.0016  | 0.0022  | 0.0037  | 0.0049  | 0.0079 | 0.0111 | 0.0215 | 0.0297 | 0.0465 |
| 125                                                                                                                                                                   |                      |         |         |         | 0.0013  | 0.0018  | 0.0030  | 0.0040  | 0.0064 | 0.0087 | 0.0167 | 0.0254 | 0.0359 |
| 140                                                                                                                                                                   |                      |         |         |         | 0.0011  | 0.0016  | 0.0025  | 0.0038  | 0.0057 | 0.0081 | 0.0141 | 0.0219 | 0.0323 |
| 160                                                                                                                                                                   |                      |         |         |         | 0.00091 | 0.0013  | 0.0020  | 0.0031  | 0.0043 | 0.0065 | 0.0113 | 0.0170 | 0.0271 |
| 180                                                                                                                                                                   |                      |         |         |         | 0.00085 | 0.0011  | 0.0018  | 0.0025  | 0.0040 | 0.0058 | 0.0101 | 0.0143 | 0.0233 |
| 200                                                                                                                                                                   |                      |         |         |         | 0.00058 | 0.00092 | 0.0013  | 0.0020  | 0.0031 | 0.0043 | 0.0083 | 0.0114 | 0.0182 |
| 224                                                                                                                                                                   |                      |         |         |         | 0.00047 | 0.00086 | 0.0011  | 0.0018  | 0.0025 | 0.0041 | 0.0070 | 0.0102 | 0.0149 |
| 250                                                                                                                                                                   |                      |         |         |         | 0.00043 | 0.00059 | 0.00089 | 0.0014  | 0.0021 | 0.0031 | 0.0060 | 0.0084 | 0.0127 |
| 280                                                                                                                                                                   |                      |         |         |         | 0.00033 | 0.00047 | 0.00069 | 0.0011  | 0.0016 | 0.0026 | 0.0048 | 0.0071 | 0.0102 |
| 315                                                                                                                                                                   |                      |         |         |         | 0.00028 | 0.00043 | 0.00058 | 0.00091 | 0.0014 | 0.0021 | 0.0040 | 0.0061 | 0.0081 |
| 355                                                                                                                                                                   |                      |         |         |         |         | 0.00034 |         | 0.00069 |        | 0.0016 |        | 0.0048 |        |
| 400                                                                                                                                                                   |                      |         |         |         |         | 0.00028 |         | 0.00059 |        | 0.0014 |        | 0.0041 |        |



直交轴减速机 Bevel-helical Reductors

转动惯量 J<sub>1</sub> Mass Moments of Inertia J<sub>1</sub>

类型 B2, B3, B4 Type B2, B3, B4

规格 14...26 Sizes 14...26

转动惯量 J<sub>2</sub>( 单位 kgm<sup>2</sup>) 是指相对于减速机输出轴d<sub>2</sub>的转动惯量，可按下式计算：J<sub>2</sub>= i<sup>2</sup>XJ<sub>1</sub>。

转动惯量 J ( 单位 kgm<sup>2</sup>) 是指相对于减速机输入轴d<sub>1</sub>的转动惯量，输入轴不带风扇。

如果输入轴d<sub>1</sub>上带有风扇，则应加上 J<sub>L</sub>。

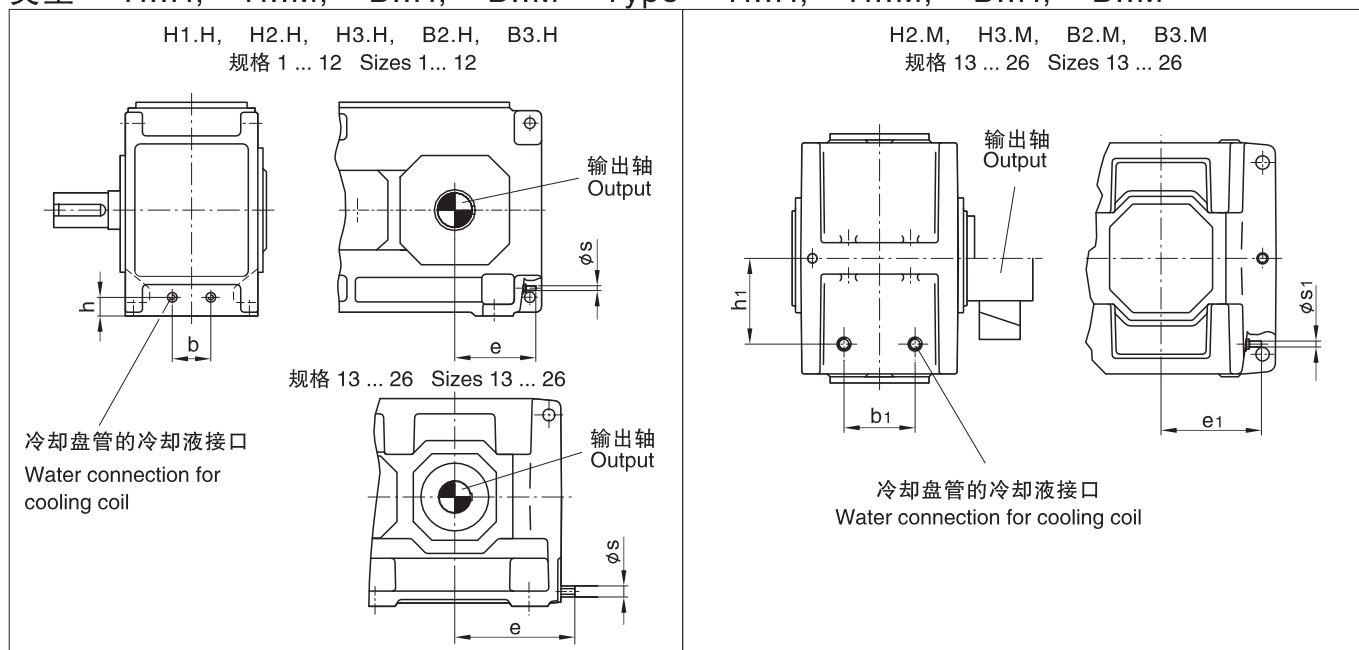
The mass moment of inertia J<sub>2</sub> in kgm<sup>2</sup> refers to the output shaft d<sub>2</sub> of a reductor and is calculated with the following formula: J<sub>2</sub> =i<sup>2</sup>xJ<sub>1</sub>.

The mass moment of inertia J<sub>1</sub> in kgm<sup>2</sup> refers to the input shaft d<sub>1</sub> of a reductor without fan.

For shaft d with fan, J<sub>L</sub> has to be added.

| 转动惯量 J <sub>1</sub> ( 单位 kgm <sup>2</sup> ) 是指相对于减速机输出轴d <sub>1</sub> 的转动惯量 mass moment of inertia J <sub>1</sub> in kgm <sup>2</sup> refering to shaft d <sub>1</sub> |        |        |         |        |        |        |        |        |       |       |       |       | in   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|---------|--------|--------|--------|--------|--------|-------|-------|-------|-------|------|
| 减速机规格 Reductor sizes                                                                                                                                                   |        |        |         |        |        |        |        |        |       |       |       |       |      |
| 14                                                                                                                                                                     | 15     | 16     | 17      | 18     | 19     | 20     | 21     | 22     | 23    | 24    | 25    | 26    |      |
|                                                                                                                                                                        | 6.1753 |        |         |        |        |        |        |        |       |       |       |       | 5.0  |
|                                                                                                                                                                        | 5.3415 | 6.6007 | 10.3549 |        |        |        |        |        |       |       |       |       | 5.6  |
| 3.0962                                                                                                                                                                 | 4.4466 | 5.6746 | 8.5744  |        |        |        |        |        |       |       |       |       | 6.3  |
| 2.5972                                                                                                                                                                 | 3.7296 | 4.7073 | 7.1324  | 9.0369 |        |        |        |        |       |       |       |       | 7.1  |
| 2.0500                                                                                                                                                                 | 2.7508 | 3.9356 | 5.0109  | 7.4979 |        |        |        |        |       |       |       |       | 8.0  |
| 1.7802                                                                                                                                                                 | 2.5048 | 2.9105 | 4.5186  | 5.2942 |        |        |        |        |       |       |       |       | 9.0  |
| 1.2968                                                                                                                                                                 | 2.1468 | 2.6398 | 3.8518  | 4.7581 |        |        |        |        |       |       |       |       | 10   |
| 1.1653                                                                                                                                                                 | 1.7964 | 2.2495 | 3.3164  | 4.0340 |        |        |        |        |       |       |       |       | 11.2 |
| 1.0001                                                                                                                                                                 |        | 1.8843 |         | 3.4725 |        |        |        |        |       |       |       |       | 12.5 |
| 0.8634                                                                                                                                                                 |        |        |         |        |        |        |        |        |       |       |       |       | 14   |
|                                                                                                                                                                        |        |        |         |        |        |        |        |        |       |       |       |       | 16   |
|                                                                                                                                                                        |        |        |         |        |        |        |        |        |       |       |       |       | 18   |
| 0.690                                                                                                                                                                  | 0.690  | 0.690  | 0.690   | 0.690  |        |        |        |        |       |       |       |       | JL   |
|                                                                                                                                                                        | 1.6952 |        | 3.4843  |        | 7.8896 |        | 8.3877 |        |       |       |       |       | 12.5 |
|                                                                                                                                                                        | 1.6558 | 1.7505 | 3.4451  | 3.5988 | 7.7305 | 8.0659 | 8.2186 | 8.6052 |       |       |       |       | 14   |
| 0.6638                                                                                                                                                                 | 1.4797 | 1.7023 | 3.0661  | 3.5397 | 6.9989 | 7.8400 | 7.4408 | 8.3643 |       |       |       |       | 16   |
| 0.6456                                                                                                                                                                 | 1.4545 | 1.5152 | 3.0418  | 3.1370 | 6.8398 | 6.9560 | 7.2717 | 7.4142 |       |       |       |       | 18   |
| 0.5424                                                                                                                                                                 | 1.3716 | 1.4843 | 2.8806  | 3.1004 | 6.3626 | 6.8399 | 6.7643 | 7.2972 | 12.93 |       |       |       | 20   |
| 0.5318                                                                                                                                                                 | 1.1459 | 1.3952 | 2.4284  | 2.9267 | 5.4882 | 6.4527 | 5.8027 | 6.8842 | 10.90 | 13.15 | 13.51 |       | 22.4 |
| 0.4938                                                                                                                                                                 | 0.9016 | 1.1644 | 1.9196  | 2.4645 | 4.5614 | 5.5587 | 4.8075 | 5.8965 | 8.99  | 11.07 | 11.03 |       | 25   |
| 0.4189                                                                                                                                                                 | 0.7728 | 0.9159 | 1.6758  | 1.9474 | 3.8203 | 4.6166 | 4.0148 | 4.8809 | 7.45  | 9.12  | 9.06  | 11.34 | 28   |
| 0.3317                                                                                                                                                                 | 0.5615 | 0.7842 | 1.2159  | 1.6981 | 2.8212 | 3.8639 | 2.9719 | 4.0729 | 5.24  | 7.55  | 6.49  | 9.30  | 31.5 |
| 0.2812                                                                                                                                                                 | 0.5062 | 0.5703 | 1.0968  | 1.2332 | 2.5642 | 2.8550 | 2.6917 | 3.0169 | 4.70  | 5.32  | 5.76  | 6.68  | 35.5 |
| 0.2079                                                                                                                                                                 | 0.4306 | 0.5137 | 0.9481  | 1.1114 | 2.1920 | 2.5928 | 2.2890 | 2.7297 | 3.98  | 4.77  | 4.78  | 5.92  | 40   |
| 0.1882                                                                                                                                                                 | 0.3694 | 0.4363 | 0.8188  | 0.9592 | 1.8351 | 2.2138 | 1.9182 | 2.3180 | 3.42  | 4.03  | 4.11  | 4.90  | 45   |
| 0.1587                                                                                                                                                                 | 0.2765 | 0.3743 | 0.5713  | 0.8283 | 1.4000 | 1.8537 | 1.4641 | 1.9429 | 2.58  | 3.46  | 3.11  | 4.21  | 50   |
| 0.1353                                                                                                                                                                 | 0.2284 | 0.2802 | 0.4692  | 0.5787 | 1.1439 | 1.4144 | 1.1946 | 1.4832 | 2.16  | 2.61  | 2.58  | 3.19  | 56   |
| 0.1060                                                                                                                                                                 | 0.1956 | 0.2314 | 0.4054  | 0.4750 | 1.0429 | 1.1553 | 1.0845 | 1.2097 | 1.98  | 2.19  | 2.33  | 2.65  | 63   |
| 0.0878                                                                                                                                                                 | 0.1587 | 0.1981 | 0.3333  | 0.4101 | 0.8730 | 1.0522 | 0.9051 | 1.0970 | 1.62  | 2.01  | 1.89  | 2.38  | 71   |
| 0.0745                                                                                                                                                                 |        | 0.1605 |         | 0.3369 |        | 0.8802 |        | 0.9147 |       | 1.64  |       | 1.93  | 80   |
| 0.0601                                                                                                                                                                 |        |        |         |        |        |        |        |        |       |       |       |       | 90   |
| 0.290                                                                                                                                                                  | 0.290  | 0.290  | 0.690   | 0.690  | 0.690  | 0.690  | 0.690  | 0.690  | 0.690 | 0.690 | 0.690 | 0.690 | JL   |
|                                                                                                                                                                        | 0.2219 |        | 0.2276  |        | 0.4955 |        | 1.4120 |        | 1.519 |       | 3.158 |       | 80   |
|                                                                                                                                                                        | 0.1883 | 0.2234 | 0.1931  | 0.2307 | 0.4203 | 0.5009 | 1.1776 | 1.4199 | 1.261 | 1.533 | 2.645 | 3.188 | 90   |
| 0.0807                                                                                                                                                                 | 0.1507 | 0.1896 | 0.1542  | 0.1956 | 0.3327 | 0.4248 | 0.9261 | 1.1838 | 0.991 | 1.272 | 2.087 | 2.669 | 100  |
| 0.0688                                                                                                                                                                 | 0.1323 | 0.1516 | 0.1352  | 0.1561 | 0.2821 | 0.3360 | 0.7924 | 0.9309 | 0.844 | 0.999 | 1.810 | 2.106 | 112  |
| 0.0556                                                                                                                                                                 | 0.0964 | 0.1330 | 0.0985  | 0.1367 | 0.2085 | 0.2848 | 0.5767 | 0.7962 | 0.617 | 0.851 | 1.320 | 1.825 | 125  |
| 0.0471                                                                                                                                                                 | 0.0861 | 0.0969 | 0.0879  | 0.0997 | 0.1887 | 0.2106 | 0.5190 | 0.5796 | 0.553 | 0.622 | 1.185 | 1.331 | 140  |
| 0.0364                                                                                                                                                                 | 0.0738 | 0.0866 | 0.0752  | 0.0889 | 0.1591 | 0.1905 | 0.4404 | 0.5215 | 0.466 | 0.557 | 1.015 | 1.194 | 160  |
| 0.0327                                                                                                                                                                 | 0.0638 | 0.0742 | 0.0650  | 0.0760 | 0.1357 | 0.1605 | 0.3778 | 0.4423 | 0.400 | 0.470 | 0.876 | 1.022 | 180  |
| 0.0274                                                                                                                                                                 | 0.0481 | 0.0641 | 0.0490  | 0.0657 | 0.1063 | 0.1368 | 0.2829 | 0.3794 | 0.300 | 0.403 | 0.598 | 0.882 | 200  |
| 0.0235                                                                                                                                                                 | 0.0393 | 0.0483 | 0.0400  | 0.0495 | 0.0880 | 0.1071 | 0.2335 | 0.2842 | 0.247 | 0.302 | 0.504 | 0.620 | 224  |
| 0.0184                                                                                                                                                                 | 0.0333 | 0.0395 | 0.0339  | 0.0404 | 0.0747 | 0.0887 | 0.1998 | 0.2345 | 0.211 | 0.249 | 0.438 | 0.508 | 250  |
| 0.0151                                                                                                                                                                 | 0.0267 | 0.0335 | 0.0272  | 0.0343 | 0.0603 | 0.0753 | 0.1619 | 0.2007 | 0.170 | 0.212 | 0.355 | 0.441 | 280  |
| 0.0128                                                                                                                                                                 | 0.0217 | 0.0269 | 0.0221  | 0.0275 | 0.0493 | 0.0607 | 0.1289 | 0.1625 | 0.136 | 0.172 | 0.286 | 0.358 | 315  |
| 0.0103                                                                                                                                                                 |        | 0.0218 |         | 0.0223 |        | 0.0497 |        | 0.1294 |       | 0.137 |       | 0.288 | 355  |
| 0.0082                                                                                                                                                                 |        |        |         |        |        |        |        |        |       |       |       |       | 400  |

