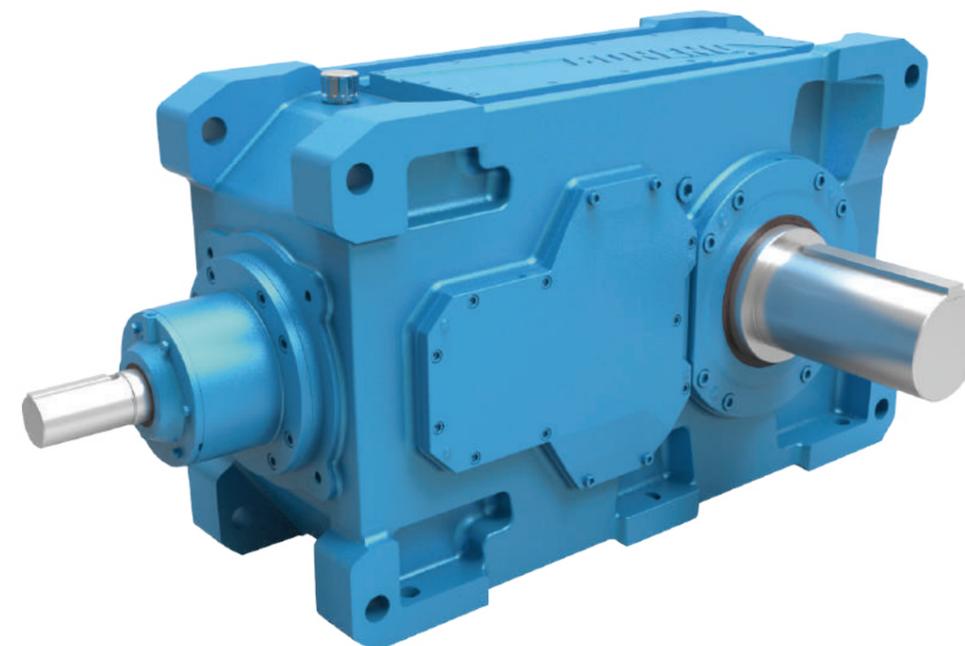


H斜齿齿轮箱&B锥齿-斜齿齿轮箱

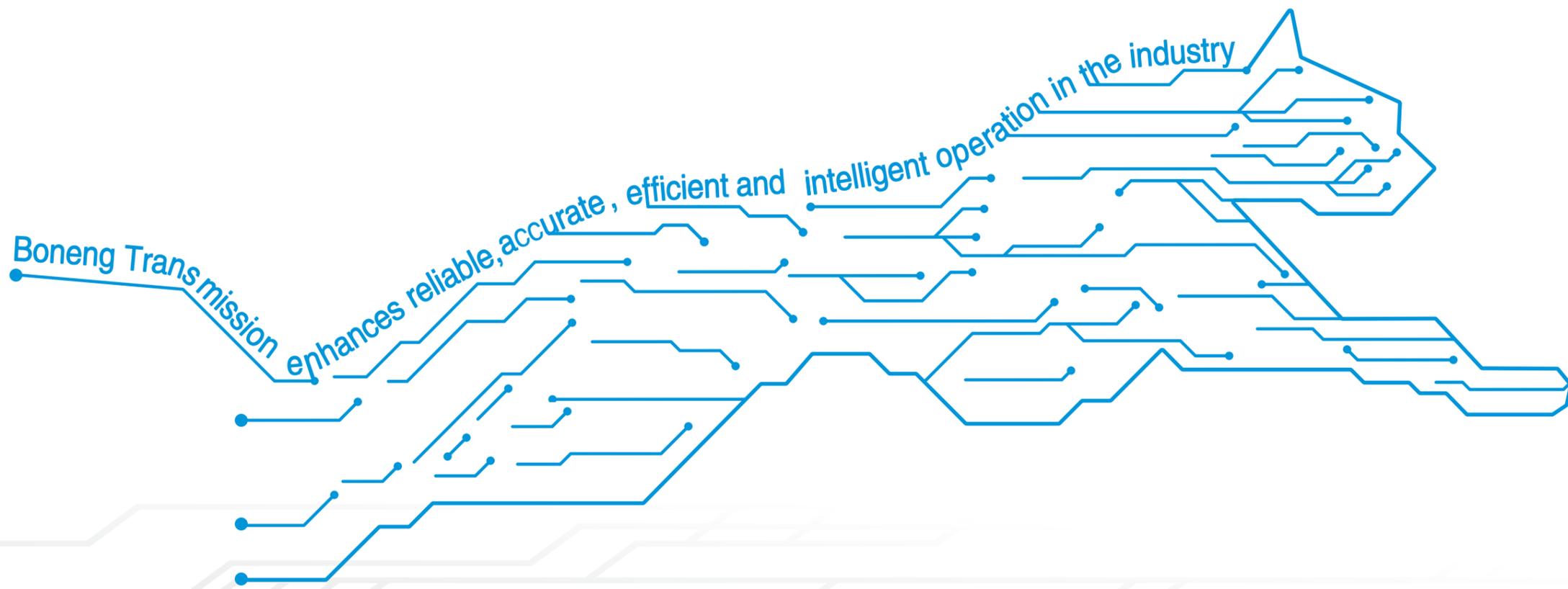
H Helical Gearbox & B Bevel-helical Gearbox



H斜齿齿轮箱&B  
锥齿-斜齿齿轮箱

H Helical Gearbox & B  
Bevel-helical Gearbox

Edit date 01/2026  
Selection Catalogue: C05.0029



控制器/驱动器/马达/  
齿轮马达/齿轮箱

Controller/ Drive/ Motor/  
Gearmotor/ Gearbox

H斜齿齿轮箱&B  
锥齿-斜齿齿轮箱

H Helical Gearbox & B  
Bevel-helical Gearbox

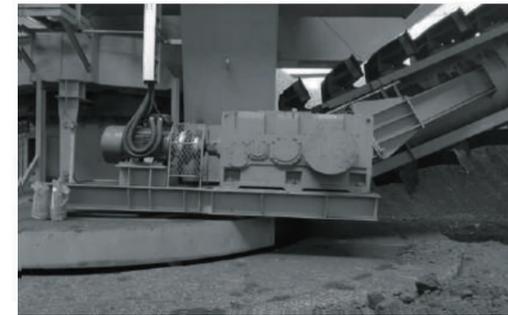


博能公司在总结二十余年齿轮箱设计制造经验，分析和吸收国际上重载齿轮箱设计制造先进技术的基础上，创新发展，推出新型H&B重载齿轮箱，以更好满足客户要求。同国际上先进的重载齿轮箱和博能公司原有H&B工业齿轮箱相比，博能公司新型H&B重载齿轮箱具有：

- ◆ 独创的模块化设计，零部件通用最大化，便于国际化生产，库存少，供货周期短。
- ◆ 独创的模块化设计，功能附件的配置互换程度高，能灵活满足客户设备要求的各种结构及布置形式和不同的使用工况。
- ◆ 传动轴系折线布置，齿轮箱在相同体积下，传动中心距加大，承载能力更强。
- ◆ 齿轮副啮合重合度增大，传动更平稳，噪声更低。
- ◆ 通过拟生态的外观设计，赋予产品运动和力量的天性内涵，体现了博能公司世界级的卓越产品设计理念，并拥有自主知识产权。
- ◆ 箱体框架式的受力结构设计，整体更强劲，底脚更牢固。
- ◆ 改进了冷却风扇和冷却盘管的设计，能更有效降低齿轮箱运行时温度。
- ◆ 输出部分轴封采用双油封密封，密封更可靠，适用工况更广泛。

On the basis of summarizing gearbox design and manufacturing experiences in the past twenty years, analyzing and absorbing advanced technology of international heavy duty gearbox production, Boneng transmission makes innovative development, pushing forward the new type H&B heavy duty gearbox to better satisfy customer requirements. Compared with internationally advanced gearbox and the original H&B industrial gearbox of Boneng, the new type H&B heavy duty gearbox have the following characteristics:

- ◆ Unique modular design, general applications of components are maximized, which is convenient for international production. Storage quantity is small, supplement circle is short.
- ◆ Unique modular design, allocation exchange degree of functional attachments flexibly satisfy various kinds of required structures, arrangement form and different working situations of customer equipment.
- ◆ Transmission shaft is in line layout, under the same volume, transmission central distance is larger, bearing capacity is larger.
- ◆ Wheel pair meshing contact ratio increases, transmission is more stable, noise is lower.
- ◆ The appearance design shows world-wide product design idea of Boneng Transmission, it owns intellectual property rights.
- ◆ Frame type load-carrying structure design, the whole structure is stronger, footing is more fastened.
- ◆ Improved cooling fan and cooling coil design can effectively reduce the temperature during gearbox running.
- ◆ Output shaft sealing applies double oil sealing, the sealing is more reliable, the applications are wider.



在煤炭、电力、石油、冶金、水泥、港口、起重运输行业，博能公司高品质、长寿命的新型齿轮箱都能满足您的要求。

In all industry, all technology team and sales of BONENG will offer best technical solution and best service to you.

# 目录

# Contents

## 注意事项:

- ◆ 样本中的结构示意图、外形图及其他附图只属范例，无严格比例要求。（未注尺寸单位均为mm）。
- ◆ 所注重量仅为平均值，并不具有约束力。

## ⚠ 必须严格遵守以下各项:

- ◆ 为防止意外事故发生，所有旋转部件均按照使用者所在国家和地区的安全规范由购置方加罩保护。
- ◆ 试车之前必须认真阅读使用说明书。
- ◆ 齿轮箱在供货时已处于准运行状态，运行前需加注润滑油。
- ◆ 本样本中注油量只作为参考值，实际注油量应以油尺上的标记为准。
- ◆ 润滑油粘度应按齿轮箱使用工况及使用环境温度选取。
- ◆ 推荐采用知名品牌的润滑油。

## 产品功能标识



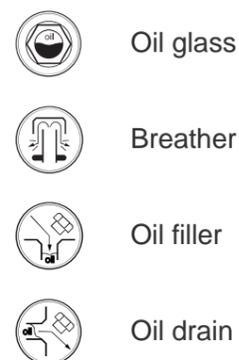
## 注意事项:

- ◆ The structure scheme, appearance diagram and other attached diagrams in sample are examples, there is no strict proportion requirement. (The unmarked dimension units are mm).
- ◆ We can only refer to the marked weight in the manual.

## ⚠ You must conform to the following instructions

- ◆ To prevent accidents, all the rotation parts should be added with protective covers according to local safety regulations and laws.
- ◆ Before testing, users should read instruction manual carefully.
- ◆ Gearbox has been tested before delivered, users should add lubrication oil before running.
- ◆ We can only refer to the marked oil in the manual. Actual oil filling level should be the same with the mark on oil immersion lens.
- ◆ Lubrication oil viscosity should be selected according to working conditions and the temperature of local environment.
- ◆ Users can only use high quality lubrication oil.