减速机 Reductors 冷却盘管 Cooling Coils 卧式安装 Horizontal 规格 1 ... 26 Sizes 1 ... 26  
 类型 H..H, H..M, B..H, B..M Type H..H, H..M, B..H, B..M



| 规格<br>Size | 类型 H1SH<br>Type H1SH |      |      |       |    | 类型 H2.H/ B3.H<br>Type H2.H/ B3.H |      |      |       |    | 类型 H3.H<br>Type H3.H |      |      |       |    | 类型 B2.H<br>Type B2.H |      |      |       |    |
|------------|----------------------|------|------|-------|----|----------------------------------|------|------|-------|----|----------------------|------|------|-------|----|----------------------|------|------|-------|----|
|            | b mm                 | e mm | h mm | s     | 1) | b mm                             | e mm | h mm | s     | 1) | b mm                 | e mm | h mm | s     | 1) | b mm                 | e mm | h mm | s     | 1) |
| 1          | 30                   | 150  | 45   | G 1/4 | 4  | -                                | -    | -    | -     | -  | -                    | -    | -    | -     | -  | 64                   | 125  | 40   | G 1/4 | 4  |
| 2          | -                    | -    | -    | -     | -  | -                                | -    | -    | -     | -  | -                    | -    | -    | -     | -  | 78                   | 130  | 40   | G 1/4 | 4  |
| 3          | 48                   | 205  | 74   | G 1/2 | 4  | 34                               | 130  | 55   | G 1/2 | 4  | -                    | -    | -    | -     | -  | 58                   | 140  | 52   | G 1/4 | 4  |
| 4          | -                    | -    | -    | -     | -  | 34                               | 155  | 60   | G 1/2 | 4  | -                    | -    | -    | -     | -  | 74                   | 160  | 54   | G 1/2 | 4  |
| 5          | 88                   | 270  | 90   | G 1/2 | 4  | 68                               | 170  | 64   | G 1/2 | 4  | 70                   | 175  | 60   | G 1/2 | 4  | 130                  | 175  | 62   | G 1/2 | 8  |
| 6          | -                    | -    | -    | -     | -  | 70                               | 215  | 68   | G 1/2 | 4  | 70                   | 220  | 69   | G 1/2 | 4  | 120                  | 220  | 68   | G 1/2 | 4  |
| 7          | 124                  | 310  | 135  | G 1/2 | 4  | 100                              | 210  | 83   | G 1/2 | 4  | 80                   | 210  | 83   | G 1/2 | 4  | 140                  | 210  | 80   | G 1/2 | 8  |
| 8          | -                    | -    | -    | -     | -  | 100                              | 270  | 83   | G 1/2 | 4  | 80                   | 270  | 83   | G 1/2 | 4  | 140                  | 270  | 80   | G 1/2 | 4  |
| 9          | 116                  | 365  | 110  | G 1/2 | 8  | 140                              | 245  | 110  | G 1/2 | 8  | 150                  | 245  | 107  | G 1/2 | 4  | 232                  | 245  | 110  | G 1/2 | 8  |
| 10         | -                    | -    | -    | -     | -  | 100                              | 295  | 95   | G 1/2 | 8  | 90                   | 295  | 95   | G 1/2 | 4  | 150                  | 295  | 90   | G 1/2 | 8  |
| 11         | 146                  | 425  | 130  | G 1/2 | 8  | 110                              | 275  | 95   | G 1/2 | 8  | 200                  | 275  | 115  | G 1/2 | 8  | 312                  | 275  | 115  | G 1/2 | 8  |
| 12         | -                    | -    | -    | -     | -  | 200                              | 360  | 109  | G 1/2 | 8  | 200                  | 360  | 115  | G 1/2 | 8  | 300                  | 360  | 115  | G 1/2 | 8  |
| 13         | 152                  | 480  | 150  | G 1/2 | 8  | 252                              | 455  | 116  | G 1/2 | 8  | 252                  | 460  | 116  | G 1/2 | 8  | 324                  | 460  | 116  | G 1/2 | 8  |
| 14         | -                    | -    | -    | -     | -  | 252                              | 525  | 116  | G 1/2 | 8  | 252                  | 530  | 116  | G 1/2 | 8  | 324                  | 530  | 116  | G 1/2 | 8  |
| 15         | 172                  | 560  | 130  | G 1/2 | 8  | 290                              | 535  | 119  | G 1/2 | 8  | 290                  | 540  | 119  | G 1/2 | 8  | 396                  | 540  | 119  | G 1/2 | 8  |
| 16         | -                    | -    | -    | -     | -  | 290                              | 580  | 119  | G 1/2 | 8  | 290                  | 585  | 119  | G 1/2 | 8  | 396                  | 585  | 119  | G 1/2 | 8  |
| 17         | 202                  | 600  | 145  | G 1/2 | 8  | 340                              | 575  | 134  | G 1/2 | 8  | 300                  | 580  | 134  | G 1/2 | 8  | 468                  | 580  | 134  | G 1/2 | 8  |
| 18         | -                    | -    | -    | -     | -  | 340                              | 635  | 134  | G 1/2 | 8  | 300                  | 640  | 134  | G 1/2 | 8  | 468                  | 640  | 134  | G 1/2 | 8  |
| 19         | 根据用户要求供货 On request  |      |      |       |    | 根据用户要求供货 On request              |      |      |       |    | 根据用户要求供货 On request  |      |      |       |    | -                    |      |      |       |    |
| 20 - 26    | -                    |      |      |       |    | 根据用户要求供货 On request              |      |      |       |    | 根据用户要求供货 On request  |      |      |       |    | -                    |      |      |       |    |

| 规格<br>Size | 类型 H2.M/ B3.M<br>Type H2.M/ B3.M |                   |                   |                |    | 类型 H3.M<br>Type H3.M |                   |                   |                |    | 类型 B2.M<br>Type B2.M |                   |                   |                |    |
|------------|----------------------------------|-------------------|-------------------|----------------|----|----------------------|-------------------|-------------------|----------------|----|----------------------|-------------------|-------------------|----------------|----|
|            | b <sub>1</sub> mm                | e <sub>1</sub> mm | h <sub>1</sub> mm | s <sub>1</sub> | 1) | b <sub>1</sub> mm    | e <sub>1</sub> mm | h <sub>1</sub> mm | s <sub>1</sub> | 1) | b <sub>1</sub> mm    | e <sub>1</sub> mm | h <sub>1</sub> mm | s <sub>1</sub> | 1) |
| 13         | 252                              | 335               | 300               | G 1/2          | 8  | 252                  | 335               | 300               | G 1/2          | 8  | 324                  | 335               | 300               | G 1/2          | 8  |
| 14         | 252                              | 405               | 300               | G 1/2          | 8  | 252                  | 405               | 300               | G 1/2          | 8  | 324                  | 405               | 300               | G 1/2          | 8  |
| 15         | 290                              | 395               | 335               | G 1/2          | 8  | 290                  | 395               | 340               | G 1/2          | 8  | 396                  | 390               | 345               | G 1/2          | 8  |
| 16         | 290                              | 440               | 335               | G 1/2          | 8  | 290                  | 440               | 340               | G 1/2          | 8  | 396                  | 435               | 345               | G 1/2          | 8  |
| 17         | 340                              | 425               | 380               | G 1/2          | 8  | 300                  | 425               | 380               | G 1/2          | 8  | 324                  | 425               | 395               | G 1/2          | 8  |
| 18         | 340                              | 485               | 380               | G 1/2          | 8  | 300                  | 485               | 380               | G 1/2          | 8  | 324                  | 485               | 395               | G 1/2          | 8  |
| 19 - 26    | 根据用户要求供货 On request              |                   |                   |                |    | 根据用户要求供货 On request  |                   |                   |                |    | -                    |                   |                   |                |    |

1) 冷却液需要量 ( l/min )

Required cooling water quantity ( l/min )

冷却盘管适用于淡水、海水和半咸水。

Cooling coil suitable for fresh, sea and brackish



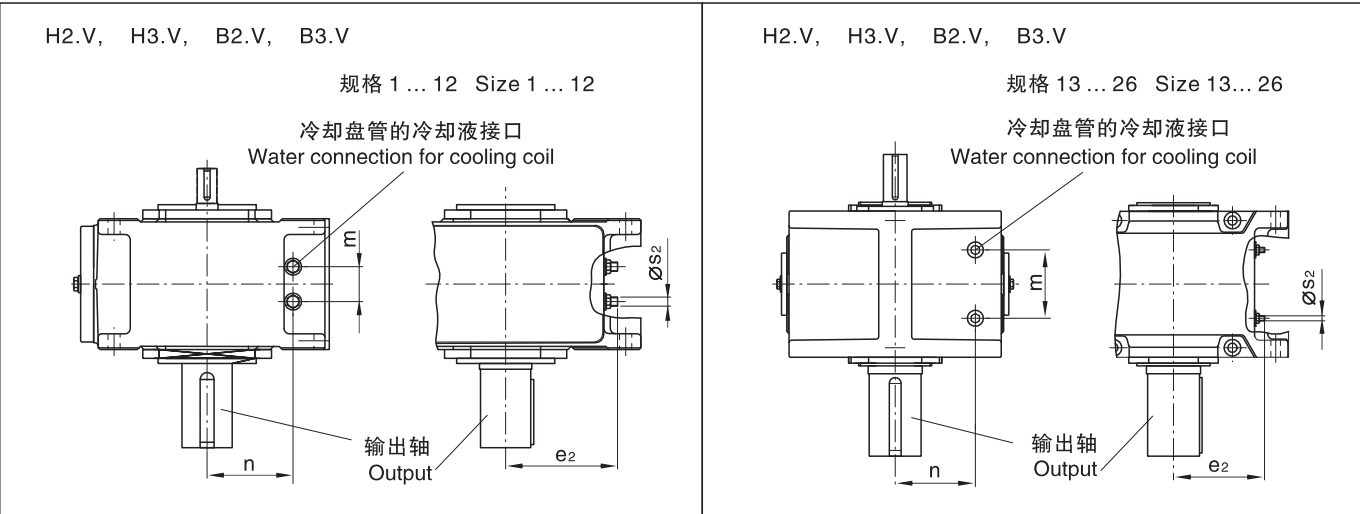
减速机 Reductors

冷却盘管 Cooling Coils

立式安装 Vertical

类型 H..V, B..V Type H..V, B..V

规格 1... 26 Sizes 1 ... 26



| 规格<br>Size | 类型                  | H2.V/<br>m<br>mm | B3.V<br>n<br>mm | Type  | H2.V/<br>e2<br>mm | B3.V<br>s2          | 类型  | H3.V<br>m<br>mm | Type  | H3.V<br>n<br>mm | e2<br>mm | S2  | (1) | 类型    | B2.V<br>m<br>mm | Type | B2.V<br>n<br>mm | e2<br>mm | S2    | (1) |
|------------|---------------------|------------------|-----------------|-------|-------------------|---------------------|-----|-----------------|-------|-----------------|----------|-----|-----|-------|-----------------|------|-----------------|----------|-------|-----|
|            |                     |                  |                 |       |                   |                     |     |                 |       |                 |          |     |     |       |                 |      |                 |          |       |     |
| 1          | —                   | —                | —               | —     | —                 | —                   | —   | —               | —     | —               | —        | —   | —   | 64    | 90              | 125  | G 1/4           | 4        |       |     |
| 2          | —                   | —                | —               | —     | —                 | —                   | —   | —               | —     | —               | —        | —   | —   | 78    | 105             | 130  | G 1/4           | 4        |       |     |
| 3          | 34                  | 120              | 130             | G 1/2 | 4                 | —                   | —   | —               | —     | —               | —        | —   | —   | 58    | 123             | 140  | G 1/2           | 4        |       |     |
| 4          | 34                  | 140              | 155             | G 1/2 | 4                 | —                   | —   | —               | —     | —               | —        | —   | —   | 74    | 146             | 160  | G 1/2           | 4        |       |     |
| 5          | 68                  | 166              | 170             | G 1/2 | 4                 | 70                  | 170 | 175             | G 1/2 | 4               | 130      | 168 | 175 | G 1/2 | 8               | 130  | 168             | 175      | G 1/2 | 8   |
| 6          | 70                  | 162              | 215             | G 1/2 | 4                 | 70                  | 161 | 220             | G 1/2 | 4               | 120      | 162 | 220 | G 1/2 | 4               | 120  | 162             | 220      | G 1/2 | 4   |
| 7          | 100                 | 197              | 210             | G 1/2 | 4                 | 80                  | 197 | 210             | G 1/2 | 4               | 140      | 200 | 210 | G 1/2 | 8               | 140  | 200             | 210      | G 1/2 | 8   |
| 8          | 100                 | 197              | 270             | G 1/2 | 4                 | 80                  | 197 | 270             | G 1/2 | 4               | 140      | 200 | 270 | G 1/2 | 4               | 140  | 200             | 270      | G 1/2 | 4   |
| 9          | 140                 | 210              | 245             | G 1/2 | 8                 | 150                 | 213 | 245             | G 1/2 | 4               | 232      | 210 | 245 | G 1/2 | 8               | 232  | 210             | 245      | G 1/2 | 8   |
| 10         | 100                 | 225              | 295             | G 1/2 | 8                 | 90                  | 225 | 295             | G 1/2 | 4               | 150      | 230 | 295 | G 1/2 | 8               | 150  | 230             | 295      | G 1/2 | 8   |
| 11         | 110                 | 285              | 275             | G 1/2 | 8                 | 200                 | 265 | 275             | G 1/2 | 8               | 312      | 265 | 275 | G 1/2 | 8               | 312  | 265             | 275      | G 1/2 | 8   |
| 12         | 200                 | 271              | 360             | G 1/2 | 8                 | 200                 | 265 | 360             | G 1/2 | 8               | 300      | 265 | 360 | G 1/2 | 8               | 300  | 265             | 360      | G 1/2 | 8   |
| 13         | 252                 | 300              | 335             | G 1/2 | 8                 | 252                 | 300 | 335             | G 1/2 | 8               | 324      | 300 | 335 | G 1/2 | 8               | 324  | 300             | 335      | G 1/2 | 8   |
| 14         | 252                 | 300              | 405             | G 1/2 | 8                 | 252                 | 300 | 405             | G 1/2 | 8               | 324      | 300 | 405 | G 1/2 | 8               | 324  | 300             | 405      | G 1/2 | 8   |
| 15         | 290                 | 335              | 395             | G 1/2 | 8                 | 290                 | 340 | 395             | G 1/2 | 8               | 396      | 345 | 390 | G 1/2 | 8               | 396  | 345             | 390      | G 1/2 | 8   |
| 16         | 290                 | 335              | 440             | G 1/2 | 8                 | 290                 | 340 | 440             | G 1/2 | 8               | 396      | 345 | 435 | G 1/2 | 8               | 396  | 345             | 435      | G 1/2 | 8   |
| 17         | 340                 | 380              | 425             | G 1/2 | 8                 | 300                 | 380 | 425             | G 1/2 | 8               | 324      | 395 | 425 | G 1/2 | 8               | 324  | 395             | 425      | G 1/2 | 8   |
| 18         | 340                 | 380              | 485             | G 1/2 | 8                 | 300                 | 380 | 485             | G 1/2 | 8               | 324      | 395 | 485 | G 1/2 | 8               | 324  | 395             | 485      | G 1/2 | 8   |
| 19 – 26    | 根据用户要求供货 On request |                  |                 |       |                   | 根据用户要求供货 On request |     |                 |       |                 | —        |     |     |       |                 |      |                 |          |       |     |

| 冷却盘管适用于    Cooling coil for |            |                         |   |   |   |                                                    |   |   |   |                                               |                        |   |   |  |
|-----------------------------|------------|-------------------------|---|---|---|----------------------------------------------------|---|---|---|-----------------------------------------------|------------------------|---|---|--|
| 类型<br>Types                 | 规格<br>Size | 浸油润滑    Dip lubrication |   |   |   | 法兰泵强制润滑<br>Forced lubrication with flanged on pump |   |   |   | 电动泵强制润滑<br>Forced lubrication with motor pump |                        |   |   |  |
|                             |            | 适用布置形式    for design    |   |   |   | 适用布置形式    for design                               |   |   |   | 适用布置形式    for design                          |                        |   |   |  |
|                             |            | A                       | B | C | D | A                                                  | B | C | D | A                                             | B                      | C | D |  |
| H2.V                        | 4          | x                       | x | x | x | —                                                  | — | — | — |                                               |                        |   |   |  |
|                             | 5 – 12     | x                       | x | x | x | —                                                  | x | — | x |                                               |                        |   |   |  |
|                             | 13 – 18    | —                       | — | — | — | —                                                  | x | — | x |                                               |                        |   |   |  |
| H3.V                        | 5 – 12     | x                       | x | x | x | —                                                  | x | — | x |                                               | 根据用户要求供货<br>On request |   |   |  |
|                             | 13 – 18    | —                       | — | — | — | —                                                  | x | — | x |                                               |                        |   |   |  |
|                             | 4          | x                       | x | x | x | —                                                  | — | — | — |                                               |                        |   |   |  |
| B2.V                        | 5 – 12     | x                       | x | x | x | x                                                  | x | — | — |                                               |                        |   |   |  |
|                             | 13 – 18    | —                       | — | — | — | x                                                  | x | — | — |                                               |                        |   |   |  |
|                             | 4          | x                       | x | x | x | —                                                  | — | — | — |                                               |                        |   |   |  |
| B3.V                        | 5 – 12     | x                       | x | x | x | —                                                  | — | x | x |                                               |                        |   |   |  |
|                             | 13 – 18    | —                       | — | — | — | —                                                  | — | x | x |                                               |                        |   |   |  |
|                             | 4          | x                       | x | x | x | —                                                  | — | — | — |                                               |                        |   |   |  |

X = 可供货 x = Possible variants

1) 冷却液需要量 ( l/min ) Required cooling water quantity ( l/min)

冷却盘管适用于淡水、海水和半咸水。 Cooling coil suitable for fresh, sea and brackish.

减速机 Reductors      润滑油供给方式可选方案 Oil Supply for  
 类型 H2... H4, B2... B4 Types H2... H4, B2... B4  
 规格 1 ... 18 立式安装 Sizes 1 ... 18 Vertical

各种润滑油供给方式 Oil supply variants

立式安装减速机所用的各种润滑油供给方式列于表1

Oil supply variants for vertical gear reducers be derived from table 1.

| 表 1 Table 1               |           |                         |                                                   |                                           |
|---------------------------|-----------|-------------------------|---------------------------------------------------|-------------------------------------------|
| 类型 <sup>1)</sup><br>Types | 规格Size    | 浸油润滑<br>Dip lubrication | 法兰泵强制润滑<br>Forced lubrication, flanged<br>on pump | 电动泵强制润滑<br>Forced lubrication, motor pump |
| H2.V                      | 4         | X                       | —                                                 | —                                         |
|                           | 5 ... 12  | X                       | X                                                 | —                                         |
|                           | 13 ... 18 | —                       | X                                                 | —                                         |
| H3.V                      | 5 ... 12  | X                       | X                                                 | X                                         |
|                           | 13 ... 18 | —                       | X                                                 | X                                         |
| H4.V                      | 7 ... 12  | X                       | X                                                 | X                                         |
|                           | 13 ... 18 | —                       | —                                                 | X                                         |
| B2.V                      | 4         | X                       | —                                                 | —                                         |
|                           | 5 ... 12  | X                       | X                                                 | X                                         |
|                           | 13 ... 18 | —                       | X                                                 | X                                         |
| B3.V                      | 4         | X                       | —                                                 | —                                         |
|                           | 5 ... 12  | X                       | X                                                 | X                                         |
|                           | 13 ... 18 | —                       | X                                                 | X                                         |
| B4.V                      | 5 ... 12  | X                       | X                                                 | X                                         |
|                           | 13 ... 18 | —                       | —                                                 | X                                         |

X=可供货 X=Possible variants

1) 采用实心轴、带储油管的齿轮箱所用的各种润滑油供给方式见302页表14。

1) For possible variants for gear units with solid shaft and oil retaining tube, see page 302, table 14 .