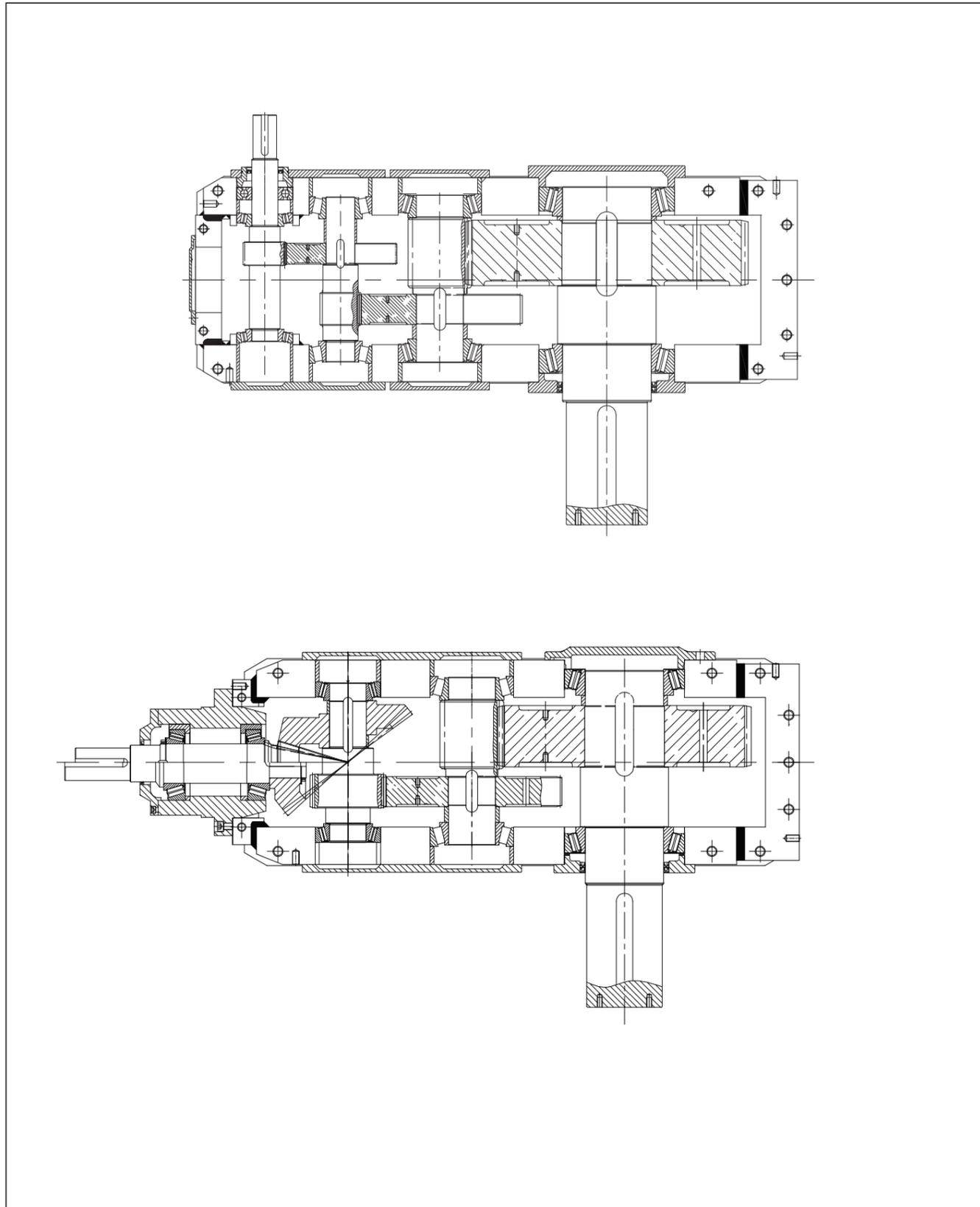
## Product Function Mark



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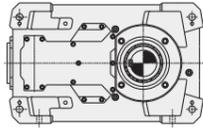
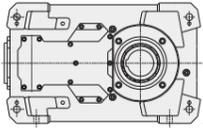
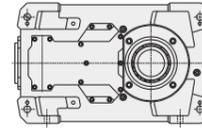
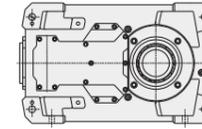
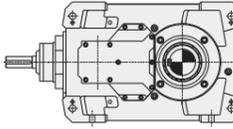
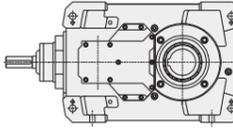
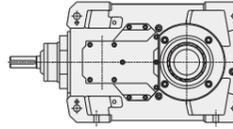
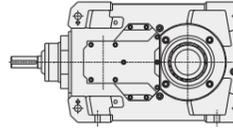
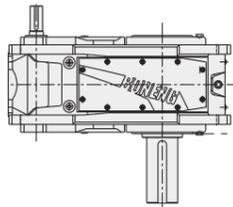
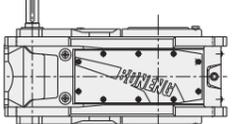
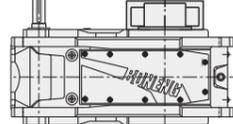
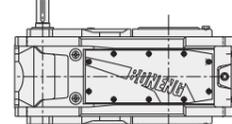
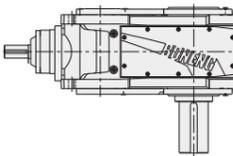
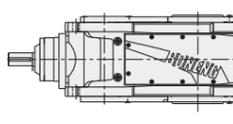
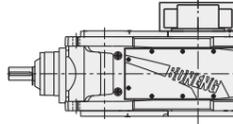
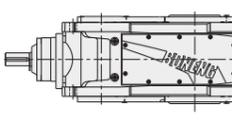
1 结构示意图

1 Structure scheme



2 安装形式

2 Mounting positions

		卧式安装		Horizontal mounting	
		Solid shaft	Hollow shaft	Hollow shaft with shrink disk	Hollow shaft with involute spline
H series 5.6-450					
	H...HS	H...HH	H...HD	H...HK	
B series 6.3-400					
	B...HS	B...HH	B...HD	B...HK	
		立式安装		Vertical mounting	
		Solid shaft	Hollow shaft	Hollow shaft with shrink disk	Hollow shaft with involute spline
H series iN= 5.6 - 450					
	H...VS	H...VH	H...VD	H...VK	
B series iN= 6.3 - 400					
	B...VS	B...VH	B...VD	B...VK	

### 3 选型

序号	说明	代号	参数计算							
1	被驱动设备系数	$f_1$	见05页 $f_1$ 表							
2	原动机系数	$f_2$	原动机	$f_2$						
			电机、液压马达、汽轮机	1.0						
			4-6缸活塞发动机, 周期变化1: 100至1: 200	1.25						
			1-3缸活塞发动机, 周期变化1: 100	1.5						
3	齿轮箱可靠度系数	$S_f$	见04页 $S_f$ 表							
4	输入与输出轴关系	H、B	平行选H系列, 垂直选B系列							
5	齿轮箱传动效率	$\eta$	二级:96%, 三级:94%, 四级:92%							
6	输入转速	$n_1$	$\leq 1800r/min$ 更高转速敬请垂询							
7	确定减速比	$i$	$i=n_1/n_2$							
8	以被驱动设备所需的扭矩或功率, 确认齿轮箱输入功率	$P_1$	$P_1=T_2 \cdot n_1 / (9550 \cdot i \cdot \eta)$ 或 $P_1=P_2 / \eta$							
9	根据计算, 查传动能力表, 确认齿轮箱输入功率	$T_{2N}$ 、 $P_{1N}$	$T_{2N} \geq T_2 \cdot f_1 \cdot f_2 \cdot S_f$ 或 $P_{1N} \geq P_1 \cdot f_1 \cdot f_2 \cdot S_f$ 如果不满足条件: $3.33 \cdot P_1 \geq P_{1n}$ , 敬请垂询。							
10	峰值扭矩校核*	$T_A$	$P_{1N} \geq T_A \cdot n_1 \cdot f_3 / 9550$	每小时峰值负荷次数	$f_3$	1-5	6-30	31-100	>100	
						单向载荷	0.5	0.65	0.7	0.85
						交变载荷	0.7	0.95	1.10	1.25
11	选定连接安装和附件后, 校核轴许用强度	$F_{r1}/F_{r2}$ $F_{a1}/F_{a2}$	当输入、输出轴为皮带轮、链轮或齿轮等有明显附加径向力传动时, 必须校核径向力(见23页)							
12	确认润滑方式、选择润滑油		卧式安装	立式安装						
			可供选择的润滑方式: 1) 飞溅润滑 2) 浸油润滑 3) 强制润滑 轴端泵润滑 电机油泵润滑 用户必备稀油站润滑	可供选择的润滑方式: 1) 浸油润滑 2) 强制润滑 轴端泵润滑 电机油泵润滑 用户必备稀油站润滑						
13	确认冷却方式		1) 如满足以下条件, 则齿轮箱不带辅助冷却装置。 $P_1 \leq P_{GA} \times f_4 \times f_8$ 2) 如满足以下条件, 则齿轮箱带冷却风扇可满足要求。 $P_1 \leq P_{GB} \times f_4 \times f_8$ 3) 如满足以下条件, 则齿轮箱带水油式冷却器可满足要求。 $P_1 \leq P_{GD} \times f_5 \times f_8$ 4) 另外齿轮箱可配置其他冷却附件: 风冷却器及用户可以自己配置稀油站提供循环冷却油( $f_4$ 、 $f_5$ 、 $f_8$ 见04页)。							
14	按型号表示方法确定各项		型号表示方法见02页							

\*峰值扭矩: 最大负载扭矩, 是指启动、制动或最大脉动载荷所引起的最大扭矩。(一般工况条件下峰值扭矩为启动或制动时的最大扭矩)

齿轮箱可靠度系数 $S_f$	
一般设备, 齿轮箱失效后仅仅引起单机停产, 并且更换零部件比较容易, 损失较小。	$1.0 \leq S_f \leq 1.3$
重要设备, 齿轮箱失效后使生产线或者全场停工, 停机事故损失比较大。	$1.3 < S_f \leq 1.5$
高可靠度要求, 齿轮箱失效后可能造成重大停产事故, 造成极大的经济损失, 以及人身生命事故。	$1.5 < S_f$

环境温度系数 $f_4$					
不带辅助冷却装置或仅带冷却风扇					
环境温度	每小时工作周期(ED)百分比%				
	100	80	60	40	20
10°C	1.11	1.31	1.60	2.14	3.64
20°C	1.00	1.18	1.44	1.93	3.28
30°C	0.88	1.04	1.27	1.70	2.89
40°C	0.75	0.89	1.08	1.45	2.46
50°C	0.63	0.74	0.91	1.22	2.07

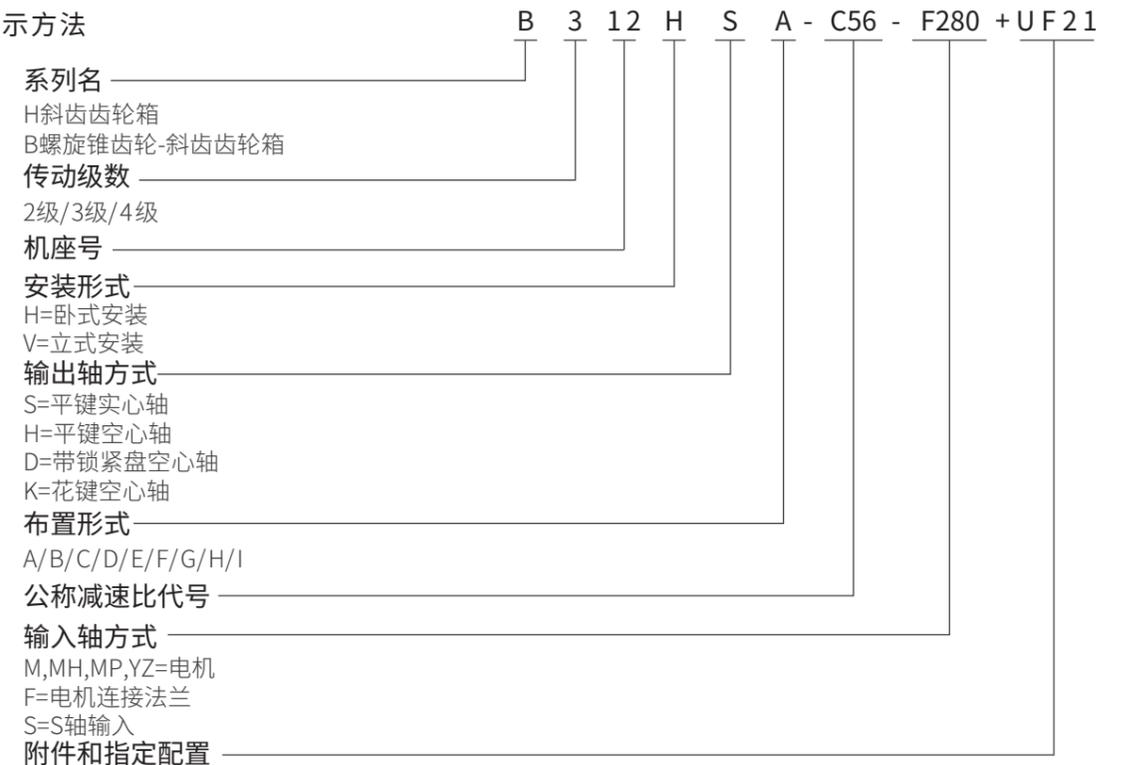
环境温度系数 $f_5$					
带水油冷却器					
环境温度	每小时工作周期(ED)百分比%				
	100	80	60	40	20
10°C	1.05	1.23	1.50	2.03	3.41
20°C	1.00	1.17	1.43	1.93	3.25
30°C	0.93	1.09	1.33	1.79	3.02
40°C	0.87	1.02	1.24	1.68	2.83
50°C	0.81	0.95	1.16	1.56	2.63

注: 工作周期ED:  $ED = \frac{t_f}{t_f + t_r} \cdot 100\%$   
 $t_f$ : 带负载的工作时间;  $t_r$ : 停歇时间。

立式安装齿轮箱供油系数。对于卧式安装齿轮箱 $f_8=1.0$ ; 当采用强制润滑时, $f_8=1.05$ 。					
齿轮箱类型	供油方式	不带辅助冷却装置	带冷却风扇	带冷却盘管	带风扇和冷却盘管
H2..V, H3..V	浸油润滑	0.95	*	0.95	*
H4..V	强制润滑	1.15	*	1.05	*
B2..V, B3..V	浸油润滑	0.95	0.95	0.95	0.95
B4..V	强制润滑	1.15	1.10	1.10	1.10

\*敬请垂询。

#### 型号表示方法



### 3 Selection

Serial	Definition	Symbol	Parameter calculation					
1	Driven equipment factor	f <sub>1</sub>	Refer to page5 f1 table					
2	Prime mover factor	f <sub>2</sub>	Prime mover factor					
			Motor, hydraulic motor, turbine					
			4 - 6 Cylinder piston engine, cyclic variation 1:100 to 1: 200					
			1 - 3 Cylinder piston engine, cyclic variation 1:100					
3	Gearbox safety factor	S <sub>F</sub>	Refer to page4 sf table					
4	Relation between input and output shafts	H, B	Parallel shaft select H series, right angle, select B series					
5	Transmission efficiency of gearbox		2 - stage:96%,3 - stage:94%,4 - stage:92%					
6	Input speed	n <sub>1</sub>	1800r/min For higher speed, please consult us.					
7	Determination of ratio	i	i=n <sub>1</sub> /n <sub>2</sub>					
8	Confirm gearbox input power with torque or power needed by driven equipment.	P <sub>1</sub>	P <sub>1</sub> =T <sub>2</sub> · n <sub>1</sub> /(9550 · i · ) or P <sub>1</sub> =P <sub>2</sub> /					
9	According to calculation, check transmission capacity table to determine gearbox size	T <sub>2N</sub> , P <sub>1N</sub>	T <sub>2N</sub> T <sub>2</sub> · f <sub>1</sub> · f <sub>2</sub> · S <sub>F</sub> OR P <sub>1N</sub> P <sub>1</sub> · f <sub>1</sub> · f <sub>2</sub> · S <sub>F</sub> If it doesn't satisfy conditions:3.33 · P <sub>1</sub> P <sub>1N</sub> , Please consult us.					
10	Peak torque verification*	T <sub>A</sub>	P <sub>1N</sub> T <sub>A</sub> · n <sub>1</sub> · f <sub>3</sub> /9550					
				f <sub>3</sub>	Load peaks per hour			
					1 - 5	6 - 30	31 - 100	>100
					Single direction loading	0.5	0.65	0.7
Alternate loading	0.7	0.95	1.10	1.25				
11	After selecting connection mounting and accessories, check allowable strength of the shaft	F <sub>r1</sub> /F <sub>r2</sub> F <sub>a1</sub> /F <sub>a2</sub>	Radial load need to be checked when radial load imposed by belt pulley,chain sprocket and gear are present. (See page 23)					
12	Determine lubrication method, select lubrication oil		Horizontal mounting					
			Vertical mounting					
		Lubrication methods for selection :						
		1 ) Splash lubrication						
		2 ) Dip - in lubrication						
		3 ) Forced lubrication						
		Shart end pump lubrication						
		Motor oil pump lubrication						
		Oil station lubrication						
		1 ) Dip - in lubrication						
		2 ) Forced lubrication						
		Shart end pump lubrication						
		Motor oil pump lubrication						
		Oil station lubrication						
13	Determine cooling method		1) If it satisfies the following condition, the gearbox will not be equipped with auxiliary cooling device. P <sub>1</sub> P <sub>GA</sub> × f <sub>4</sub> × f <sub>8</sub>					
			2) If it satisfies the following condition, the gearbox will not be equipped with cooling fan. P <sub>1</sub> P <sub>GB</sub> × f <sub>4</sub> × f <sub>8</sub>					
			3) If it satisfies the following condition, the gearbox will not be equipped with water - oil cooler. P <sub>1</sub> P <sub>GD</sub> × f <sub>5</sub> × f <sub>8</sub>					
			4) Gearbox can be equipped with other cooling devides:air - oil cooler, water - oil cooler,users can equip petrol station by themselves to provide circulated cooling oil. (Refer to page 4 for f <sub>4</sub> 、 f <sub>5</sub> 、 f <sub>8</sub> )					
14	Determine each item according to type designation		Refer to page2					

\*Peak torque:maximum loading torque means the maximum torque caused by starting,braking or maximum pulse loading. (Under common working conditions,peak torque is the maximum torque may occur when a machine starts or brakes)

Gearbox safety factor		S <sub>F</sub>
For ordinary equipment, only single machine stops production when gearbox fails.easy to replace spare parts and minor loss occurred.	1.0 S <sub>F</sub>	1.3
For important equipment, the production line or the whole plant will stop production, when gearbox fails, great loss occurred, stopping accident loss is large.	1.3 < S <sub>F</sub>	1.5
High reliability requirement,it may cause heavy production stop accident, when gearbox fails,causing large economic loss and even may cause human life accident.	1.5 < S <sub>F</sub>	

Thermal factor		f <sub>4</sub>				
Gearbox without cooling or with fan						
Ambient temperature	Operating cycle per hour					
	100	80	60	40	20	
10	1.11	1.31	1.60	2.14	3.64	
20	1.00	1.18	1.44	1.93	3.28	
30	0.88	1.04	1.27	1.70	2.89	
40	0.75	0.89	1.08	1.45	2.46	
50	0.63	0.74	0.91	1.22	2.07	

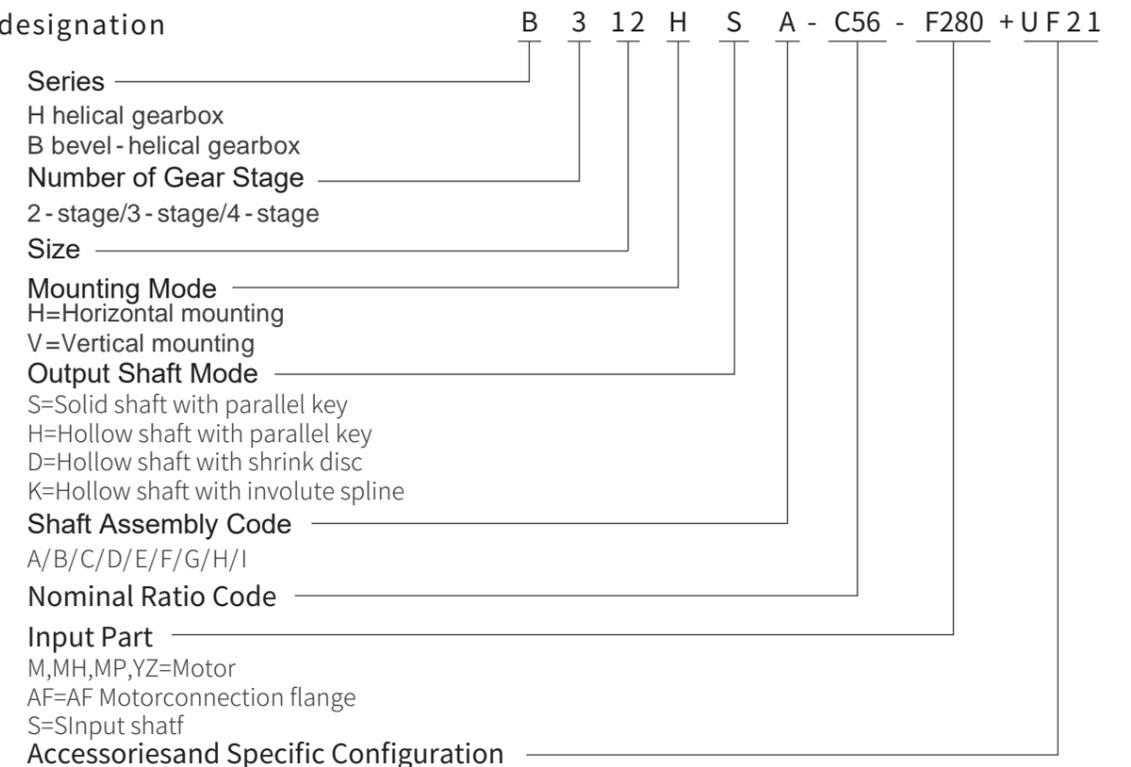
Thermal factor		f <sub>5</sub>				
Gear unit with water - oil cooler						
Ambient temperature	Operating cycle per hour					
	100	80	60	40	20	
10	1.05	1.23	1.50	2.03	3.41	
20	1.00	1.17	1.43	1.93	3.25	
30	0.93	1.09	1.33	1.79	3.02	
40	0.87	1.02	1.24	1.68	2.83	
50	0.81	0.95	1.16	1.56	2.63	

△ Note: Operating cycle ED:  $ED = \frac{tf}{tf+tr} \cdot 100\%$   
tf: Working time with loading tr: Stop time.

Vertical mounted gearbox oil supply factor . For horizontally mounted gearbox f <sub>8</sub> =1.0; When forced lubrication applied,f <sub>8</sub> =1.05						f <sub>8</sub>
Gearbox type	Oil supply method	Without auxiliary cooling device	With cooling fan	With cooling coil	With fan and cooling coil	
H2..V,H3..V H4..V	Dip - in lubrication	0.95	*	0.95	*	
	Forced lubrication	1.15	*	1.05	*	
B2..V,B3..V B4..V	Dip - in lubrication	0.95	0.95	0.95	0.95	
	Forced lubrication	1.15	1.10	1.10	1.10	

\* Please consult us.

#### ---Type designation



4 服务系数

4 Service Factors

表1	Table 1	被驱动设备系数		Factor for driven machine
		日带载运行时间	Effective daily operating period under load in hours	Effective daily operating period under load in hours
被驱动设备	Driven machines	≤ 2	> 2-10	> 10
		污水处理	Waste water treatment	
浓缩器(中心传动)	Thickeners (central drive)	-	-	1.2
压滤器	Filter presses	1.0	1.3	1.5
絮凝器	Flocculation apparata	0.8	1.0	1.3
曝气机	Aerators	-	1.8	2.0
搂集设备	Raking equipment	1.0	1.2	1.3
纵向、回转组	Combined longitudinal and rotary rakes	1.0	1.3	1.5
合式接集装置	Pre-thickeners	-	1.1	1.3
浓缩器	Screw pumps	-	1.3	1.5
螺杆泵	Water turbines Pumps	-	-	2.0
水轮机泵	Centrifugal pumps	1.0	1.2	1.3
离心泵	Positive displacement pumps	1.3	1.4	1.8
容积式泵	1 piston	1.2	1.4	1.5
1个活塞	> 1 piston			
>1个活塞				
挖泥机	Dredgers			
斗式输送机	Bucket conveyors	-	1.6	1.6
倾卸装置	Dumping devices	-	1.3	1.5
履带式行走机构	Caterpillar travelling gears	1.2	1.6	1.8
斗式挖掘机	Bucket wheel excavators			
用于捡拾	as pick-up	-	1.7	1.7
用于粗料	for primitive material	-	2.2	2.2
切碎机	Cutter heads	-	2.2	2.2
行走机构*	Traversing gears*	-	1.4	1.8
弯板机	Plate bending machines	-	1.0	1.0
化学工业	Chemical industry			
挤出机	Extruders	-	-	1.6
调浆机	Dough mills	-	1.8	1.8
橡胶研光机	Rubber calenders	-	1.5	1.5
冷却圆筒	Cooling drums	-	1.3	1.4
混料机,用于	Mixers for			
均匀介质	uniform media	1.0	1.3	1.4
非均匀介质	non-uniform media	1.4	1.6	1.7
搅拌机, 用于	Agitators for media with			
密度均匀介质	uniform density	1.0	1.3	1.5
不均匀介质	non-uniform density	1.2	1.4	1.6
不均匀气体吸收	non-uniform gas absorption	1.4	1.6	1.8
烘炉	Toasters	1.0	1.3	1.5
离心机	Centrifuges	1.0	1.2	1.3
金属加工设备	Metal working mills			
翻板机	Plate tilters	1.0	1.0	1.2
推钢机	Ingot pushers	1.0	1.2	1.2
绕线机	Winding machines	-	1.6	1.6
冷床横移架	Cooling bed transfer frames	-	1.5	1.5
辊式矫直机	Roller straighteners	-	1.6	1.6
辊道	Roller tables			
连续式	continuous	-	1.5	1.5
间歇式	intermittent	-	2.0	2.0
可逆式轧管机	Reversing tube mills	-	1.8	1.8
剪切机	Shears			
连续式*	continuous*	-	1.5	1.5
曲柄式*	crank type*	1.0	1.0	1.0
连铸机驱动装置	Continuous casting drivers	-	1.4	1.4
轧机	Rolls			
可逆式开坯机	Reversing blooming mills	-	2.5	2.5
可逆式板坯轧机	Reversing slabbing mills	-	2.5	2.5
可逆式线材轧机	Reversing wire mills	-	1.8	1.8
可逆式薄板轧机	Reversing sheet mills	-	2.0	2.0
可逆式中厚板轧机	Reversing plate mills	-	1.8	1.8
辊缝调节驱动装置	Roll adjustment drives	0.9	1.0	-

表1	Table 1	被驱动设备系数		Factor for driven machine
		日带载运行时间	Effective daily operating period under load in hours	Effective daily operating period under load in hours
被驱动设备	Driven machines	≤ 2	> 2-10	> 10
		输送机械	Conveyors	
斗式输送机	Bucket conveyors	-	1.4	1.5
绞车	Hauling winches	1.4	1.6	1.6
卷扬机	Hoists	-	1.5	1.8
皮带输送机 ≤ 150kW	Belt conveyors ≤ 150kW	1.0	1.2	1.3
皮带输送机 ≥ 150kW	Belt conveyors ≥ 150kW	1.1	1.3	1.4
货用电梯*	Goods lifts*	-	1.2	1.5
客用电梯*	Passenger lifts*	-	1.5	1.8
刮板式输送机	Apron conveyors	-	1.2	1.5
自动扶梯	Escalators	1.0	1.2	1.4
轨道行走机构	Rail travelling gears	-	1.5	-
变频装置	Frequency converters	-	1.8	2.0
往复式压缩机	Reciprocating compressors	-	1.8	1.9
起重机械**	Cranes**			
回转机构*	Slewing gears*		1.4	1.8
俯仰机构	Luffing gears		1.1	1.4
行走机构	Travelling gears		1.6	2.0
提升机构	Hoisting gears		1.1	1.4
转臂式起重机	Derricking jib cranes		1.2	1.6
冷却塔	Cooling towers			
冷却塔风扇	Cooling tower fans	-	-	2.0
风机(轴流和离心式)	Blowers (axial and radial)	-	1.4	1.5
食品工业	Food industry			
蔗糖生产	Cane sugar production			
甘蔗切碎机*	Cane knives*	-	-	1.7
甘蔗碾磨机	Cane mills	-	-	1.7
甜菜糖生产	Beet sugar production			
甜菜绞碎机	Beet cosettes macerators,	-	-	1.2
榨取机, 机械制	Extraction plants, Technical			
冷机、蒸煮机	refrigerators, Juice boilers,	-	-	1.4
甜菜清洗机	Sugar beet washing machines,			
甜菜切碎机	Sugar beet cutters	-	-	1.5
造纸机械	Paper machines			
各种类型***	of all-kind***	-	1.8	2.0
碎浆机驱动装置	Pulper drives		On request	
离心式压缩机	Centrifugal compressors	-	1.4	1.5
索道缆车	Cableways			
运货索道	Material ropeways	-	1.3	1.4
往返系统空中索道	To- and fro system aerial ropeways	-	1.6	1.8
T型杆升降机	T-bar lifts	-	1.3	1.4
连续索道	Continuous ropeways	-	1.4	1.6
水泥工业	Cement industry			
混凝土搅拌机	Concrete mixers	-	1.5	1.5
破碎机*	Breakers*	-	1.2	1.4
回转窑	Rotary kilns	-	-	2.0
管式磨机	Tube mills	-	-	2.0
选粉机	Separators	-	1.6	1.6
辊压机	Roll crushers	-	-	2.0