推荐供油方式 Preferred order:

规格 6 号 ( 含 ) 以下各型: 浸油润滑, 规格 7 号以上各型: 强制润滑  
 up to size 6: dip lubrication from size 7 up: forced lubrication

对各种润滑油供给方式的说明 Notes on the individual oil supply variants

浸油润滑Dip lubrication:

当用浸油润滑时, 所有需要润滑的零部件均需浸在润滑油液中。

附带的补偿油箱用于储藏涨溢的油液。

选择依据参见296页。

in case of dip lubrication, all parts to be lubricated are lying in the oil.

an oil compensating tank has been fitted for oil ex-pansion.

criteria for selection, see page 296

强制润滑 Forced lubrication:

当采用强制润滑时, 所有未浸在润滑油液中的零部件均通过一个法兰联接油泵或单独的电动油泵进行飞溅润滑。

选择依据参见 297-301页。

In case of forced lubrication, all parts which are not lying in oil are splash lubricated by means of a flanged-on pump or by a separate motor pump. criteria for selection, see pages 297-301

减速机 Reductors      浸油润滑方式 Dip Lubrication for

类型 H2... H4, B2... B4    Types H2... H4, B2... B4

规格 1 ... 12 立式安装    Sizes1...12Vertical

当选用浸油润滑方式时，应满足下列要求：a)最大输入转速N1，参见表2；b)允许油温参见表3。

For the design with dip lubrication the following criteria have to be observed:

a)Maximum input speed n1 ,See table 2.    b)Permissible oil temperatures, see table 3.

| 表2 Table2  |                                                 |                                    |          |       |         |       |                                           |                              |                    |              |         |       |
|------------|-------------------------------------------------|------------------------------------|----------|-------|---------|-------|-------------------------------------------|------------------------------|--------------------|--------------|---------|-------|
| 规格<br>Size | 类型 Types                                        |                                    |          |       |         |       |                                           |                              |                    |              |         |       |
|            | H2.V                                            |                                    | H3.V     |       | H4.V    |       | B2.V                                      |                              | B3.V               |              | B4.V    |       |
|            | iN                                              | n1max                              | iN       | n1max | iN      | n1max | iN                                        | n1max                        | iN                 | n1max        | iN      | n1max |
| 1          | —                                               | —                                  | —        | —     | —       | —     | 5 – 6.3<br>7.1 – 8<br>9 – 18              | 1200<br>1500<br>1800         | —                  | —            | —       | —     |
| 2          | —                                               | —                                  | —        | —     | —       | —     | 5 – 5.6<br>6.3 – 8<br>9 – 10<br>11.2 – 18 | 1000<br>1200<br>1500<br>1800 | —                  | —            | —       | —     |
| 3          | 6.3 – 7.1<br>8 – 10<br>11.2 – 22.4              | 1200<br>1500<br>1800               | —        | —     | —       | —     | 5 – 7.1<br>8 – 9<br>10 – 12.5<br>14 – 18  | 1000<br>1200<br>1500<br>1800 | 20–71              | 1800         | —       | —     |
| 4          | 6.3–10<br>11.2–12.5<br>14–22.4                  | 1200<br>1500<br>1800               | —        | —     | —       | —     | 5–5.6<br>6.3–7.1<br>8 – 9<br>10–11.2      | 750<br>900<br>1000<br>1200   | 12.5–71            | 1800         | —       | —     |
| 5          | 6.3–9<br>10–12.5<br>14–16<br>18–22.4            | 1000<br>1200<br>1500<br>1800       | 25–90    | 1800  | —       | —     | 6.3–7.1<br>8 – 9<br>10–11.2               | 750<br>900<br>1000           | 12.5–71            | 1800         | 80–315  | 1800  |
| 6          | 8–11.2<br>12.5–16<br>18–20<br>22.4–28           | 1000<br>1200<br>1500<br>1800       | 31.5–112 | 1800  | —       | —     | 9<br>10–11.2<br>12.5–14                   | 750<br>900<br>1000           | 16–90              | 1800         | 100–400 | 1800  |
| 7          | 6.3–7.1<br>8–9<br>10–11.2<br>12.5–16<br>18–22.4 | 750<br>900<br>1000<br>1200<br>1500 | 25–90    | 1800  | 100–355 | 1800  | 9–10<br>11.2                              | 750<br>900                   | 12.5–25<br>28–71   | 1500<br>1800 | 80–315  | 1800  |
| 8          | 8–9<br>10–11.2<br>12.5–14<br>16–20<br>22.4–28   | 750<br>900<br>1000<br>1200<br>1500 | 31.5–112 | 1800  | 125–450 | 1800  | 11.2–12.5<br>14                           | 750<br>900                   | 16–31.5<br>35.5–90 | 1500<br>1800 | 100–400 | 1800  |
| 9          | 6.3–7.1<br>8–10<br>11.2–22.4                    | 1200<br>1500<br>1800               | 25–90    | 1800  | 100–355 | 1800  | 5–5.6<br>6.3–7.1<br>8–10<br>11.2          | 900<br>1000<br>1200<br>1500  | 12.5–71            | 1800         | 80–315  | 1800  |
| 10         | 8–9<br>10–12.5<br>14–28                         | 1200<br>1500<br>1800               | 31.5–112 | 1800  | 125–450 | 1800  | 6.3–7.1<br>8 – 9<br>10–12.5<br>14         | 900<br>1000<br>1200<br>1500  | 16–90              | 1800         | 100–400 | 1800  |
| 11         | 6.3–7.1<br>8–10<br>11.2–12.5<br>14–22.4         | 1000<br>1200<br>1500<br>1800       | 25–90    | 1800  | 100–355 | 1800  | 5.6–6.3<br>7.1–8<br>9–10<br>11.2          | 750<br>900<br>1000<br>1200   | 12.5–22.4<br>25–71 | 1500<br>1800 | 80–315  | 1800  |
| 12         | 8–9<br>10–12.5<br>14–16<br>18–28                | 1000<br>1200<br>1500<br>1800       | 31.5–112 | 1800  | 125–450 | 1800  | 7.1–8<br>9–10<br>11.2–12.5<br>14          | 750<br>900<br>1000<br>1200   | 16–28<br>31.5–90   | 1500<br>1800 | 100–400 | 1800  |

n1和iN值不在表2所列范围内的齿轮箱必须采用强制润滑方式。

Gear units with n1 and iN which are not listed in table 2 must be designed for forced lubrication

| 表3 Table3                                                                        |                                                                     |     |                   |
|----------------------------------------------------------------------------------|---------------------------------------------------------------------|-----|-------------------|
| 40℃以下的ISO – VG粘度<br>mm² /s (cst)<br>Viscosity ISO – VG at 40 °C in<br>mm²/s(cst) | 浸油允许极限温度,℃<br>Permissible temperature limit in℃ for dip lubrication |     |                   |
|                                                                                  | 矿物油 Mineral oil                                                     |     | 合成油 Synthetic oil |
|                                                                                  | VG 220                                                              |     | –15               |
| VG 320                                                                           |                                                                     | –12 |                   |
| VG 460                                                                           |                                                                     | –9  |                   |

若油温低于表中所列数值，则必须对润滑油进行加热。

If the temperatures are below the values as listed in the table,the oil must be heated.

当采用浸油润滑时，油温不得低于所用润滑油的倾点。

In case of dip lubrication, the oil temperature must not blow the pour point of the selected oil.

平行轴减速机 Helical Reductors      强制润滑方式 Forced Lubrication for  
 类型 H2... H4    Types    H2... H4    规格 5 ... 18 立式安装 Sizes 5 ... 18 Vertical

| 表4 Table 4                                                                                                  |                                                                               |        |                   |        |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|--------|-------------------|--------|
| 40 ℃ 以下的<br>ISO – VG粘度, mm <sup>2</sup> /s(cSt)<br>Viscosity ISO – VG<br>at 40 ℃ in mm <sup>2</sup> /s(cSt) | 强制润滑允许极限温度℃<br>Permissible temperature limit in℃ for forced feed lubrlication |        |                   |        |
|                                                                                                             | 矿物油 Mineral oil                                                               |        | 合成油 Synthetic oil |        |
|                                                                                                             | 最低 min                                                                        | 最高 max | 最低 min            | 最高 max |
| VG 220                                                                                                      | 10                                                                            | 80     | 0                 | 90     |
| VG 320                                                                                                      | 15                                                                            | 90     | 5                 | 100    |
| VG 460                                                                                                      | 20                                                                            | 95     | 10                | 105    |

**强制润滑:**

当使用强制润滑时, 工作粘度不得超过 1800cSt 。最低工作粘度不得小于 25cSt 。当油温低于表 4 所列的数值时, 必须提供浸油润滑 方式, 或者对润滑油进行加热。

**Forced lubrication:**

In case of forced lubrication,the operating Viscosity 1800 cSt must not be exceeded during starting.Aminimum operating viscosity of 25 cSt must been sured.If the temperatures are below the values as listed in table4,dip Lubrication has to be provided or the oil must Beheated.

| 表5 Table5                                                                      |                         |                              |           |                                   |                              |           |           |                                  |
|--------------------------------------------------------------------------------|-------------------------|------------------------------|-----------|-----------------------------------|------------------------------|-----------|-----------|----------------------------------|
| 立式安装平行轴减速机采用法兰泵<br>Assignment of flanged-on pumps to vertical helical reducers |                         |                              |           |                                   |                              |           |           |                                  |
| 类型<br>Types                                                                    | n <sub>1</sub><br>1/min | 减速机规格<br>Reducer sizes       |           | 法兰泵规格<br>Flanged-on<br>pumps size | 减速机规格<br>Reducer sizes       |           |           | 法兰泵规格<br>Flanged-on<br>Pump size |
|                                                                                |                         | 5,7,9,11                     | 6,8,10,12 |                                   | 13,15,17                     | 14        | 16,18     |                                  |
|                                                                                |                         | 速比   Ratio<br>i <sub>N</sub> |           |                                   | 速比   Ratio<br>i <sub>N</sub> |           |           |                                  |
| H2.V <sup>1)</sup>                                                             | 750 – 1800              | 6.3–22.4                     | 8 – 28    | KSW1                              | 6.3–22.4                     | 8 – 28    | 7.1–25    | KSW2                             |
| H3.V <sup>1)</sup>                                                             | 1201 – 1800             | 25–35.5                      | 31.5–45   | KSW2                              | 22.4–35.5                    | 28 – 45   | 25 – 40   | KSW3                             |
|                                                                                |                         | 40 – 71                      | 50 – 90   | KSW3                              | 40 – 71                      | 50 – 90   | 45 – 80   | KSW4                             |
|                                                                                |                         | 80 – 90                      | 100 – 112 | *                                 | 80 – 90                      | 100 – 112 | 90 – 100  | *                                |
|                                                                                |                         |                              |           |                                   |                              |           |           |                                  |
|                                                                                | 901 – 1200              | 25 – 50                      | 31.5–63   | KSW3                              | 22.4–25                      | 28–31.5   | 25 – 28   | KSW3                             |
|                                                                                |                         | 56 – 90                      | 71 – 112  | *                                 | 28 – 45                      | 35.5–56   | 31.5–50   | KSW4                             |
|                                                                                |                         |                              |           |                                   | 50 – 90                      | 63 – 112  | 56 – 100  | *                                |
|                                                                                | 750 – 900               | 25–35.5                      | 31.5–45   | KSW3                              | 22.4–35.5                    | 28 – 45   | 25 – 40   | KSW4                             |
| 40 – 90                                                                        |                         | 50 – 112                     | *         | 40 – 90                           | 50 – 112                     | 45 – 100  | *         |                                  |
| H4.V <sup>1)</sup>                                                             | 1201 – 1800             | 100 – 180                    | 125 – 224 | KSW3                              | 100 – 355                    | 125 – 450 | 112 – 400 | *                                |
|                                                                                |                         | 200 – 335                    | 250 – 450 | *                                 |                              |           |           |                                  |
|                                                                                | 901 – 1200              | 100 – 125                    | 125 – 160 | KSW3                              |                              |           |           |                                  |
|                                                                                |                         | 140 – 335                    | 180 – 450 | *                                 |                              |           |           |                                  |
|                                                                                | 750 – 900               | 100 – 335                    | 125 – 450 | *                                 |                              |           |           |                                  |
|                                                                                |                         |                              |           |                                   |                              |           |           |                                  |
| * = 所需电动泵,参见表7<br>*=Motor pump require,see table 7.                            |                         |                              |           |                                   |                              |           |           |                                  |

1)布置形式B,D.  
Design BD.