表1 Table 1		被驱动设备系数		Factor for driven machine
被驱动设备	Driven machines	日带载运行时间		Effective daily operating period under load in hours
		≤ 2	> 2-10	> 10
<b>木材工业</b>		<b>Wood industry</b>		
剥皮机	Bark peeler			
进给传动	Feed drive	1.25	1.25	1.50
主传动	Main drive	1.75	1.75	1.75
运送机	Transporter			
燃烧器、反复锯、转塔式、转运输送	Burner, band saw, turret lathe, transportation	1.25	1.25	1.50
主要载荷、重载	mainly heavy load	1.50	1.50	1.50
主原木、地坯	mainly raw log	1.75	1.75	2.00
输送链	Conveyor chain			
地板	Parquet	1.50	1.50	1.50
生材	Unprocessed materials	1.50	1.50	1.75
切割链	Cutting chain			
锯传动、牵引	Saw drive and traction	1.50	1.50	1.75
剥皮筒	Barking drum	1.75	1.75	2.00
进给传动	Feed drive			
轧边、修木、刨床进给、分类台、自动倾斜升降	Edgebanding, wood sanding, Planer feeding, sorter, Automatic inclination and lift	1.25	1.25	1.50
多轴送进、原木搬运和旋转	Multi-spindle feeding, Log transport and turning	1.75	1.75	1.75
搬运	Transport			
料盘、胶合板车床传动、输送链、起重式	Delivery plate, Plywood lathe drive, Conveyor chain, crane type	1.50	1.50	1.75
<b>塑料工业</b>		<b>Plastic industry</b>		
碾磨机、复式磨、涂料、涂膜、输送管、拉杆、薄型	Grinding mill, compound mill, Coating and film, coating, Pipe, pull rod, thin plastic manufacture	1.25	1.25	1.25
管型、拔桩机	Tube, pile drawer accessories	1.25	1.25	1.50
连续混合机、压延机、吹膜、欲塑化	Continuous mixer, calender, Film blower, plasticizer	1.50	1.50	1.50
分批混合机	Batch mixer	1.75	1.75	1.75
<b>橡胶工业</b>		<b>Rubber industry</b>		
连续式强力内式拌合机、混合轧机、分批下料碾磨机、(双光棍式除外)精炼机、压延机	Continuous powerful internal stirrer, Roller mixer, batch charger, Crusher (except double rolls), Refiner, calender	1.50	1.50	1.50
双棍式夹持进给及混合碾磨机	Double-roller clamp feeding, Mixer grinder	1.25	1.25	1.50
分批式强力内式拌合机、双光棍式单槽纹棍碾磨机加热器、双光棍式	Batch powerful internal stirrer, Double roll single groove roller grinder, Crusher heater, double rolls, Batch charging grinder	1.75	1.75	1.75
分批下料碾磨机 波形棍式碾磨机	Wave roll crusher	2.00	2.00	2.00
发电机和励磁机	Generator and Exciter	1.00	1.00	1.25
锤式破碎机	Hammer crusher	1.75	1.75	2.00
砂碾机	Sand roller	1.25	1.25	1.50

⚠ 注：1. 被驱动设备使用功率P2的确定：

- \*) 按最大的扭矩确定额定功率。
- \*\*\*) 实际的服务系数应根据准确的载荷分类进行选择,具体可咨询我司。
- \*\*\*) 检验热容量是绝对必要的。

2. 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, 敬请垂询。

3. 对于那些未列入此表的工作机械, 敬请垂询。

⚠ Note: 1. Determine required power P2 of the driven equipment;

- \*) Determine rated power according to maximum torque
- \*\*\*) The actual service factor should be selected according to accurate loading classification, for specific information, please consult us
- \*\*\*) It is necessary to check thermal capacity.

2. The factors are experience value. The premise of using these factors is that the above mechanical equipment should conform to common design regulation and loading conditions. If there is special situation, please consult us.

3. For machines that are not listed in this table, please consult us.

5 常用代号说明

5 Key to symbols

Symbols	说明	Instruction	Unit
i	实际减速比	Actual ratio	/
iN	公称减速比	Nominal ratio	
iex	精确减速比	Exact ratio	
T2	输出扭矩	Output torque	N · m
T2N	额定输出扭矩	Rated output torque	
T <sub>A</sub>	输入轴上的扭矩, 例如峰值操作, 启动或制动扭矩	Max. Torque occurring on input shaft, e.g. Peak operating, starting or braking torque	
T <sub>n2atmax</sub>	在最高转速时的额定输出扭矩	Nominal output torque at highest speed	
T <sub>n2atmin</sub>	在最低转速时的额定输出扭矩	Nominal output torque at lowest speed	
P1N	减速机额定输入功率	Rated input power	kW
PGA	齿轮箱不带冷却装置的额定发热容量	Nominal thermal capacity of gearbox without auxiliary cooling equipment	
PGB	齿轮箱带冷却风扇的额定热容量	Nominal thermal capacity gearbox with cooling fan	
PGC	齿轮箱带冷却盘管的额定热容量	Nominal thermal capacity of gearbox with cooling coil	
PGD	齿轮箱带冷却盘管和风扇或带水油冷却器的额定热容量	Normal thermal capacity of gearbox with water-oil cooler	
P1	输入功率	Input power	/
P2	被驱动设备使用功率	Required power of driven machine	
f1	被驱动设备系数	Driven machine factor	
f2	原动机系数	Prime mover factor	/
f3	峰值负荷系数	Peakload factor	
f4	环境温度系数 (不带辅助冷却装置或仅带冷却风扇)	Thermal factor (Without auxiliary cooling, or with fan cooling)	
f5	环境温度系数 (带冷却盘管或带冷却盘管和风扇)	Thermal factor (with water-oil cooler)	
f8	立式安装齿轮箱供油系数	Oil supply factor for vertical gearbox	
S <sub>F</sub>	齿轮箱可靠度系数	Safety factor of gearbox	r/min
n1	输入转速	Input speed	
n2	输出转速	Output speed	
n2N	公称输出转速	Nominal output speed	/
η	效率	Efficiency	
f	电机频率	Motor frequency	Hz
U <sub>m</sub>	电机电压	Motor voltage	V
ED	每小时工作周期	Operating cycle per hour	%

6 选型举例

6 Selection example

已知条件:	Known conditions:
<p>原动机: 电机功率: 185kW 电机转速: n1=1450r/min 最大启动扭矩: TA=1850N.m (由用户提供数据, 如果无法提供则按照电机额定扭矩的1.6倍估算) 被驱动设备(工作机): 设备名称: 皮带输送机 设备转速: n2=26r/min 使用功率: P2=155kW 工作制: 12小时/天 每小时启动次数: 7 每小时工作周期: 100% 环境温度: 40℃ 安装空间: 室外安装 海拔高度: 500m</p> <p>齿轮箱: 螺旋锥齿轮-斜齿齿轮箱, 卧式安装, 带平键实心轴输出, 轴布置形式 C 输出轴旋转方向: 面向输出轴顺时针旋转 配逆止器 (附件代号UB11)</p>	<p><b>Prime mover</b> Motor power: 90kW Motor speed: n1=1450r/min Maximum starting torque: TA=860N.m (This value is usually provided by the users if not, normal torque x 1.6 preails)</p> <p><b>Driven equipment (working machine):</b> Type: Belt conveyor Speed: n2=33r/min Required power: P2=72kW Duty: 12 hours/day Starts per hour: 7 Operating cycle per hour: 100% Ambient temperature: 40C Place of installation: Outdoor mounting Altitude: 500m</p> <p><b>Gear box:</b> Bevel - helical gear unit, horizontal mounting, with parallel key solid shaft output Shaft arrangement form C Output shaft direction of rotation: run clockwise to output shaft With backstop (accessory code UB11)</p>
选型步骤:	Selection procedure:
<p>1. 计算速比: <math>i = n1/n2 = 1450/26 = 55.8</math>    <math>iN = C56</math> 2. 确定齿轮箱的额定功率: <math>P1 = P2 / \eta = 155 / (94\%) = 165kW</math> <math>P1N \geq P1 \cdot f1 \cdot f2 \cdot S</math> <math>F = 165 \times 1.4 \times 1 \times 1.4 = 323kW</math> 根据传动能力表B3, 机座号14 <math>P1N = 340kW</math> <math>3.33 \cdot P1 = 3.33 \times 165 = 549kW \geq P1N</math> 满足要求 3. 峰值扭矩校核: <math>P1N \geq TA \cdot n1 \cdot f3 / 9550</math> <math>= 1850 \times 1450 \times 0.65 / 9550 = 183kW</math> <math>P1N = 340kW \geq 183kW</math> 满足要求 4. 校核热容量: <math>PGA \cdot f4 \cdot f8 = 135 \times 0.75 \times 1 = 101kW \leq P1 = 165kW</math> 不满足要求 <math>PGB \cdot f4 \cdot f8 = 330 \times 0.75 \times 1 = 248kW</math> <math>\geq P1 = 165kW</math> 满足要求 所以齿轮箱配置冷却风扇可以满足热容量要求, 风扇附件代号为UF21 5. 确定型号: B314HSC-C56+UF21+UB11</p>	<p><b>1. Calculation of ratio</b> <math>i = n1/n2 = 1450/33 = 439</math>    <math>iN = 45</math> <b>2. Determine rated power of gear box</b> <math>P1 = P2/n = 72/(94\%) = 76.6kW</math> <math>P1N = P1 \cdot f1 \cdot f2 \cdot S</math> <math>F = 76.6 \times 1.3 \times 1 \times 1.4 = 139.4kW</math> Refer to transmission capacity table B3, select size 10 <math>P1N = 146kW</math> <math>333 \cdot P1 = 3.33 \times 76.6 = 255.1kW</math> WPN Satisfy requirements <b>3. Peak torque verification</b> <math>P1N \cdot TA \cdot n1 \cdot f3 / 9550</math> <math>= 860 \times 1450 \times 0.65 / 9550 = 84.9kW</math> <math>P1N = 146kW = 84.9kW</math> Satisfy requirements <b>4. Verify thermal capacity:</b> <math>PGA \cdot f4 \cdot f8 = 80.8 \times 0.75 \times 1 = 60.6kW</math> vs <math>P1 = 76.6kW</math> Thermal capacity not sufficient <math>PGB \cdot f4 \cdot f8 = 180 \times 0.75 \times 1 = 135kW</math> <math>P1 = 76.6kW</math> Thermal capacity is sufficient When gear unit with cooling fan, thermal capacity is sufficient. Fan accessory code is UF 21 <b>5. Determine gear unit type:</b> B310HSC - 45+UF21+UB11</p>

7 传动能力表

H2 (iN=1.8-5.6)

Code	i <sub>N</sub>	n <sub>1</sub> (r/min)	n <sub>2N</sub> (r/min)	H204			H205			H206			H207			H208		
				T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)
B18	1.8	1740	967	4.5	1.781	460												
		1450	806			384												
		1150	639			304												
		960	533			254												
B20	2	1740	870	4.4	1.950	411			6.8	1.949	636							
		1450	725			343					530							
		1150	575			272					420							
		960	480			227					351							
B22	2.24	1740	777	4.7	2.305	371			6.8	2.182	568			14	2.205	1157		
		1450	647			310					473					964		
		1150	513			246					375					764		
		960	429			205					313					638		
B25	2.5	1740	696	4.5	2.583	317			6.2	2.573	439			14	2.466	1034		
		1450	580			265					366					862		
		1150	460			210					290					684		
		960	384			175					242					571		
B28	2.8	1740	621	4.6	2.758	304			6	2.792	392			15	2.744	996		
		1450	518			253					326					830		
		1150	411			201					259					658		
		960	343			168					216					549		
B32	3.15	1740	552	4.5	3.155	260			6.8	3.260	380			16.5	3.091	973		
		1450	460			217					317					810		
		1150	365			172					251					643		
		960	305			143					210					537		
B36	3.55	1740	490	3.2	3.508	166			6.8	3.612	343			16.5	3.563	844		
		1450	408			139					286					703		
		1150	324			110					227					558		
		960	270			92					189					466		
B40	4	1740	435	3.2	3.978	147			5.5	3.831	262			16.3	3.931	755		
		1450	363			122					218					630		
		1150	288			97					173					499		
		960	240			81					144					417		
B45	4.5	1740	387	3.2	4.459	131			5.3	4.354	222			15.2	4.354	636		
		1450	322			109					185					530		
		1150	256			86					147					420		
		960	213			72					122					351		
B50	5	1740	348	3.2	5.089	115			5.2	4.872	194			14.8	4.845	557		
		1450	290			95					162					464		
		1150	230			76					129					368		
		960	192			63					107					307		
B56	5.6	1740	311	3.2	5.424	107			5.2	5.410	175			14.2	5.499	471		
		1450	259			90					146					392		
		1150	205			71					116					311		
		960	171			59					97					260		