平行轴减速机 Helical Reductors

强制润滑方式 Forced Lubrication for

类型 H2... H4 Types H2... H4

规格 5... 18 立式安装 Sizes 5 ... 18 Vertical

| 表6 Table6                                                                      |                         |                            |           |                                  |                            |           |           |                                  |
|--------------------------------------------------------------------------------|-------------------------|----------------------------|-----------|----------------------------------|----------------------------|-----------|-----------|----------------------------------|
| 立式安装平行轴减速机采用法兰泵<br>Assignment of flanged-on pumps to vertical helical reducers |                         |                            |           |                                  |                            |           |           |                                  |
| 类型<br>Types                                                                    | n <sub>1</sub><br>1/min | 减速机规格<br>Reducer sizes     |           | 法兰泵规格<br>Flanged-on<br>pump size | 减速机规格<br>Reducer sizes     |           |           | 法兰泵规格<br>Flanged-on<br>Pump size |
|                                                                                |                         | 5,7,9,11                   | 6,8,10,12 |                                  | 13,15,17                   | 14        | 16,18     |                                  |
|                                                                                |                         | 速比 Ratio<br>i <sub>N</sub> |           |                                  | 速比 Ratio<br>i <sub>N</sub> |           |           |                                  |
| H2.V <sup>1)</sup>                                                             | 750 – 1800              | 6.3–22.4                   | 8 – 28    | KSW1                             | 6.3–22.4                   | 8 – 28    | 7.1–25    | KSW2                             |
| H3.V <sup>1)</sup>                                                             | 1201 – 1800             | 25–40                      | 31.5–50   | KSW2                             | 22.4–50                    | 28 – 63   | 25 – 56   | KSW3                             |
|                                                                                |                         | 45 – 90                    | 56– 112   | KSW3                             | 56–90                      | 71 – 112  | 63 – 90   | KSW4                             |
|                                                                                |                         |                            |           |                                  |                            |           | 100       | *                                |
|                                                                                | 901 – 1200              | 25 – 56                    | 31.5–71   | KSW3                             | 22.4–31.5                  | 28–40     | 25 – 35.5 | KSW3                             |
|                                                                                |                         | 63 – 90                    | 80 – 112  | *                                | 35.5 – 56                  | 45–71     | 40–63     | KSW4                             |
|                                                                                |                         |                            |           |                                  | 63 – 90                    | 80– 112   | 71 – 100  | *                                |
|                                                                                | 750 – 900               | 25–45                      | 31.5–56   | KSW3                             | 22.4–25                    | 28 – 31.5 | 25 – 28   | KSW3                             |
|                                                                                |                         | 50– 90                     | 63 – 112  | *                                | 28–45                      | 35.5 – 56 | 31.5 – 50 | KSW4                             |
|                                                                                |                         |                            |           |                                  | 50–90                      | 63 – 112  | 56– 100   | *                                |
| H4.V <sup>1)</sup>                                                             | 1201 – 1800             | 100 – 224                  | 125 – 280 | KSW3                             | 100 – 355                  | 125 – 450 | 112 – 400 | *                                |
|                                                                                |                         | 250 – 355                  | 315 – 450 | *                                |                            |           |           |                                  |
|                                                                                | 901 – 1200              | 100 – 140                  | 125 – 180 | KSW3                             |                            |           |           |                                  |
|                                                                                |                         | 160 – 355                  | 200 – 450 | *                                |                            |           |           |                                  |
|                                                                                | 750 – 900               | 100 – 112                  | 125 – 140 | KSW3                             |                            |           |           |                                  |
|                                                                                |                         | 125 – 335                  | 160 – 450 | *                                |                            |           |           |                                  |
| * = 所需电动泵,参见表7<br>*=Motor pump require,see table 7.                            |                         |                            |           |                                  |                            |           |           |                                  |

1) 布置形式A,C

DesignA,C

| 表 7 Table 7                                                                    |           |               |         |
|--------------------------------------------------------------------------------|-----------|---------------|---------|
| 立式安装平行轴减速机采用法兰泵<br>Assignment of flanged-on pumps to vertical helical reducers |           |               |         |
| 类型 Types                                                                       | 规格 Sizes  | 布置方式 Design   | 油泵 Pump |
| H2.V                                                                           | 5 ... 18  | A / B / C / D | 1)      |
| H3.V                                                                           | 5 ... 18  | A / C         | SF 2/8  |
|                                                                                | 5 ... 12  | B/D           | SF 2/8  |
|                                                                                | 13 ... 18 |               | SF 2/13 |
| H4.V                                                                           | 7 ... 12  | A/C           | SF 2/8  |
|                                                                                | 13 ... 18 |               | SF 2/13 |
|                                                                                | 7 ... 18  | B / D         | SF 2/13 |

1) 只提供法兰泵 Flanged-on pump only

# 直交轴减速机 Bevel-helical Reductors

# 强制润滑方式 Forced Lubrication for

类型 B2... B4 Types B2... B4

规格 5 ... 18 立式安装 Sizes 5 ... 18 Vertical

| 表格 8 Table 8                                                          |                                                                             |        |                   |        |
|-----------------------------------------------------------------------|-----------------------------------------------------------------------------|--------|-------------------|--------|
| 40℃以下的ISOVG-粘度,<br>mm/s(cSt)<br>Viscosity ISO-Vgat40℃<br>in mm/s(cSt) | 强制润滑允许极限温度℃ Permissible temperature limit in °C for forced feed lubrication |        |                   |        |
|                                                                       | 矿物油 Mineral oil                                                             |        | 合成油 Synthetic oil |        |
|                                                                       | 最低 min                                                                      | 最高 max | 最低 min            | 最高 max |
| VG220                                                                 | 10                                                                          | 80     | 0                 | 90     |
| VG320                                                                 | 15                                                                          | 90     | 5                 | 100    |
| VG460                                                                 | 20                                                                          | 95     | 10                | 105    |

## 强制润滑 Forced lubrication:

当使用强制润滑时，工作粘度不得超过1800cSt。

最低工作粘度不得小于25cSt。

当油温低于表8所列的数值时，必须提供浸油润滑方式，或者对润滑油进行加热。

In case of forced lubrication, the operating Viscosity 1800cSt must not be exceeded during starting.

A minimum operating viscosity of 25cSt must be ensured.If the temperatures are below the values as listed in table 8,dip Lubrication has to be provided or the oil must be heated

| 表 格 9    Table 9 |  |  |  |  |  |  |  |  |
|------------------|--|--|--|--|--|--|--|--|
|------------------|--|--|--|--|--|--|--|--|

1)布置形式A, B DesignA,B  
2)布置形式C, D DesignC,D



直交轴减速机 Bevel-helical Reductors

强制润滑方式 Forced Lubrication for

类型 B2... B4 Types B2... B4

规格 5 ... 18 立式安装 Sizes 5 ... 18 Vertical

| 表 10 Table 10                                                               |                         |                       |              |                               |                       |          |          |                               |
|-----------------------------------------------------------------------------|-------------------------|-----------------------|--------------|-------------------------------|-----------------------|----------|----------|-------------------------------|
| 立式安装直交轴减速机采用法兰泵<br>Assignment of flanged-on vertical bevel-helical reducers |                         |                       |              |                               |                       |          |          |                               |
| 类型<br>Types                                                                 | n <sub>1</sub><br>1/min | 减速机规格<br>Reducer size |              | 法兰泵规格<br>Flanged-on pump size | 减速机规格<br>Reducer size |          |          | 法兰泵规格<br>Flanged-on pump size |
|                                                                             |                         | 5, 7, 9, 11           | 6, 8, 10, 12 |                               | 13, 15, 17            | 14       | 16, 18   |                               |
|                                                                             |                         | 速比 Ratio              |              |                               | 速比 Ratio              |          |          |                               |
|                                                                             |                         | i <sub>N</sub>        |              |                               | i <sub>N</sub>        |          |          |                               |
| B2.V <sup>1)</sup>                                                          | 1201 – 1800             | 5–6.3                 | 6.3–8        | KSW 1                         | 5–6.3                 | 6.3–8    | 5.6–7.1  | KSW 2                         |
|                                                                             |                         | 7.1–11.2              | 9–14         | KSW 2                         | 7.1–11.2              | 9–14     | 8–12.5   | KSW 3                         |
|                                                                             | 901 – 1200              | 5–8                   | 6.3–10       | KSW 2                         | 5–10                  | 6.3–12.5 | 5.6–11.2 | KSW 3                         |
|                                                                             |                         | 9–11.2                | 11.2–14      | KSW 3                         | 11.2                  | 14       | 12.5     | *                             |
|                                                                             | 750 – 900               | 5–6.3                 | 6.3–8        | KSW 2                         | 5–7.1                 | 6.3–9    | 5.6–8    | KSW 3                         |
|                                                                             |                         | 7.1–10                | 9–12.5       | KSW 3                         | 8–11.2                | 10–14    | 9–12.5   | *                             |
| B3.V <sup>1)</sup>                                                          | 1201 – 1800             | 11.2                  | 14           | *                             |                       |          |          |                               |
|                                                                             |                         | 12.5–35.5             | 16–45        | KSW 2                         | 12.5–22.4             | 16–28    | 14–25    | KSW 2                         |
|                                                                             |                         | 40–71                 | 50–90        | KSW 3                         | 25–50                 | 31.5–63  | 28–56    | KSW 3                         |
|                                                                             | 901 – 1200              |                       |              |                               | 56–71                 | 71–90    | 63–80    | KSW 4                         |
|                                                                             |                         | 12.5–25               | 16–31.5      | KSW 2                         | 12.5–35.5             | 16–45    | 14–40    | KSW 3                         |
|                                                                             |                         | 28–50                 | 35.5–63      | KSW 3                         | 40–56                 | 50–71    | 45–63    | KSW 4                         |
|                                                                             | 750 – 900               | 56–71                 | 71–90        | *                             | 63–71                 | 80–90    | 71–80    | *                             |
|                                                                             |                         | 12.5–35.5             | 16–45        | KSW 3                         | 12.5–25               | 16–31.5  | 14–28    | KSW 3                         |
|                                                                             |                         | 40–71                 | 50–90        | *                             | 28–40                 | 35.5–50  | 31.5–45  | KSW 4                         |
|                                                                             |                         |                       |              |                               | 45–71                 | 56–90    | 50–80    | *                             |
| B4.V <sup>1)</sup>                                                          | 1201 – 1800             | 80–100                | 100–224      | KSW 3                         | 80–315                | 100–400  | 90–355   | *                             |
|                                                                             |                         | 200–315               | 250–400      | *                             |                       |          |          |                               |
|                                                                             | 901 – 1200              | 80–125                | 100–160      | KSW 3                         |                       |          |          |                               |
|                                                                             |                         | 140–315               | 180–400      | *                             |                       |          |          |                               |
|                                                                             | 750 – 900               | 80–90                 | 100–112      | KSW 3                         |                       |          |          |                               |
|                                                                             |                         | 100–315               | 125–400      | *                             |                       |          |          |                               |
| * = 所需电动泵,参见表 11。 * = Motor pump required ,see table 11                     |                         |                       |              |                               |                       |          |          |                               |

\* = 所需电动泵,参见表 11。 \* = Motor pump required ,see table 11

- 1) 布置形式 C, D Design C, D
- 2) 布置形式 A, B Design A, B

| 表 11 Table 11                                                               |           |             |         |
|-----------------------------------------------------------------------------|-----------|-------------|---------|
| 立式安装直交轴减速机采用法兰泵<br>Assignment of flanged-on vertical bevel-helical reducers |           |             |         |
| 类型 Types                                                                    | 规格 Size   | 布置方式 Design | 油泵 Pump |
| B2.V                                                                        | 5 ... 12  | A / B       | SF 2/5  |
|                                                                             | 13 ... 18 |             | SF 2/8  |
|                                                                             | 5 ... 18  | C / D       | SF 2/8  |
| B3.V                                                                        | 5 ... 12  | A/B         | SF 2/8  |
|                                                                             | 13 ... 18 |             | SF 2/13 |
|                                                                             | 5 ... 12  | C / D       | SF 2/8  |
|                                                                             | 13 ... 18 |             | SF 2/13 |
| B4.V                                                                        | 5 ... 12  | A / B       | SF 2/8  |
|                                                                             | 13 ... 18 |             | SF 2/13 |
|                                                                             | 5 ... 12  | C/D         | SF 2/8  |
|                                                                             | 13 ... 18 |             | SF 2/13 |

# 减速机 Reductors

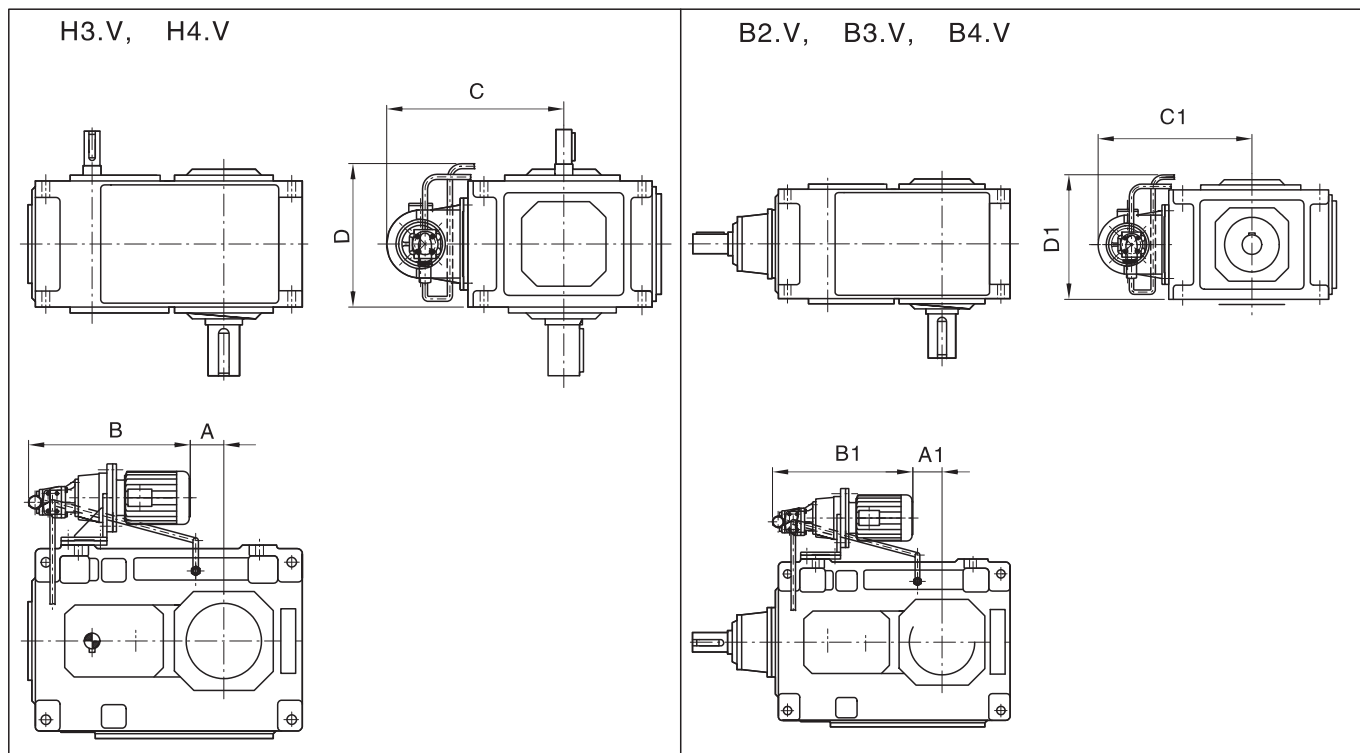
# 电动泵强制润滑方式

# Mounted Motor Pumps

类型 H3, H4, B2, B3, B4 Types

H3, H4, B2, B3, B4

规格 5 ... 18 立式安装 Sizes 5 ... 18 Vertical



表格 12 Table 12

安装尺寸 Mounting dimensions on mm

| 类型<br>Types | 规格<br>Size | 布置形式<br>Design | A         | B    | C   | D   |
|-------------|------------|----------------|-----------|------|-----|-----|
| H3.V        | 5 / 6      | A/B/C/D        | -30 / 5   | 560  | 480 | 385 |
|             | 7 / 8      | A/B/C/D        | 55 / 100  | 585  | 550 | 430 |
|             | 9 / 10     | A/B/C/D        | 140 / 190 | 610  | 565 | 500 |
|             | 11 / 12    | A/B/C/D        | 375 / 445 | 530  | 625 | 560 |
|             | 13 / 14    | A / C          | 155 / 225 | 880  | 670 | 700 |
|             | 13 / 14    | B / D          | 100 / 170 | 935  | 670 | 700 |
|             | 15 / 16    | A / C          | 275 / 320 | 965  | 710 | 770 |
|             | 15 / 16    | B / D          | 220 / 265 | 1020 | 710 | 770 |
|             | 17 / 18    | A / C          | 250 / 310 | 1040 | 770 | 835 |
|             | 17 / 18    | B / D          | 195 / 255 | 1095 | 770 | 835 |
| H4.V        | 7 / 8      | A / C          | 55 / 100  | 600  | 550 | 430 |
|             | 7 / 8      | B / D          | 0 / 45    | 680  | 550 | 430 |
|             | 9 / 10     | A / C          | 140 / 190 | 625  | 565 | 500 |
|             | 9 / 10     | B / D          | 85 / 135  | 705  | 565 | 500 |
|             | 11 / 12    | A / C          | 375 / 445 | 550  | 625 | 560 |
|             | 11 / 12    | B / D          | 320 / 390 | 635  | 625 | 560 |
|             | 13 / 14    | A/B/C/D        | 135 / 205 | 910  | 670 | 700 |
|             | 15 / 16    | A/B/C/D        | 255 / 300 | 1000 | 710 | 775 |
|             | 17 / 18    | A/B/C/D        | 230 / 290 | 1070 | 775 | 835 |

表格 13 Table 13

安装尺寸 Mounting dimensions on mm

| 类型<br>Types | 规格<br>Size | 布置形式<br>Design | A <sub>1</sub> | B <sub>1</sub> | C <sub>1</sub> | D <sub>1</sub> |
|-------------|------------|----------------|----------------|----------------|----------------|----------------|
| B2.V        | 5 / 6      | A/B/C/D        | -160 / -125    | 480            | 470            | 415            |
|             | 7 / 8      | A/B/C/D        | 5 / 50         | 480            | 525            | 510            |
|             | 9 / 10     | A/B/C/D        | 60 / 110       | 480            | 565            | 570            |
|             | 11 / 12    | A/B/C/D        | 150 / 220      | 480            | 625            | 660            |
|             | 13 / 14    | A/B/C/D        | -70 / 0        | 755            | 670            | 805            |
|             | 15 / 16    | A/B/C/D        | 15 / 60        | 780            | 710            | 910            |
|             | 17 / 18    | A/B/C/D        | -5 / 55        | 890            | 775            | 1025           |
| B3.V        | 5 / 6      | A/B/C/D        | -85 / -50      | 480            | 480            | 365            |
|             | 7 / 8      | A/B/C/D        | -5 / 40        | 480            | 550            | 430            |
|             | 9 / 10     | A/B/C/D        | 65 / 115       | 480            | 565            | 500            |
|             | 11 / 12    | A/B/C/D        | 280 / 350      | 480            | 625            | 560            |
|             | 13 / 14    | A/B/C/D        | 35 / 105       | 810            | 670            | 700            |
|             | 15 / 16    | A/B/C/D        | 120 / 165      | 875            | 710            | 775            |
|             | 17 / 18    | A/B/C/D        | 165 / 225      | 970            | 775            | 835            |
| B4.V        | 5 / 6      | A/B/C/D        | -35 / 0        | 480            | 480            | 385            |
|             | 7 / 8      | A/B/C/D        | 55 / 100       | 480            | 550            | 430            |
|             | 9 / 10     | A/B/C/D        | 140 / 190      | 615            | 565            | 500            |
|             | 11 / 12    | A/B/C/D        | 375 / 445      | 530            | 625            | 560            |
|             | 13 / 14    | A/B/C/D        | 135 / 205      | 905            | 670            | 700            |
|             | 15 / 16    | A/B/C/D        | 255 / 300      | 990            | 710            | 775            |
|             | 17 / 18    | A/B/C/D        | 230 / 290      | 1065           | 775            | 835            |

减速机 Reductors

采用实心轴、带储油管的齿轮箱的润滑油供给方式

Oil Supply for Gear Units With Solid Shaft and Oil Retaining

类型 H2... H4, B2... B4 Types H2... H4, B2... B4

规格 5 ... 18 立式安装 Sizes 5 ... 18 Vertical

| 表14 Table 14                              |            |                 |   |
|-------------------------------------------|------------|-----------------|---|
| 可选润滑油供给方式<br>Possible oil supply variants |            |                 |   |
| 类型<br>Types                               | 规格<br>Size | 布置形式 Design     |   |
|                                           |            | B               | C |
| H2SV                                      | 5 – 6      | O <sup>1)</sup> | – |
|                                           | 7 – 12     | O <sup>2)</sup> | – |
|                                           | 13 – 18    | O <sup>3)</sup> | – |
| H3SV                                      | 5 – 7      | O               | – |
|                                           | 7 – 12     | O               | – |
|                                           | 13 – 18    | O               | – |
| H4SV                                      | 5 – 6      | –               | O |
|                                           | 7 – 12     | –               | O |
|                                           | 13 – 18    | –               | O |
| B3SV                                      | 5 – 6      | –               | O |
|                                           | 7 – 12     | –               | O |
|                                           | 13 – 18    | –               | O |
| B4SV                                      | 5 – 6      | –               | O |
|                                           | 7 – 12     | –               | O |
|                                           | 13 – 18    | –               | O |

- = 布置形式不允许    Design not possible
- O = 可选强制润滑    Forced lubrication possible
- 1) 对于规格5号减速机, 仅适用于速比 $i \leq 16$     For size 5 only possible up to  $i \leq 16$
- 2) 对于规格7号减速机, 仅适用于速比  $i \leq 16$     For size 7 only possible up to  $i \leq 16$   
对于规格11号减速机, 仅适用于速比  $i \leq 18$     For size11 only possible up to  $i \leq 18$
- 3) 对于规格13号减速机, 仅适用于速比  $i \leq 18$     For size 13 only possible up to  $i \leq 18$   
对于规格17号减速机, 仅适用于速比  $i \leq 16$     For size 17 only possible up to  $i \leq 16$

减速机 Reductors      润滑油供给方式监测之件 Oil Supply for  
 类型 H2... H4, B2... B4 Types H2... H4, B2... B4  
 立式安装 Vertical      规格 5...18 Sizes 5...18

| 减速机规格 5...12<br>Reductor size 5...12 | 减速机规格 13...18<br>Reductor size 13...18             |
|--------------------------------------|----------------------------------------------------|
| a)过滤器<br>Coarse filter               | a)双切换过滤器<br>Double change-over filter              |
| b) 压力监测开关<br>Preesure monitor        | b) 压力监测开关<br>Preesure monitor                      |
|                                      | c)压力表连接G 1/2<br>Connection for preesure gauge G1/2 |

a) 过滤器用于滤除和收集杂质颗粒，以保护传动装置的安全。  
 双切换过滤器带有并排布置的两个滤筒，设有一个光电污染指示器。

压差  $\Delta p = 2\text{bar}$ ; 1个切换触点

电器参数最大额定值

切换电压  $U \leq 250\text{V DC+AC}$

切换电流  $I \leq 1\text{A}$

切换容量  $P \leq 30\text{W}$ 或  $\leq 60\text{VA}$

保护级别: IP65

b) 当油压降至0.5bar以下时，压力监测开关通过报警系统可发出光、声报警信号，或关闭该系统。

技术参数:

最大切换能力:

(交流) 2A/250V,AC/250VA

(直流) 4A/200V,DC/20W

保护级别: IP65

a) Coarse filters serve to protect downstream units by catching and collecting dirt particles.

Double change-over filters with opposed cylinders have an opot-electrical contaminationindicator.

Differential pressure  $\Delta p = 2\text{bar}$ ; 1 change over contact.