卧式安装齿轮箱  
应采用强制润滑

7 Transmission  
Capacity table

H2 (iN=1.8-5.6)

H209			H210			H211			H212			n <sub>2N</sub> (r/min)	n <sub>1</sub> (r/min)	i <sub>N</sub>	Code		
T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)						
												967	1740	1.8	B18		
												806	1450				
												639	1150				
												533	960				
												870	1740	2	B20		
												725	1450				
												575	1150				
												480	960				
28	2.238	2280				42	2.175	3518				777	1740	2.24	B22		
		1900						2932			647	1450					
		1507						2325			513	1150					
		1258						1941			429	960					
28	2.523	2022				44	2.471	3245				696	1740	2.5	B25		
		1685						2704			580	1450					
		1336						2145			460	1150					
		1115						1790			384	960					
29	2.915	1813				46	2.814	2978				621	1740	2.8	B28		
		1511						2482			518	1450					
		1198						1968			411	1150					
		1000						1643			343	960					
29	3.325	1589				42	3.077	2487				552	1740	3.15	B32		
		1324						2073			460	1450					
		1050						1644			365	1150					
		877						1372			305	960					
30	3.563	1534				42	3.431	2230			58	3.566	2964	490	1740	3.55	B36
		1279						1858					2470	408	1450		
		1014						1474					1959	324	1150		
		847						1230					1635	270	960		
30	3.850	1420				42	3.904	1960			63	4.050	2834	435	1740	4	B40
		1183						1634					2362	363	1450		
		938						1296					1873	288	1150		
		783						1082					1564	240	960		
26	4.453	1064				40	4.412	1652			67	4.613	2646	387	1740	4.5	B45
		886						1377					2205	322	1450		
		703						1092					1749	256	1150		
		587						911					1460	213	960		
24	4.975	879				40	5.066	1438			62	5.044	2240	348	1740	5	B50
		732						1199					1866	290	1450		
		581						951					1480	230	1150		
		485						794					1236	192	960		
22	5.608	715				38	5.798	1194			64	5.625	2073	311	1740	5.6	B56
		596						995					1728	259	1450		
		472						789					1370	205	1150		
		394						659					1144	171	960		

Forced lubrication required  
on horizontal gearbox

H2 (iN=6.3-22.4)

H2 (iN=6.3-22.4)

Code	i <sub>N</sub>	n <sub>1</sub> (r/min)	n <sub>2N</sub> (r/min)	H204			H205			H206			H207			H208		
				T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)
B63	6.3	1740	276	6.7	6.33	187	11.2	6.08	312	15.2	6.24	442	20.3	6.27	586	27.5	6.19	780
		1450	230			156			260			368			488			650
		1150	183			124			206			292			387			515
		960	152			103			172			244			323			430
B71	7.1	1740	245	6.7	6.93	166	11.2	6.81	287	15.2	6.98	398	20.3	7.02	520	27.5	6.92	703
		1450	204			138			239			332			433			585
		1150	162			109			190			263			343			464
		960	135			91			158			220			287			388
B80	8	1740	218	6.7	8.19	152	11.2	8.02	256	15.2	8.23	341	20.3	7.81	463	27.5	7.70	636
		1450	181			127			213			284			386			530
		1150	144			101			169			226			306			420
		960	120			84			141			188			256			351
B90	9	1740	193	6.7	9.18	136	11.2	8.71	227	15.2	8.93	316	20.3	8.79	410	27.5	8.68	569
		1450	161			113			189			264			342			475
		1150	128			89			150			209			271			376
		960	107			74			125			174			226			314
C10	10	1740	174	6.7	9.80	118	11.2	10.2	198	15.2	10.4	274	20.3	10.1	368	27.5	10.0	499
		1450	145			98			165			228			307			416
		1150	115			77			131			181			243			330
		960	96.0			65			109			151			203			275
C11	11.2	1740	155	6.7	11.2	106	11.2	11.3	178	15.2	11.6	249	20.3	11.2	330	27.5	11.0	435
		1450	129			88			148			207			275			362
		1150	103			70			117			164			218			287
		960	85.7			58			98			137			182			240
C13	12.5	1740	139	6.7	12.5	97	11.2	11.9	162	16.5	12.3	235	20.3	12.4	294	27.5	12.2	395
		1450	116			81			135			196			245			329
		1150	92.0			64			107			155			194			261
		960	76.8			53			89			130			162			218
C14	14	1740	124	6.7	14.1	87	11.2	13.6	145	16.5	13.9	209	20.3	13.8	263	27.5	13.6	358
		1450	104			72			121			174			219			298
		1150	82.1			57			96			138			174			236
		960	68.6			48			80			115			145			197
C16	16	1740	109	6.7	15.8	75	11.2	15.2	127	16.5	15.6	188	20.3	15.6	230	27.5	15.4	318
		1450	90.6			62			106			156			192			265
		1150	71.9			50			84			124			152			210
		960	60.0			41.6			70			104			127			175
C18	18	1740	96.7	6.7	18.1	66	11.2	16.9	109	16.5	17.3	170	20.3	17.4	198	27.5	17.1	288
		1450	80.6			55			91			142			165			240
		1150	63.9			43.6			72			112			131			190
		960	53.3			36.4			60			94			109			159
C20	20	1740	87.0	6.7	19.3	59	11.2	19.8	101	16.5	20.3	147	20.3	19.7	178	27.5	19.5	255
		1450	72.5			49.3			84			122			148			213
		1150	57.5			39.1			67			97			117			169
		960	48.0			32.6			56			81			98			141
C22	22.4	1740	77.7					21.2	89	16.5	21.8	135	20.3	22.7	160	27.5	22.4	224
		1450	64.7						74			113			133			187
		1150	51.3						59			90			105			148
		960	42.9						49.0			75			88			124

H209			H210			H211			H212			n <sub>2N</sub> (r/min)	n <sub>1</sub> (r/min)	i <sub>N</sub>	Code		
T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)						
33.7	6.28	973	44.2	6.20	1279	60	6.09	1714	74	6.09	2140	276	1740	6.3	B63		
		811			1066			1428			1783					230	1450
		643			845			1133			1414					183	1150
		537			706			945			1180					152	960
33.7	7.08	863	44.2	6.99	1144	60	6.91	1519	74	6.92	1898	245	1740	7.1	B71		
		719			954			1266			1582					204	1450
		570			756			1004			1255					162	1150
		476			631			838			1047					135	960
33.7	8.18	769	44.2	8.08	1001	60	7.87	1354	74	7.88	1685	218	1740	8	B80		
		641			834			1128			1404					181	1450
		508			662			895			1114					144	1150
		424			552			747			930					120	960
33.7	9.33	683	44.2	9.22	886	60	8.61	1201	74	8.62	1496	193	1740	9	B90		
		569			738			1001			1247					161	1450
		451			585			794			989					128	1150
		377			489			663			826					107	960
33.7	10.0	613	44.2	9.88	831	60	9.60	1080	74	9.61	1344	174	1740	10	C10		
		511			692			900			1120					145	1450
		405			549			714			888					115	1150
		338			458			596			742					96.0	960
33.7	10.8	547	46.5	10.7	773	60	10.9	965	74	10.9	1201	155	1740	11.2	C11		
		456			644			804			1001					129	1450
		362			511			638			794					103	1150
		302			426			532			663					85.7	960
33.7	12.5	491	46.5	12.3	675	60	12.3	864	74	12.4	1075	139	1740	12.5	C13		
		409			562			720			896					116	1450
		324			446			571			711					92.0	1150
		271			372			477			593					76.8	960
33.7	14.0	437	46.5	13.8	608	60	14.2	770	74	14.2	958	124	1740	14	C14		
		364			507			642			798					104	1450
		289			402			509			633					82.1	1150
		241			336			425			528					68.6	960
33.7	15.7	384	46.5	15.5	544	60	16.2	677	74	16.2	842	109	1740	16	C16		
		320			453			564			702					90.6	1450
		254			359			447			557					71.9	1150
		212			300			373			465					60.0	960
33.7	17.4	338	48.5	17.2	495	60	17.9	598	74	17.9	744	96.7	1740	18	C18		
		282			412			498			620					80.6	1450
		224			327			395			492					63.9	1150
		187			273			330			410					53.3	960
33.7	19.6	306	48.5	19.3	443	60	20.1	540	74	20.1	672	87.0	1740	20	C20		
		255			370			450			560					72.5	1450
		202			293			357			444					57.5	1150
		169			245			298			371					48.0	960
33.1	21.7	269	48.5	21.4	403	60	22.1	474	74	22.2	600	77.7	1740	22.4	C22		
		224			336			395			500					64.7	1450
		178			266			313			397					51.3	1150
		148			222			262			331					42.9	960

H2 (iN=3.15-20)

H2 (iN=3.15-20)

Code	i <sub>N</sub>	n <sub>1</sub> (r/min)	n <sub>2N</sub> (r/min)	H213			H214			H215			
				T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	
B32	3.15	1740	552.4				80	3.061	4762				
		1450	460.3			3968							
		1150	365.1			3147							
		960	304.8			2627							
B36	3.55	1740	490.1				90	3.429	4782				
		1450	408.5			3985							
		1150	323.9			3161							
		960	270.4			2638							
B40	4	1740	435.0				100	3.929	4637				
		1450	362.5			3864							
		1150	287.5			3065							
		960	240.0			2559							
B45	4.5	1740	386.7				100	4.387	4153				
		1450	322.2			3461							
		1150	255.6			2745							
		960	213.3			2291							
B50	5	1740	348.0				90	4.916	3336				
		1450	290.0			2780							
		1150	230.0			2205							
		960	192.0			1840							
B56	5.6	1740	310.7				90	5.558	2950				
		1450	258.9			2459							
		1150	205.4			1950							
		960	171.4			1628							
B63	6.3	1740	276.2				117	5.882	3624		4342*		
		1450	230.2	86	5.878	2221				3020	143	6.000	3619
		1150	182.5			1762				2395			2870
		960	152.4			1471				1999			2396
B71	7.1	1740	245.1				117	6.588	3236		3711*		
		1450	204.2	86	6.583	1983				2696	143	7.022	3092
		1150	162.0			1573				2139			2452
		960	135.2			1313				1785			2047
B80	8	1740	217.5				117	7.549	2824		3257*		
		1450	181.3	86	7.543	1731				2353	143	8.000	2714
		1150	143.8			1373				1866			2152
		960	120.0			1146				1558			1797
B90	9	1740	193.3				117	8.429	2529		2980*		
		1450	161.1	86	8.423	1550				2108	143	8.742	2484
		1150	127.8			1230				1671			1970
		960	106.7			1026				1395			1644
C10	10	1740	174.0				117	9.446	2257		2636*		
		1450	145.0	86	9.439	1383				1881	143	9.882	2197
		1150	115.0			1097				1491			1742
		960	96.0			916				1245			1455
C11	11.2	1740	155.4				117	10.679	1996		2390*		
		1450	129.5	86	10.671	1224				1663	143	10.900	1992
		1150	102.7			970				1319			1580
		960	85.7			810				1101			1319
C13	12.5	1740	139.2				117	11.927	1787		2134*		
		1450	116.0	86	11.918	1096				1489	143	12.208	1779
		1150	92.0			869				1181			1411
		960	76.8			725				986			1178
C14	14	1740	124.3				117	13.631	1564		1901*		
		1450	103.6	86	13.621	959				1303	143	13.708	1584
		1150	82.1			760				1034			1256
		960	68.6			635				863			1049
C16	16	1740	108.8				117	15.774	1351		1718*		
		1450	90.6	86	15.762	828				1126	143	15.164	1432
		1150	71.9			657				893			1136
		960	60.0			548				746			948
C18	18	1740	96.7				117	17.500	896		1514*		
		1450	80.6	86	17.487	747				1015	143	17.209	1262
		1150	63.9			592				805			1001
		960	53.3			494				672			835
C20	20	1740	87.0				117	19.540	802		1091		
		1450	72.5	86	19.526	669				909			909
		1150	57.5			530				721			721
		960	48.0			443				602			602