Electrical maximum ratings:

Switching voltage  $U \leq 250\text{V DC+AC}$

Switching current  $I \leq 1\text{A}$

Switching capability  $P \leq 30\text{W}$  or  $\leq 60\text{VA}$

Type of protection Ip65

b) When the oil pressure drops below 0.5 bar. the pressure monitor in combination with a qwarning system can give an optical or acoustical warning or switch off the system'

Technicaldata:

Max.switching capacity:

2A/250V;AC/250VA(alternating current)

4A/200V;DC/20W(direct current)

Tyoe of protection IP65

减速机 Reductors

布置形式 Design

类型 H2... H4, B2... B4 Types H2... H4, B2... B4

规格 1 ... 26 Sizes 1 ... 26

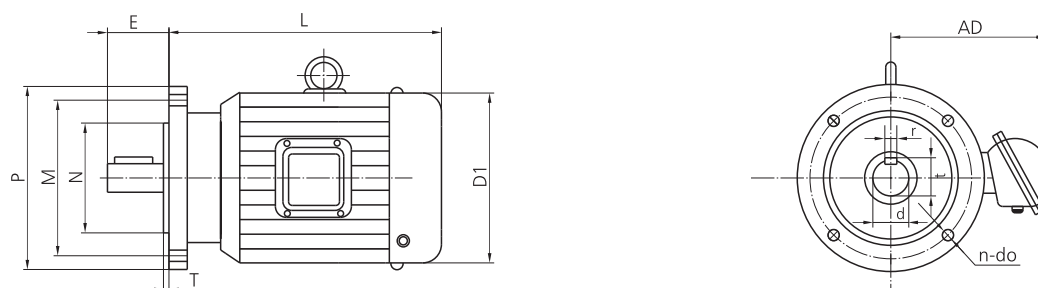
| 平行轴减速机 Helical Reductors                                     |   |   | 直交轴减速机 Bevel-helical Reductors                               |     |   |
|--------------------------------------------------------------|---|---|--------------------------------------------------------------|-----|---|
| H.SH, H.SV 实心轴 Solid shaft                                   |   |   | B.SH, B.SV 实心轴 Solid shaft                                   |     |   |
| A                                                            | B | C | A                                                            | B   | C |
| D                                                            | E | F | D                                                            | E   | F |
| G                                                            | H | I |                                                              |     |   |
| H.DH, H.DM, H.DV 带胀紧盘的空心轴<br>Hollow shaft for shrink disk *) |   |   | B.DH, B.DM, B.DV 带胀紧盘的空心轴<br>Hollow shaft for shrink disk *) |     |   |
| A                                                            | B | C | A                                                            | B   |   |
| D                                                            | G | H | C                                                            | D   |   |
| H.HH, H.HM, H.HV 空心轴<br>Hollow shaft *)                      |   |   | B.HH, B.HM, B.HV 空心轴<br>Hollow shaft *)                      |     |   |
| A                                                            | B | G | A/B                                                          | C/D |   |

\*) 箭头表示工作机驱动轴插入方向  
The arrow indicates the direction of insertion of the driven machine shaft.

| 周边 Attachment side |  |                                                                                                                                                                           |
|--------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                    |  | <div>X 终端面上D<sub>1</sub>的视图<br/>View on end face of D<sub>1</sub></div> <div>L LH 边上的连接件<br/>Attachment on LH side</div> <div>R RH 边上的连接件<br/>Attachment on RH side</div> |

# 标准电机(B5)外形和安装尺寸

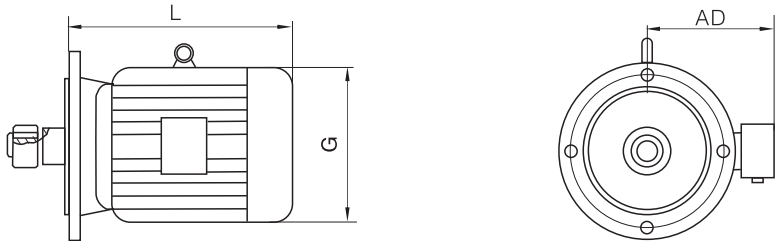
## Appearance and Installation Size of Standard Electric Motor (B5)



| 电机<br>motor | 电机功率、极数<br>motor power and poles |              |              | 尺 寸<br>Size |              |     |     |        |           |         |       |       |     |     |              |
|-------------|----------------------------------|--------------|--------------|-------------|--------------|-----|-----|--------|-----------|---------|-------|-------|-----|-----|--------------|
| 机座号<br>type | 4P                               | 6P           | 8P           | M           | N<br>( JS6 ) | P   | T   | n-do   | d         | E       | r     | t     | D1  | AD  | L            |
| Y56         | 0.09<br>0.12                     |              |              | 100         | 80           | 120 | 3   | 4 × 9  | 9j6       | 20      | 3     | 11.2  | 115 | 90  | 190          |
| Y63         | 0.12<br>0.18                     |              |              | 115         | 95           | 140 | 3   | 4 × 10 | 11j6      | 23      | 4     | 12.5  | 130 | 70  | 217          |
| Y71         | 0.25<br>0.37                     | 0.18<br>0.25 |              | 130         | 110          | 160 | 3.5 | 4 × 10 | 14j6      | 30      | 5     | 16    | 145 | 80  | 225          |
| Y80         | 0.55<br>0.75                     | 0.37<br>0.55 | 0.18<br>0.25 | 165         | 130          | 200 | 3.5 | 4 × 10 | 19j6      | 40      | 6     | 21.5  | 165 | 150 | 225          |
| 90S         | 1.1                              | 0.75         | 0.37         | 165         | 130          | 200 | 3.5 | 4 × 10 | 24j6      | 50      | 8     | 27    | 175 | 155 | 270          |
| 90L         | 1.5                              | 1.1          | 0.55         | 165         | 130          | 200 | 3.5 | 4 × 10 | 24j6      | 50      | 8     | 27    | 175 | 155 | 295          |
| 100L1       | 2.2                              | 1.5          | 0.75         | 215         | 180          | 250 | 4   | 4 × 15 | 28j6      | 60      | 8     | 31    | 215 | 180 | 325          |
| 100L2       | 3.0                              |              | 1.1          | 215         | 180          | 250 | 4   | 4 × 15 | 28j6      | 60      | 8     | 31    | 215 | 180 | 325          |
| 112M        | 4.0                              | 2.2          | 1.5          | 215         | 180          | 250 | 4   | 4 × 15 | 28j6      | 60      | 8     | 31    | 240 | 190 | 345          |
| 132S        | 5.5                              | 3.0          | 2.2          | 265         | 230          | 300 | 4   | 4 × 15 | 38K6      | 80      | 10    | 41    | 275 | 210 | 390          |
| 132M        | 7.5                              | 4.0<br>5.5   | 3.0          | 265         | 230          | 300 | 4   | 4 × 15 | 38K6      | 80      | 10    | 41    | 275 | 210 | 410          |
| 160M        | 11                               | 7.5          | 4.0<br>5.5   | 300         | 250          | 350 | 5   | 4 × 19 | 42K6      | 110     | 12    | 46    | 330 | 255 | 505          |
| 160L        | 15                               | 11           | 7.5          | 300         | 250          | 350 | 5   | 4 × 19 | 42K6      | 110     | 12    | 46    | 330 | 255 | 505          |
| 180M        | 18.5                             |              |              | 300         | 250          | 350 | 5   | 4 × 19 | 48K6      | 110     | 14    | 51.5  | 380 | 280 | 590          |
| 180L        | 22                               | 15           | 11           | 300         | 250          | 350 | 5   | 4 × 19 | 48K6      | 110     | 14    | 51.5  | 380 | 280 | 630          |
| 200L        | 30                               | 18.5<br>22   | 15           | 350         | 300          | 400 | 5   | 4 × 19 | 55M6      | 110     | 16    | 59    | 420 | 305 | 660          |
| 225S        | 37                               |              | 18.5         | 400         | 350          | 450 | 5   | 4 × 19 | 60m6      | 140     | 18    | 53    | 450 | 345 | 680          |
| 225M        | 45                               | 30           | 22           | 400         | 350          | 450 | 5   | 8 × 19 | 55m6 60m6 | 110 140 | 16 18 | 60 65 | 450 | 345 | 705          |
| 250M        | 55                               | 37           | 30           | 500         | 450          | 550 | 5   | 8 × 19 | 60m6 65m6 | 140     | 18 18 | 65 70 | 510 | 370 | 770          |
| 280S        | 75                               | 45           | 37           | 500         | 450          | 550 | 5   | 8 × 19 | 65m6 75m6 | 140     | 18 20 | 70 80 | 580 | 410 | 845          |
| 280M        | 90                               | 55           | 45           | 500         | 450          | 550 | 5   | 8 × 19 | 65m6 75m6 | 140     | 18 20 | 70 80 | 580 | 410 | 895          |
| 315S        | 110                              | 75           |              | 600         | 550          | 660 | 6   | 8 × 24 | 65m6 80m6 | 140 170 | 18 22 | 70 87 | 645 | 530 | 1020<br>1130 |
| 315M        | 132                              | 90           |              | 600         | 550          | 660 | 6   | 8 × 24 | 65m6 80m6 | 140 170 | 18 22 | 70 87 | 645 | 530 | 1050<br>1160 |

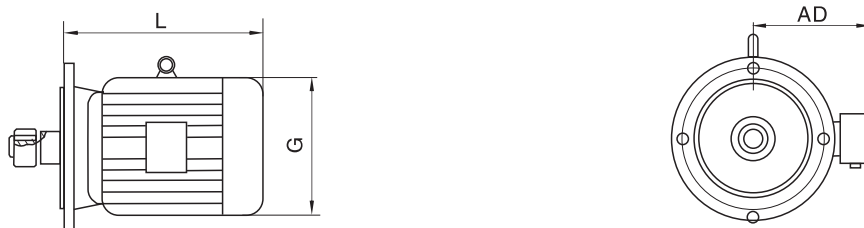


R..1、 R、 F、 K、 S系列齿轮减速器配直联电机外型尺寸:  
Appearance and Dimension of R..1、 R、 F、 K、 S series Gear Speed Reducer Furnished With DiWR..1t Connection Motor.



| 电机机座号<br>Motor<br>baseframe<br>type | 电机功率、极数<br>Motor power and poles |              |              | 减速器型号<br>Models of Speed Reducers                                       | 尺寸(mm)<br>Size |     |     |
|-------------------------------------|----------------------------------|--------------|--------------|-------------------------------------------------------------------------|----------------|-----|-----|
|                                     | 4P                               | 6P           | 8P           |                                                                         | L              | G   | AD  |
| Y71                                 | 0.25<br>0.37                     | 0.18<br>0.25 |              | R..1(51、 61)<br>F(37、 47、 57、 67)<br>S(37、 47、 57、 67)                  | 245            | 145 | 80  |
|                                     |                                  |              |              | R(17、 27、 37、 47、 57、 67)<br>K(37、 47、 57、 67)                          | 233            |     |     |
| Y80                                 | 0.55<br>0.75                     | 0.37<br>0.55 | 0.18<br>0.25 | R..1(51、 61、 71)<br>F(37、 47、 57、 67、 77)<br>S(37、 47、 57、 67、 77)      | 278            | 165 | 150 |
|                                     |                                  |              |              | R(87、 97)<br>K87<br>S(87、 97)                                           | 246            |     |     |
| Y90S                                | 1.1                              | 0.75         | 0.37         | R..1(51、 61、 71)<br>F(37、 47、 57、 67、 77)<br>S(37、 47、 57、 67、 77)      | 304            | 175 | 155 |
|                                     |                                  |              |              | R(87、 97)<br>K(87、 97) S(87、 97)                                        | 280            |     |     |
| Y90L                                | 1.5                              | 1.1          | 0.55         | R..1(51、 61、 71)<br>F(37、 47、 57、 67、 77)<br>S(37、 47、 57、 67、 77)      | 328            | 175 | 155 |
|                                     |                                  |              |              | R(87、 97)<br>K(87、 97) S(87、 97)                                        | 304            |     |     |
| Y100                                | 2.2<br>3                         | 1.5          | 0.75<br>1.1  | R27、 R37、 F37、 F47、 K37、 S47、 S57                                       | 340            | 215 | 180 |
|                                     |                                  |              |              | R..1(51、 61、 71、 81)<br>F(57、 67、 77、 87)<br>S(67、 77、 87)              | 350            |     |     |
|                                     |                                  |              |              | R..1 91 R97 F97 K97 S97                                                 | 315            |     |     |
|                                     |                                  |              |              | R..1 101 R107 F107 K107                                                 | 318            |     |     |
| Y112                                | 4                                | 2.2          | 1.5          | R..1(51、 61、 71、 81)<br>F(57、 67、 77、 87)<br>S(67、 77、 87)              | 380            | 240 | 190 |
|                                     |                                  |              |              | R..1(91、 101) R(97、 107) F(97、 107)<br>K(97、 107) S97                   | 334            |     |     |
| Y132S                               | 5.5                              | 3            | 2.2          | R..1(51、 61、 71、 81、 91)<br>F(67、 77、 87、 97)<br>S(67、 77、 87、 97)      | 425            | 275 | 210 |
|                                     |                                  |              |              | R..1101、 R107、 F107、 K107                                               | 386            |     |     |
|                                     |                                  |              |              | R137                                                                    | 388            |     |     |
| Y132M                               | 7.5                              | 4<br>5.5     | 3            | R..1(51、 61、 71、 81、 91)<br>F(67、 77、 87、 97、 107)<br>S(67、 77、 87、 97) | 461            | 275 | 210 |
|                                     |                                  |              |              | R..1101、 R107、 F107、 K107                                               | 422            |     |     |
|                                     |                                  |              |              | R137、 R147、 F127、 K127                                                  | 424            |     |     |