卧式安装齿轮箱  
应采用强制润滑  
\* 敬请垂询

Forced lubrication required  
on horizontal gearbox  
\* On request

H216			H217			H218			n <sub>2N</sub> (r/min)	n <sub>1</sub> (r/min)	i <sub>N</sub>	Code	
T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)					
125	3.148	7235							552.4	1740	3.15	B32	
		6029							460.3	1450			
		4782							365.1	1150			
		3992							304.8	960			
144	3.684	7122				172	3.474	9021	490.1	1740	3.55	B36	
		5935						7517	408.5	1450			
		4707						5962	323.9	1150			
		3929						4977	270.4	960			
130	4.198	5642				195	4.055	8762	435.0	1740	4	B40	
		4702						7301	362.5	1450			
		3729						5791	287.5	1150			
		3113						4834	240.0	960			
130	4.587	5164				190	4.628	7480	386.7	1740	4.5	B45	
		4303						6233	322.2	1450			
		3413						4944	255.6	1150			
		2849						4127	213.3	960			
135	5.185	4744				177	5.251	6142	348.0	1740	5	B50	
		3953						5118	290.0	1450			
		3135						4059	230.0	1150			
		2617						3388	192.0	960			
130	5.719	4142				177	5.726	5632	310.7	1740	5.6	B56	
		3451	215	5.462	5977			4693	258.9	1450			
		2737			4740			3722	205.4	1150			
		2285			3957			3107	171.4	960			
176	5.996	5348*				255	6.305		276.2	1740	6.3	B63	
		4457	215	6.374	5121				230.2	1450			
		3535			4062				4870	182.5			1150
		2951			3391				4065	152.4			960
176	7.016	4570*				255	7.359		245.1	1740	7.1	B71	
		3809	215	7.276	4486				204.2	1450			
		3021			3558				4173	162.0			1150
		2522			2970				3483	135.2			960
176	7.994	4011*				255	8.400		217.5	1740	8	B80	
		3343	215	8.255	4745*				4609	181.3			1450
		2651			3136				3656	143.8			1150
		2213			2618				3052	120.0			960
176	8.736	3671*				255	9.530		193.3	1740	9	B90	
		3059	215	9.003	4351*				4875*	161.1			1450
		2426			3626				4063	127.8			1150
		2025			2876				3222	106.7			960
176	9.875	3247*				255	10.393		106.7	1740	10	C10	
		2706	215	10.119	3871*				4470*	174.0			1450
		2146			3226				3725	145.0			1150
		1792			2559				2955	115.0			960
176	10.892	2944*				255	11.681		96.0	1740	11.2	C11	
		2454	215	11.101	3529*				3977*	155.4			1450
		1946			2941				3314	129.5			1150
		1624			2332				2629	102.7			960
176	12.199	2629*				255	12.816		85.7	1740	12.5	C13	
		2191	215	12.392	3161*				3625*	139.2			1450
		1737			2634				3021	116.0			1150
		1450			2089				2396	92.0			960
176	13.698	2341*				255	14.306		76.8	1740	14	C14	
		1951	215	13.875	2823*				3248*	124.3			1450
		1547			2353				2706	103.6			1150
		1292			1866				2146	82.1			960
176	15.153	2116*				255	16.017		68.6	1740	16	C16	
		1764	215	15.285	2563*				2901*	108.8			1450
		1399			2136				2417	90.6			1150
		1168			1694				1917	71.9			960
176	17.196	1865*				255	17.646		60.0	1740	18	C18	
		1554	215	17.253	2271*				2633*	96.7			1450
		1232			1892				2194	80.6			1150
		1029			1501				1740	63.9			960
						255	19.917		53.3	1740	20	C20	
									2333*	87.0			1450
									1944	72.5			1150
									1542	57.5			960

H2 (iN=8-20)

H2 (iN=8-20)

Code	i <sub>N</sub>	n <sub>1</sub> (r/min)	n <sub>2N</sub> (r/min)	H219			H220			H221			H222		
				T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)
B80	8	1740	217.5	330	8.047	*	460	8.047	460	8.047	*	520	8.880	*	
		1450	181.3			*					*				
		1150	143.8			4938*					*			*	
		960	120.0			4122					5746			*	
B90	9	1740	193.3	330	8.824	*	380	9.106	460	8.824	*	520	8.880	*	
		1450	161.1			*					*				
		1150	127.8			4504*					5025*			*	
		960	106.7			3760					4195			5240	5887
C10	10	1740	174.0	330	9.963	*	380	9.985	460	9.963	*	520	9.737	*	
		1450	145.0			5029*					*			*	
		1150	115.0			3989*					4583*			*	
		960	96.0			3330					3826			4641	5368
C11	11.2	1740	155.4	330	11.176	5380*	380	11.274	460	11.176	*	520	10.994	*	
		1450	129.5			4483*					5118*			*	
		1150	102.7			3556					4059*			4956*	*
		960	85.7			2968					3388			4138	4755
C13	12.5	1740	139.2	330	12.641	4756*	380	12.647	460	12.641	*	520	12.333	*	
		1450	116.0			3964					4562*			*	
		1150	92.0			3144					3618*			4382*	5077*
		960	76.8			2624					3020			3658	4238
C14	14	1740	124.3	330	14.074	4272*	380	14.304	460	14.074	*	520	13.949	*	
		1450	103.6			3560					4034			4963*	*
		1150	82.1			2824					3199			3936*	4489*
		960	68.6			2357					2670			3286	3747
C16	16	1740	108.8	330	15.736	3821*	380	15.926	460	15.736	5326*	520	15.531	*	
		1450	90.6			3184					3623			4438*	5084*
		1150	71.9			2525					2873			3520*	4032*
		960	60.0			2108					2399			2939	3366
C18	18	1740	96.7	330	17.538	3428*	380	17.807	460	17.538	4779*	520	17.365	5456*	
		1450	80.6			2857					3240			3982*	4547*
		1150	63.9			2266					2570			3158*	3606*
		960	53.3			1891					2145			2637	3010
C20	20	1740	87.0	330	19.846	3489*	380	19.846	460	19.846	5206*	520	19.354	4895*	
		1450	72.5			2907					2907			4079*	
		1150	57.5			2306					2306			3235*	
		960	48.0			1925					1925			2701	

卧式安装齿轮箱  
应采用强制润滑  
\* 敬请垂询

Forced lubrication required  
on horizontal gearbox  
\* On request

Code	i <sub>N</sub>	n <sub>1</sub> (r/min)	n <sub>2N</sub> (r/min)	H223			H224			H225			H226		
				T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)
B80	8	1740	217.5	330	8.047	*	460	8.047	460	8.047	*	520	8.880	*	
		1450	181.3			*					*				
		1150	143.8			4938*					*			*	
		960	120.0			4122					5746			*	
B90	9	1740	193.3	330	8.824	*	380	9.106	460	8.824	*	520	8.880	*	
		1450	161.1			*					*				
		1150	127.8			4504*					5025*			*	
		960	106.7			3760					4195			5240	5887
C10	10	1740	174.0	330	9.963	*	380	9.985	460	9.963	*	520	9.737	*	
		1450	145.0			5029*					*			*	
		1150	115.0			3989*					4583*			*	
		960	96.0			3330					3826			4641	5368
C11	11.2	1740	155.4	330	11.176	5380*	380	11.274	460	11.176	*	520	10.994	*	
		1450	129.5			4483*					5118*			*	
		1150	102.7			3556					4059*			4956*	*
		960	85.7			2968					3388			4138	4755
C13	12.5	1740	139.2	330	12.641	4756*	380	12.647	460	12.641	*	520	12.333	*	
		1450	116.0			3964					4562*			*	
		1150	92.0			3144					3618*			4382*	5077*
		960	76.8			2624					3020			3658	4238
C14	14	1740	124.3	330	14.074	4272*	380	14.304	460	14.074	*	520	13.949	*	
		1450	103.6			3560					4034			4963*	*
		1150	82.1			2824					3199			3936*	4489*
		960	68.6			2357					2670			3286	3747
C16	16	1740	108.8	330	15.736	3821*	380	15.926	460	15.736	5326*	520	15.531	*	
		1450	90.6			3184					3623			4438*	5084*
		1150	71.9			2525					2873			3520*	4032*
		960	60.0			2108					2399			2939	3366
C18	18	1740	96.7	330	17.538	3428*	380	17.807	460	17.538	4779*	520	17.365	5456*	
		1450	80.6			2857					3240			3982*	4547*
		1150	63.9			2266					2570			3158*	3606*
		960	53.3			1891					2145			2637	3010
C20	20	1740	87.0	330	19.846	3489*	380	19.846	460	19.846	5206*	520	19.354	4895*	
		1450	72.5			2907					2907			4079*	
		1150	57.5			2306					2306			3235*	
		960	48.0			1925					1925			2701	

卧式安装齿轮箱  
应采用强制润滑  
\* 敬请垂询

Forced lubrication required  
on horizontal gearbox  
\* On request

H3 (iN=16-100)

H3 (iN=16-100)

Code	i <sub>N</sub>	n <sub>1</sub> (r/min)	n <sub>2N</sub> (r/min)	H305			H306			H307			H308				
				T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>IN</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>IN</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>IN</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>IN</sub> (kW)		
C16	16	1740	109.0	11.6	15.0	131	17.5	15.4	202	21.7	15.5	246	29.0	15.3	328		
		1450	90.6			109									169	205	273
		1150	71.9			87									134	162	217
		960	60.0			72									112	136	181
C18	18	1740	96.7	11.6	17.1	117	17.5	17.5	150	21.7	16.9	182	29.0	16.7	301		
		1450	80.6			97									150	182	251
		1150	63.9			77									119	144	199
		960	53.3			64									99	120	166
C20	20	1740	87.0	11.6	19.8	105	17.5	20.3	130	21.7	20.0	164	29.0	19.8	257		
		1450	72.5			88									130	164	214
		1150	57.5			69									103	130	170
		960	48.0			58									86	108	142
C22	22.4	1740	77.7	11.6	21.6	94	17.5	22.1	144	21.7	22.4	175	29.0	22.2	231		
		1450	64.7			78									120	146	192
		1150	51.3			62									95	116	153
		960	42.9			52									79	97	127
C25	25	1740	69.6	11.6	24.3	84	17.5	24.9	129	21.7	24.0	157	29.0	23.7	217		
		1450	58.0			70									107	131	181
		1150	46.0			56									85	104	143
		960	38.4			46.3									71	87	120
C28	28	1740	62.1	11.6	26.7	76	17.5	27.4	116	21.7	27.4	142	29.0	27.1	191		
		1450	51.8			63									97	118	159
		1150	41.1			50									77	94	126
		960	34.3			41.7									64	78	105
C32	31.5	1740	55.2	11.6	30.3	67	17.5	31.1	103	21.7	31.0	126	29.0	30.6	170		
		1450	46.0			56									86	105	142
		1150	36.5			44.4									68	83	113
		960	30.5			37.1									57	70	94
C36	35.5	1740	49.0	11.6	35.2	59	17.5	36.1	90	21.7	36.6	110	29.0	36.2	145		
		1450	40.8			49.0									75	92	121
		1150	32.4			38.9									59	73	96
		960	27.0			32.4									49	61	80
C40	40	1740	43.5	11.6	38.3	53	18.5	39.3	83	21.7	41.1	100	29.0	40.5	131		
		1450	36.3			44.0									69	83	109
		1150	28.8			34.9									55	66	86
		960	24.0			29.1									45.6	55	72
C45	45	1740	38.7	11.6	43.1	46.8	18.5	44.2	74	21.7	43.8	86	30.0	43.3	122		
		1450	32.2			39.0									62	72	102
		1150	25.6			30.9									48.9	57	81
		960	21.3			25.8									40.8	47.7	68
C50	50	1740	34.8	11.6	47.3	42.0	18.5	48.5	68	21.7	50.2	79	30.0	49.5	108		
		1450	29.0			35.0									56	66	90
		1150	23.0			27.8									44.8	52	71
		960	19.2			23.2									37.4	43.7	60
C56	56	1740	31.1	11.6	54.6	37.2	18.5	56.0	59	21.7	55.8	71	30.0	55.0	97		
		1450	25.9			31.0									49.3	59	81
		1150	20.5			24.6									39.1	47	64
		960	17.1			20.5									32.6	39.1	54
C63	63	1740	27.6	11.6	58.2	33.6	18.5	59.7	56	21.7	63.2	62	30.0	62.4	86		
		1450	23.0			28.0									46.4	52	72
		1150	18.3			22.2									36.8	41.2	57
		960	15.2			18.5									30.7	34.4	47.7
C71	71	1740	24.5	11.6	67.2	28.8	18.5	69.0	48.5	21.7	70.9	54	30.0	69.9	78		
		1450	20.4			24.0									40.4	45.0	65
		1150	16.2			19.0									32.1	35.7	52
		960	13.5			15.9									26.8	29.8	43.0
C80	80	1740	21.8	11.6	76.4	26.4	18.5	78.4	42.9	21.7	80.9	49.2	30.0	79.8	68		
		1450	18.1			22.0									35.8	41.0	57
		1150	14.4			17.4									28.4	32.5	45.2
		960	12.0			14.6									23.7	27.1	37.7
C90	90	1740	19.3	11.6	84.9	22.8	18.5	87.1	38.8	21.7	86.2	44.4	30.0	85.1	62.4		
		1450	16.1			19.0									32.4	37.0	52.0
		1150	12.8			15.1									25.7	29.3	41.2
		960	10.7			12.6									21.4	24.5	34.4
D10	100	1740	17.4														
		1450	14.5														
		1150	11.5														
		960	9.6														