**R..1、 R、 F、 K、 S系列齿轮减速器配直联电机外型尺寸:**  
**Appearance and Dimension of R..1、 R、 F、 K、 S series Gear Speed Reducer Furnished With DiWR..1t Connection Motor.**



| 电机机座号<br>Motor<br>baseframe<br>type | 电机功率、极数(kW)<br>Motor power and poles |            |          | 减速器型号<br>Models of Speed Reducers                                              | 尺寸(mm)<br>Size |     |     |
|-------------------------------------|--------------------------------------|------------|----------|--------------------------------------------------------------------------------|----------------|-----|-----|
|                                     | 4P                                   | 6P         | 8P       |                                                                                | L              | G   | AD  |
| Y160M                               | 11                                   | 7.5        | 4<br>5.5 | R..1(71、81、91)      R(77、87、97)<br>F(77、87、97)      K(77、87、97)<br>S(77、87、97) | 524            | 330 | 255 |
|                                     |                                      |            |          | R..1101、 R107、 F107、 K107                                                      | 504            |     |     |
|                                     |                                      |            |          | R137                                                                           | 476            |     |     |
|                                     |                                      |            |          | R(147、167)      F(127、157)      K(127、157、167、187)                             | 567            |     |     |
| Y160L                               | 15                                   | 11         | 7.5      | R..1(81、91)      R(87、97)<br>F(87、97、107)      K(87、97)<br>S(87、97)            | 547            | 330 | 255 |
|                                     |                                      |            |          | R..1101、 R(107、137)、 F107、 K107                                                | 519            |     |     |
|                                     |                                      |            |          | R(147、167)      K(127、157、167、187)<br>F(127、157)                               | 602            |     |     |
| Y180M                               | 18.5                                 |            |          | R..181、 R87、 F87、 K87、 S87                                                     | 583            | 380 | 280 |
|                                     |                                      |            |          | R..1(91、101)      R(97、107、137)<br>F(97、107)      K(97、107)<br>S97             | 555            |     |     |
|                                     |                                      |            |          | R147、 K127、 F127                                                               | 583            |     |     |
|                                     |                                      |            |          | R167、 K(157、167、187)、 F157                                                     | 635            |     |     |
| Y180L                               | 22                                   | 15         | 11       | R..181、 R87、 F87、 K87、 S87                                                     | 616            | 380 | 280 |
|                                     |                                      |            |          | R..1(91、101)      R(97、107、137)<br>F(97、107)      K(97、107)<br>S97             | 588            |     |     |
|                                     |                                      |            |          | R147、 K127、 F127                                                               | 616            |     |     |
|                                     |                                      |            |          | R167、 K(157、167、187)、 F157                                                     | 666            |     |     |
| Y200L                               | 30                                   | 18.5<br>22 | 15       | R..1(91、101)      R(97、107)<br>F(97、107)      K(97、107)                        | 654            | 420 | 305 |
|                                     |                                      |            |          | R137、 R147、 K127、 F127                                                         | 654            |     |     |
|                                     |                                      |            |          | R167、 K(157、167、187)、 F157                                                     | 642            |     |     |
| Y225S                               | 37                                   |            | 18.5     | R..1101、 R107、 R137、 F107、 K107                                                | 680            | 450 | 345 |
|                                     |                                      |            |          | R147、 K127、 F127                                                               | 674            |     |     |
|                                     |                                      |            |          | R167、 K(157、167、187)、 F157                                                     | 669            |     |     |
| Y225M                               | 45                                   | 30         | 22       | R..1101、 R107、 R137、 F107、 K107                                                | 702            | 450 | 345 |
|                                     |                                      |            |          | R147、 K127、 F127                                                               | 696            |     |     |
|                                     |                                      |            |          | R167、 K(157、167、187)、 F157                                                     | 691            |     |     |
| Y250M                               | 55                                   | 37         | 30       | R137、 R147、 K127、 F127                                                         | 775            | 510 | 370 |
|                                     |                                      |            |          | R167、 K(157、167、187)、 F157                                                     | 770            |     |     |
| Y280S                               | 75                                   | 45         | 37       | R(147、167)、 K(127、157、167、187)、 F(127、157)                                     | 828            | 580 | 410 |
| Y280M                               | 90                                   | 55         | 45       | R(147、167)、 K(127、157、167、187)、 F(127、157)                                     | 879            | 580 | 410 |
| Y315S                               | 110                                  | 75         | 55       | R167、 K(157、167、187)、 F157                                                     | 1100           | 645 | 530 |
| Y315M                               | 132                                  | 90         | 75       | R167、 K(157、167、187)、 F157                                                     | 1180           | 645 | 530 |
| Y315L1                              | 160                                  | 110        | 90       | R167、 K(157、167、187)、 F157                                                     | 1270           | 645 | 530 |
| Y315L2                              | 200                                  | 132        | 110      | R167、 K(157、167、187)、 F157                                                     | 1270           | 645 | 530 |



减速器常见故障、原因、措施

Common malfunctions,  
reasons and measures

| 故障 Malfunction                                                                       | 原因 Causes                                                            | 措施 Measures                                                                                                                                    |
|--------------------------------------------------------------------------------------|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| 减速器漏油<br>Oil-leak If gear unit                                                       | 箱体盖或者联接处的密封不良<br>Sealing at cover and connection not in good state   | 检查密封和连接处，如果必要的话，更换新的。<br>将连接处密封好。<br>Check air-proof and connection part, replace then if necessary, and seal up connection part.              |
|                                                                                      | 油封漏油<br>Oil seal leaks oil.                                          | 和售后服务部联系，换新的油封。<br>Please contact after sales service department to replace it with new oil seal.                                              |
| 油中有水<br>Water in oil                                                                 | 油中有杂物<br>Mixer in oil                                                | 用试管检查油的状态是否有水份存在。实验室分析油。<br>Classify if there is water in oil by using tube, Analyse oil in laboratory.                                        |
|                                                                                      | 润滑油冷却器或者冷却螺旋管失效<br>Cooling coil is if malfunction                    | 和售后服务部联系，找出并修理漏油之处，更换冷却器或者螺旋管。<br>Consult after-sales department, Find out and repair leakage place, Replace cooling coil.                     |
|                                                                                      | 减速机表面受机器间通风过来的凉气而产生凝露<br>Cool air will cause water drop in gear unit | 用适合的保温材料将减速机保护起来，关闭空气的出口或者在结构上改变其方向。<br>Shelter gear units with proper.                                                                        |
| 轴承处的振幅升高<br>Swing at bearing higher                                                  | 轴承损坏<br>Bearing is damaged                                           | 和售后服务部联系，检查并按需更换轴承。<br>Consult after-sales department, Check and replace gears.                                                                |
|                                                                                      | 齿轮损坏<br>Gear is damaged                                              | 和售后服务部联系，检查并按需更换齿轮。<br>Consult after-sales department, Check and replace gears.                                                                |
| 止回装置的温度过高，止回功能的失效<br>Temperature of antibackstop too high and it becomes malfunction | 止回装置损坏<br>Anti-backstop becomes malfunction                          | 和售后服务部联系，检查并按需更换止回装置。<br>Consult after-sales department, Replace anti-backstop.                                                                |
| 轴承温度升高<br>Bearing temperature rise                                                   | 箱体里面的油面过高或过低<br>Oil level is too high or low                         | 在室温下检查油面的高度并按需加油<br>Check oil level at room temperature and add or reduce oil                                                                  |
|                                                                                      | 油过于陈旧<br>Oil is used too long                                        | 和客户服务部联系。检查上次换油时间<br>Consult after-sales department Check the date that oil be replaced last time.                                             |
|                                                                                      | 油泵的机械故障<br>Malfunction of oil pump                                   | 和客户服务部联系。检查油泵的工作是否正常，修理或换新的油泵<br>Consult after-sales department Check if pump works normally, repair or replace it.                            |
|                                                                                      | 轴承损坏<br>Bearings get damaged                                         | 和售后服务部联系，查阅操作人员在振动测量中所获得的数据，检查并按需更换轴承。<br>Consult after-sales department. -look up the data about vibration. -check and replace it on request. |



## 减速器常见故障、原因、措施

### Common malfunctions, reasons and measures

| 故障 Malfunction                                   | 原因 Causes                                                                       | 措施 Measures                                                                                                                                 |
|--------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 工作温度升高<br>Working temperature too high           | 箱体里面的油面过高<br>Oil level is too high                                              | 检查油面高度，如果有必要的话进行调整。<br>Check oil level, and adjust if necessary.                                                                            |
|                                                  | 油过于陈旧<br>Oil is used too long                                                   | 和售后服务部联系。检查上一次换油的时间，如果有必要的话就更换。<br>Consult after-sales department, Check the date that oil was replaced last time, replace it if necessary. |
|                                                  | 通过水冷装置的油流过低，其原因是滤油器严重堵塞<br>Oil flux through water cooling devices is too low    | 清理滤油器<br>Clean oil filter                                                                                                                   |
|                                                  | 油泵的机械故障，油泵损坏<br>Malfunction of oil pump oil pump damage                         | 和售后服务部联系。检查油泵的功能是否正常，修理或者换新油泵。<br>Consult after-sales department, Check of oil pump works normally, Repair or replace it.                   |
|                                                  | 在配备了风扇的减速机上，风扇罩和箱体严重污染<br>Entrance of fan shield and housing polluted seriously | 清理风扇罩和箱体<br>Cleanse fan shield and housing.                                                                                                 |
|                                                  | 配备了冷却螺旋管的减速机，冷却螺旋管里面结垢<br>Residues in cooling coil                              | 和售后服务部联系。清理或者更换螺旋管。<br>Consult after-sales department, Clean or replace cooling coil.                                                       |
| 在减速机的紧固件处有大的噪声<br>High noise at tightening parts | 紧固件松动了<br>Loose of tightening parts                                             | 将螺栓/螺母拧紧到规定的扭矩。更换损坏了的螺栓、螺母。<br>Tighten nut bolt to correct state Replace damaged nut/bolt                                                   |
| 减速机的噪声变化<br>Changing noise                       | 齿轮的轮齿发生了损坏<br>Teeth of gears get damaged                                        | 和客户服务部联系。检查所有零件上的齿，更换损坏了的零件。<br>Consult after-sales department Check teeth of gears and replace damaged one.                                |
|                                                  | 轴承间隙过大<br>Clearance of bearings too big                                         | 和客户服务部联系。调整轴承间隙。<br>Consult after-sales department Adjust the clearance of bearings                                                         |
|                                                  | 轴承损坏<br>Bearings get damaged                                                    | 和客户服务部联系。更换坏的轴承。<br>Consult after-sales department Replace damaged bearings                                                                 |



## 售后服务

**after-sales service**

尊敬的客户，感谢您选用 **美的** 牌的产品，您在使用过程中如出现质量问题，请不要先拆卸零件，应说明具体情况后与本公司售后服务部联系，说明现象后，确认问题所在，以便我们更好地为您服务。

Dear respected clients, thank you for choosing products of WUMA brand. If you come across any quality problems during your use, please do not demount accessories and should report specific circumstances to our after sales department so that we are able to offer better service for you.

型号规格/Model and specification

出厂日期/Ex-factory date

编号/NO.

已使用时间/Time used

使用场合和主机名称

Application scope and name of host machine

主机生产单位/Production unit of host machine

用户单位/User unit

地址/ADD

电话/Tel

传真/Fax

邮编/P.C

联系人/Contact person

质量问题

## Quality problems