H309			H310			H311			H312			n <sub>2N</sub> (r/min)	n <sub>1</sub> (r/min)	i <sub>N</sub>	Code					
T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>IN</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>IN</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>IN</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>IN</sub> (kW)									
35.7	15.4	407	47	15.2	535	64	15.3	724	78	15.3	888	109.0	1740	16	C16					
		339														446	603	740	90.6	1450
		269														354	478	587	71.9	1150
		224														295	399	490	60.0	960
35.7	17.2	362	47	17.0	476	64	17.1	643	78	17.1	789	96.7	1740	18	C18					
		301														396	536	658	80.6	1450
		239														314	425	522	63.9	1150
		200														262	355	435	53.3	960
35.7	20.3	325	47	20.1	428	64	19.0	579	78	19.0	710	87.0	1740	20	C20					
		271														357	482	592	72.5	1450
		215														283	383	470	57.5	1150
		180														236	319	392	48.0	960
35.7	22.0	291	47	21.8	382	64	21.4	517	78	21.5	634	77.7	1740	22.4	C22					
		242														319	431	529	64.7	1450
		192														253	342	419	51.3	1150
		160														211	285	350	42.9	960
35.7	25.7	260	47	25.4	343	64	24.7	462	78	24.7	568	69.6	1740	25	C25					
		217														285	385	474	58.0	1450
		172														226	305	376	46.0	1150
		144														189	255	314	38.4	960
35.7	28.5	233	47	28.2	306	64	27.2	416	78	27.3	507	62.1	1740	28	C28					
		194														255	347	423	51.8	1450
		154														202	275	335	41.1	1150
		128														169	230	280	34.3	960
35.7	29.9	208	47	29.5	272	64	32.0	370	78	32.1	450	55.2	1740	31.5	C32					
		173														227	308	375	46.0	1450
		137														180	244	297	36.5	1150
		115														150	204	248	30.5	960
35.7	35.2	182	47	34.8	241	64	35.6	324	78	35.7	394	49.0	1740	35.5	C36					
		152														201	270	328	40.8	1450
		121														159	214	260	32.4	1150
		101														133	179	217	27.0	960
35.7	38.2	164	47	37.7	214	64	40.1	293	78	40.2	356	43.5	1740	40	C40					
		137														178	244	297	36.3	1450
		109														141	194	236	28.8	1150
		91														118	162	197	24.0	960
35.7	44.6	143	47	44.1	190	64	46.3	254	78	46.3	308	38.7	1740	45	C45					
		119														159	212	257	32.2	1450
		94														126	168	204	25.6	1150
		79														105	140	170	21.3	960
35.7	49.4	130	47	48.8	171	64	51.0	230	78	51.1	281	34.8	1740	50	C50					
		108														143	192	234	29.0	1450
		86														113	152	186	23.0	1150
		72														94	127	155	19.2	960
35.7	52.4	116	47	51.8	153	64	56.5	208	78	56.6	253	31.1	1740	56	C56					
		97														127	173	211	25.9	1450
		77														101	137	167	20.5	1150
		64														84	115	140	17.1	960
35.7	59.6	103	47	58.8	136	64	62.9	185	78	63.0	226	27.6	1740	63	C63					
		86														113	154	188	23.0	1450
		68														90	122	149	18.3	1150
		57														75	102	124	15.2	960
35.7	66.7	90	47	65.8	121	64	71.4	161	78	71.5	196	24.5	1740	71	C71					
		75														101	134	163	20.4	1450
		59														80	106	129	16.2	1150
		50														67	89	108	13.5	960
35.7	74.0	82	47	73.1	107	64	79.3	145	78	79.40	175	21.8	1740	80	C80					
		68														89	121	146	18.1	1450
		54														71	96	116	14.4	1150
		45.0														59	80	97	12.0	960
35.7	86.7	70	47	85.6	95	64	90.1	128	78	90.2	156	19.3	1740	90	C90					
		58														79	107	130	16.1	1450
		46.0														63	85	103	12.8	1150
		38.4														52	71	86	10.7	960
35.7	93.2	63	47	92.0	86	64	103.4	115	78	103.5	140	17.4	1740	100	D10					

H3 (iN=14-112)

H3 (iN=14-112)

Code	i <sub>N</sub>	n <sub>1</sub> (r/min)	n <sub>2N</sub> (r/min)	H313			H314			H315		
				T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)
C14	14	1740	124.3									
		1450	103.6									
		1150	82.1									
		960	68.6									
C16	16	1740	108.8									
		1450	90.6	88	14.974	1071	120	14.985	1459	153	15.047	1853
		1150	71.9			892			1216			1544
		960	60.0			708			964			1224
C18	18	1740	96.7									
		1450	80.6	88	16.884	950	120	16.897	1294	153	17.091	1631
		1150	63.9			791			1078			1359
		960	53.3			628			855			1078
C20	20	1740	87.0									
		1450	72.5	88	19.502	822	120	19.517	1120	153	19.466	1432
		1150	57.5			685			934			1193
		960	48.0			543			740			946
C22	22.4	1740	77.7									
		1450	64.7	88	22.247	721	120	22.264	982	153	21.285	1310
		1150	51.3			601			818			1091
		960	42.9			476			649			866
C25	25	1740	69.6									
		1450	58.0	88	23.836	673	120	23.854	917	153	23.737	1174
		1150	46.0			561			764			979
		960	38.4			445			606			776
C28	28	1740	62.1									
		1450	51.8	88	27.606	581	120	27.626	791	153	27.005	1032
		1150	41.1			484			660			860
		960	34.3			384			523			682
C32	31.5	1740	55.2									
		1450	46.0	88	31.127	515	120	31.150	702	153	30.553	912
		1150	36.5			429			585			760
		960	30.5			340			464			603
C36	35.5	1740	49.0									
		1450	40.8	88	35.954	446	120	35.981	608	153	34.800	801
		1150	32.4			372			506			668
		960	27.0			295			402			529
C40	40	1740	43.5									
		1450	36.3	88	41.014	391	120	41.045	533	153	38.051	733
		1150	28.8			326			444			611
		960	24.0			258			352			484
C45	45	1740	38.7									
		1450	32.2	88	43.944	365	120	43.976	497	153	42.435	657
		1150	25.6			304			414			547
		960	21.3			241			329			434
C50	50	1740	34.8									
		1450	29.0	88	47.488	338	120	47.523	460	153	48.276	577
		1150	23.0			281			383			481
		960	19.2			223			304			382
C56	56	1740	31.1									
		1450	25.9	88	54.930	292	120	54.971	398	153	54.559	511
		1150	20.5			243			331			426
		960	17.1			193			263			338
C63	63	1740	27.6									
		1450	23.0	88	61.370	261	120	61.415	356	153	62.655	445
		1150	18.3			218			297			371
		960	15.2			173			235			294
C71	71	1740	24.5									
		1450	20.4	88	69.171	232	120	69.222	316	153	71.706	389
		1150	16.2			193			263			324
		960	13.5			153			209			257
C80	80	1740	21.8									
		1450	18.1	88	76.462	210	120	76.519	286	153	79.016	353
		1150	14.4			175			238			294
		960	12.0			139			189			233
C90	90	1740	19.3									
		1450	16.1	88	85.977	186	120	86.041	254	153	88.911	314
		1150	12.8			155			212			261
		960	10.7			123			168			207
D10	100	1740	17.4									
		1450	14.5	88	95.211	168	120	95.282	229	153	97.769	285
		1150	11.5			140			191			238
		960	9.6			111			152			188
D11	112	1740	15.5									
		1450	12.9									
		1150	10.3									
		960	8.6									

H316			H317			H318			n <sub>2N</sub> (r/min)	n <sub>1</sub> (r/min)	i <sub>N</sub>	Code	
T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)					
			220	13.683					124.3	1740	14	C14	
									103.6	1450			
									82.1	1150			
									68.6	960			
190	15.035	2302	220	15.542	265	15.796	265	15.796	108.8	1740	16	C16	
		2579							2547	90.6	1450		
		1919							2020	71.9	1150		
		1522							1686	60.0	960		
		1705							2691	96.7	1740		
		1423							2243	80.6	1450		
		2027							1779	63.9	1150		
190	17.078	1689	220	17.702	265	17.942	265	17.942	1485	53.3	960	18	C18
		1340							2363	87.0	1740		
		1497							1969	72.5	1450		
		1118							1562	57.5	1150		
190	19.452	1780	220	19.356	265	20.436	265	20.436	1304	48.0	960	20	C20
		1483							2161	77.7	1740		
		1176							1801	64.7	1450		
		982							1428	51.3	1150		
		1628							1192	42.9	960		
190	21.269	1356	220	21.586	265	22.345	265	22.345	1938	69.6	1740	22.4	C22
		1076							1615	58.0	1450		
		898							1281	46.0	1150		
		1459							1069	38.4	960		
190	23.719	1216	220	24.557	265	24.919	265	24.919	1703	62.1	1740	25	C25
		965							1419	51.8	1450		
		805							1126	41.1	1150		
		1283							940	34.3	960		
190	26.985	1069	220	27.650	265	28.350	265	28.350	1513	55.2	1740	28	C28
		848							1261	46.0	1450		
		708							1000	36.5	1150		
		1134							835	30.5	960		
190	30.530	945	220	31.493	265	31.920	265	31.920	1328	49.0	1740	31.5	C32
		749							1107	40.8	1450		
		626							878	32.4	1150		
		996							733	27.0	960		
190	34.774	830	220	34.436	265	36.357	265	36.357	1215	43.5	1740	35.5	C36
		658							1012	36.3	1450		
		549							803	28.8	1150		
		910							670	24.0	960		
190	38.023	759	220	38.403	265	39.754	265	39.754	1089	38.7	1740	40	C40
		602							908	32.2	1450		
		502							720	25.6	1150		
		816							601	21.3	960		
190	42.403	680	220	43.689	265	44.333	265	44.333	957	34.8	1740	45	C45
		540							798	29.0	1450		
		450							633	23.0	1150		
		718							528	19.2	960		
190	48.240	598	220	49.375	265	50.436	265	50.436	847	31.1	1740	50	C50
		474							706	25.9	1450		
		396							560	20.5	1150		
		635							467	17.1	960		
190	54.518	529	220	56.702	265	57.000	265	57.000	738	27.6	1740	56	C56
		420							615	23.0	1450		
		350							488	18.3	1150		
		553							407	15.2	960		
190	62.608	461	220	64.893	265	65.458	265	65.458	645	24.5	1740	63	C63
		365							537	20.4	1450		
		305							426	16.2	1150		
		483							356	13.5	960		
190	71.653	403	220	71.509	265	74.914	265	74.914	585	21.8	1740	71	C71
		319							487	18.1	1450		
		267							387				

H3 (iN=16-90)

H3 (iN=16-90)

Code	i <sub>N</sub>	n <sub>1</sub> (r/min)	n <sub>2N</sub> (r/min)	H319			H320			H321			H322		
				T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)
C16	16	1740	108.8	330	15.210	3953*	380	15.368	3350						
		1450	90.6			3294									4505*
		1150	71.9			2613									3754
		960	60.0			2181									2978
C18	18	1740	96.7	330	17.428	3450*	380	17.212	460	17.090	3350				
		1450	80.6			2875									4904*
		1150	63.9			2280									4087
		960	53.3			1903									3241
C20	20	1740	87.0	330	19.460	3090*	380	19.722	460	20.000	520	18.859	5024*		
		1450	72.5			2575									4191*
		1150	57.5			2042									3492
		960	48.0			1705									2770
C22	22.4	1740	77.7	330	21.809	2757*	380	22.021	460	22.787	520	22.070	4293*		
		1450	64.7			2297									3144*
		1150	51.3			1822									3065
		960	42.9			1521									2431
C25	25	1740	69.6	330	24.655	2439*	380	24.678	460	24.900	520	25.145	3768*		
		1450	58.0			2032									3366*
		1150	46.0			1612									2805
		960	38.4			1345									2225
C28	28	1740	62.1	330	26.667	2255*	380	27.899	460	28.148	520	27.478	3448*		
		1450	51.8			1879									2482*
		1150	41.1			1490									2481
		960	34.3			1244									1968
C32	31.5	1740	55.2	330	30.556	1968*	380	30.175	460	31.046	520	31.062	3050*		
		1450	46.0			1640									2700*
		1150	36.5			1301									2250
		960	30.5			1086									1784
C36	35.5	1740	49.0	330	34.118	1726*	380	34.576	460	34.604	520	34.259	2766*		
		1450	40.8			1469									2422*
		1150	32.4			1165									2018
		960	27.0			972									1601
C40	40	1740	43.5	330	38.235	1573*	380	38.607	460	39.118	520	38.186	2481*		
		1450	36.3			1310									2143*
		1150	28.8			1039									1785
		960	24.0			868									1416
C45	45	1740	38.7	330	43.226	1391*	380	43.266	460	43.144	520	43.167	2195		
		1450	32.2			1159									1943*
		1150	25.6			919									1619
		960	21.3			767									1284
C50	50	1740	34.8	330	48.276	1245	380	48.913	460	48.322	520	47.610	1990		
		1450	29.0			1038									1445
		1150	23.0			823									1146
		960	19.2			687									957
C56	56	1740	31.1	330	55.172	1090	380	54.628	460	54.260	520	53.324	1777		
		1450	25.9			908									1545*
		1150	20.5			720									1287
		960	17.1			601									1021
C63	63	1740	27.6	330	63.846	942	380	62.432	460	60.025	520	59.876	1582		
		1450	23.0			785									1396*
		1150	18.3			622									1164
		960	15.2			520									923
C71	71	1740	24.5	330	70.833	849	380	72.247	460	68.119	520	66.239	1430		
		1450	20.4			707									1230*
		1150	16.2			561									1025
		960	13.5			468									813
C80	80	1740	21.8	330	79.091	760	380	80.154			520	75.170	1260		
		1450	18.1			634									720
		1150	14.4			502									571
		960	12.0			419									477
C90	90	1740	19.3				380	89.498					695		
		1450	16.1												774
		1150	12.8												645
		960	10.7												511

卧式安装齿轮箱  
应采用强制润滑  
\* 敬请垂询

Forced lubrication required  
on horizontal gearbox  
\* On request

H323			H324			H325			H326			n <sub>2N</sub> (r/min)	n <sub>1</sub> (r/min)	i <sub>N</sub>	Code
T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)				
												108.8	1740	16	C16
												90.6	1450		
												71.9	1150		
												60.0	960		
640	16.768	*				860	17.104	*	1030	17.140	*	96.7	1740	18	C18
		*						*			*	80.6	1450		
		4596						6055			7236	63.9	1150		
		3837						5054			6041	53.3	960		
640	19.624	*	725	19.004	*	860	19.962	*	1030	20.004	*	87.0	1740	20	C20
		*			*			*			*	72.5	1450		
		3927			4594			5188			6200	57.5	1150		
		3278			3835			4331			5176	48.0	960		
640	22.358	*	725	22.240	*	860	22.787	*	1030	22.835	*	77.7	1740	22.4	C22
		*			*			*			*	64.7	1450		
		3447			3926			4545			5432	51.3	1150		
		2877			3277			3794			4534	42.9	960		
640	24.432	*	725	25.339	*	860	25.852	*	1030	25.907	*	69.6	1740	25	C25
		*			*			*			*	58.0	1450		
		3154			3445			4006			4788	46.0	1150		
		2633			2876			3344			3997	38.4	960		
640	27.619	*	725	27.689	*	860	28.194	*	1030	28.253	*	62.1	1740	28	C28
		*			*			*			*	51.8	1450		
		2790			3153			3673			4390	41.1	1150		
		2329			2632			3066			3665	34.3	960		
640	30.462	*	725	31.301	*	860	31.688	*	1030	31.755	*	55.2	1740	31.5	C32
		*			*			*			*	46.0	1450		
		2530			2789			3268			3906	36.5	1150		
		2112			2328			2728			3261	30.5	960		
640	33.767	*	725	34.523	*	860	36.845	*	1030	36.922	*	49.0	1740	35.5	C36
		*			*			*			*	40.8	1450		
		2282			2529			2811			3359	32.4	1150		
		1905			2111			2346			2804	27.0	960		
640	38.172	*	725	38.270	*	860	40.181	*	1030	40.266	*	43.5	1740	40	C40
		*			*			*			*	36.3	1450		
		2019			2281			2577			3080	28.8	1150		
		1685			1904			2152			2571	24.0	960		
640	42.101	*	725	43.262	*	860	45.162	*	1030	45.257	*	38.7	1740	45	C45
		*			*			*			*	32.2	1450		
		1831			2018			2293			2741	25.6	1150		
		1528			1685			1914			2288	21.3	960		
640	47.154	*	725	47.715	*	860	49.547	*	1030	49.651	*	34.8	1740	50	C50
		*			*			*			*	29.0	1450		
		2061			2307			2577			3080	28.8	1150		
		1634			1830			2090			2498	23.0	960		
		1364			1527			1745			2085	19.2	960		
640	52.948	*	725	53.441	*	860	55.308	*	1030	55.424	*	31.1	1740	56	C56
		*			*			*			*	25.9	1450		
		1835			2060			2288			2741	20.5	1150		
		1456			1634			1872			2238	20.5	960		
		1215			1364			1563			1868	17.1	960		
640	58.574	*	725	60.008	*	860	61.924	*	1030	62.054	*	27.6	1740	63	C63
		*			*			*			*	23.0	1450		
		1659													

Code	$i_N$	H4 (iN=71-400)		H407			H408			H409		
		$n_1$ (r/min)	$n_{2N}$ (r/min)	$T_{2N}$ (kN·m)	$i_{ex}$	$P_{1N}$ (kW)	$T_{2N}$ (kN·m)	$i_{ex}$	$P_{1N}$ (kW)	$T_{2N}$ (kN·m)	$i_{ex}$	$P_{1N}$ (kW)
		C71	71	1740 1450 1150 960	24.5 20.4 16.2 13.5	21.7	71.2	28.5	70.3	35.7	65.9	56 46.5 36.9 30.8
C80	80	1740 1450 1150 960	21.8 18.1 14.4 12.0	21.7	81.1	28.5	80.0	35.7	74.9	48.7 40.6 32.2 26.9	62 52 41.2 34.4	81 67 53 44.5
C90	90	1740 1450 1150 960	19.3 16.1 12.8 10.7	21.7	89.9	28.5	88.7	35.7	86.8	43.3 36.1 28.6 23.9	56 47.0 37.3 31.1	72 60 47.4 39.5
D10	100	1740 1450 1150 960	17.4 14.5 11.5 9.6	21.7	103.1	28.5	101.8	35.7	94.6	39.6 33.0 26.2 21.8	50 42.0 33.3 27.8	65 54 42.8 35.8
D11	112	1740 1450 1150 960	15.5 12.9 10.3 8.57	21.7	116.0	28.5	114.5	35.7	106.4	34.8 29.0 23.0 19.2	44.6 37.2 29.5 24.6	58 48.0 38.1 31.8
D13	125	1740 1450 1150 960	13.9 11.6 9.20 7.68	21.7	126.6	28.5	125.0	35.7	117.1	31.2 26.0 20.6 17.2	40.9 34.1 27.0 22.6	52 43.0 34.1 28.5
D14	140	1740 1450 1150 960	12.4 10.4 8.21 6.86	21.7	144.1	28.5	142.2	35.7	133.1	27.6 23.0 18.2 15.2	36.2 30.2 24.0 20.0	45.6 38.0 30.1 25.2
D16	160	1740 1450 1150 960	10.9 9.06 7.19 6.00	21.7	159.8	28.5	157.7	35.7	154.3	24.0 20.0 15.9 13.2	32.4 27.0 21.4 17.9	40.8 34.0 27.0 22.5
D18	180	1740 1450 1150 960	9.67 8.06 6.39 5.33	21.7	183.3	28.5	180.9	35.7	168.2	21.6 18.0 14.3 11.9	28.8 24.0 19.0 15.9	36.0 30.0 23.8 19.9
D20	200	1740 1450 1150 960	8.70 7.25 5.75 4.80	21.7	206.2	28.5	203.5	35.7	189.2	19.2 16.0 12.7 10.6	25.7 21.4 17.0 14.2	32.4 27.0 21.4 17.9
D22	224	1740 1450 1150 960	7.77 6.47 5.13 4.29	21.7	230.5	28.5	227.4	35.7	207.4	18.0 15.0 11.9 9.9	23.2 19.3 15.3 12.8	28.8 24.0 19.0 15.9
D25	250	1740 1450 1150 960	6.96 5.80 4.60 3.84	21.7	256.6	28.5	253.3	35.7	239.6	15.6 13.0 10.3 8.6	20.9 17.4 13.8 11.5	25.2 21.0 16.7 13.9
D28	280	1740 1450 1150 960	6.21 5.18 4.11 3.43	21.7	281.2	28.5	277.5	35.7	255.5	14.4 12.0 9.5 7.9	18.0 15.0 11.9 9.9	22.8 19.0 15.1 12.6
D32	315	1740 1450 1150 960	5.52 4.60 3.65 3.05	21.7	305.8	28.5	301.8	35.7	295	12.0 10.0 7.9 6.6	16.8 14.0 11.1 9.3	20.4 17.0 13.5 11.3
D36	355	1740 1450 1150 960	4.90 4.08 3.24 2.70					35.7	335.4			18.0 15.0 11.9 9.9
D40	400	1740 1450 1150 960	4.35 3.63 2.88 2.40					35.7	372.7			16.0 13.3 10.6 8.8

Code	$i_N$	$n_1$ (r/min)	$n_{2N}$ (r/min)	H410			H411			H412			$i_N$	Code
				$T_{2N}$ (kN·m)	$i_{ex}$	$P_{1N}$ (kW)	$T_{2N}$ (kN·m)	$i_{ex}$	$P_{1N}$ (kW)	$T_{2N}$ (kN·m)	$i_{ex}$	$P_{1N}$ (kW)		
				47	65.0	121 101 80 67	62	70.7	157 131 104 87	78	70.8	201 167 133 111		
47	73.9	107 89 71 59	62	77.4	139 116 92 77	78	77.5	176 147 117 97	21.8 18.1 14.4 12.0	1740 1450 1150 960	80	C80		
47	85.7	95 79 63 52	62	91.5	123 103 82 68	78	91.6	156 130 103 86	19.3 16.1 12.8 10.7	1740 1450 1150 960	90	C90		
47	93.5	86 71 57 47.2	62	102.5	112 93 74 62	78	102.6	140 117 93 77	17.4 14.5 11.5 9.6	1740 1450 1150 960	100	D10		
47	105.1	76 64 51 42.2	62	109.4	100 83 66 55	78	109.6	126 105 84 70	15.5 12.9 10.3 8.57	1740 1450 1150 960	112	D11		
47	115.6	69 57 45.3 37.8	62	125.2	89 74 59 49.0	78	125.4	114 95 75 63	13.9 11.6 9.20 7.68	1740 1450 1150 960	125	D13		
47	131.4	61 51 40.4 33.7	62	141.5	80 67 53 44.4	78	141.7	101 84 67 56	12.4 10.4 8.21 6.86	1740 1450 1150 960	140	D14		
47	152.4	54 44.6 35.4 29.5	62	167.3	70 58 46.0 38.4	78	167.5	88 73 58 48.3	10.9 9.06 7.19 6.00	1740 1450 1150 960	160	D16		
47	166.1	47.6 39.6 31.4 26.2	62	187.4	61 51 40.4 33.8	78	187.7	78 65 52 43.0	9.67 8.06 6.39 5.33	1740 1450 1150 960	180	D18		
47	186.8	42.8 35.7 28.3 23.6	62	200.1	55 46.0 36.5 30.5	78	200.4	71 59 46.8 39.1	8.70 7.25 5.75 4.80	1740 1450 1150 960	200	D20		
47	204.8	38.2 31.9 25.3 21.1	62	229.0	50 42.0 33.3 27.8	78	229.3	62 52 41.2 34.4	7.77 6.47 5.13 4.29	1740 1450 1150 960	224	D22		
47	236.6	34.3 28.5 22.6 18.9	62	254.5	44.4 37.0 29.3 24.5	78	254.9	56 47.0 37.3 31.1	6.96 5.80 4.60 3.84	1740 1450 1150 960	250	D25		
47	252.3	30.6 25.5 20.2 16.9	62	288.7	39.6 33.0 26.2 21.8	78	289.1	52 43.0 34.1 28.5	6.21 5.18 4.11 3.43	1740 1450 1150 960	280	D28		
47	291.3	27.2 22.7 18 15	62	323.5	34.8 29.0 23.0 19.2	78	324.0	45.6 38.0 30.1 25.2	5.52 4.60 3.65 3.05	1740 1450 1150 960	315	D32		
47	331.2	24.1 20.1 15.9 13.3	62	369.3	31.2 26.0 20.6 17.2	78	369.8	39.6 33.0 26.2 21.8	4.90 4.08 3.24 2.70	1740 1450 1150 960	355	D36		
47	368	21.4 17.8 14.1 11.8	62	393.6	27.7 23.1 18.3 15.3	78	394.1	36.0 30.0 23.8 19.9	4.35 3.63 2.88 2.40	1740 1450 1150 960	400	D40		

H4 (iN=63-450)

H4 (iN=63-450)

Code	i <sub>N</sub>	n <sub>1</sub> (r/min)	n <sub>2N</sub> (r/min)	H413			H414			H415		
				T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)
C63	63	1740	27.6									
		1450	23.0									
		1150	18.3									
		960	15.2									
C71	71	1740	24.5									
		1450	20.4	91	67.606	245	125	67.656	337	153	67.549	413
		1150	16.2			162			281			344
		960	13.5			135			222			273
C80	80	1740	21.8									
		1450	18.1	91	75.714	182	125	75.770	301	153	75.543	369
		1150	14.4			145			250			308
		960	12.0			121			199			244
C90	90	1740	19.3									
		1450	16.1	91	89.261	186	125	89.327	255	153	84.050	332
		1150	12.8			155			212			276
		960	10.7			123			169			219
D10	100	1740	17.4									
		1450	14.5	91	96.850	171	125	96.922	235	153	94.676	294
		1150	11.5			143			196			245
		960	9.6			113			155			195
D11	112	1740	15.5									
		1450	12.9	91	113.091	94	125	113.175	201	153	109.118	262
		1150	10.3			147			130			213
		960	8.6			122			101			169
D13	125	1740	13.9									
		1450	11.6	91	125.308	132	125	125.402	201	153	120.406	262
		1150	9.2			110			151			193
		960	7.7			87			120			153
D14	140	1740	12.4									
		1450	10.4	91	131.237	73	125	131.335	100	153	141.544	128
		1150	8.2			126			173			197
		960	6.9			105			145			164
D16	160	1740	10.9									
		1450	9.1	91	154.719	83	125	154.834	115	153	157.483	130
		1150	7.2			70			96			109
		960	6.0			107			147			177
D18	180	1740	9.7									
		1450	8.1	91	167.873	89	125	167.998	123	153	177.392	148
		1150	6.4			71			97			117
		960	5.3			59			81			98
D20	200	1740	8.7									
		1450	7.3	91	196.024	99	125	196.170	136	153	204.452	157
		1150	5.8			82			113			131
		960	4.8			65			90			104
D22	224	1740	7.8									
		1450	6.5	91	217.201	54	125	217.363	75	153	225.602	87
		1150	5.1			85			116			136
		960	4.3			70			97			114
D25	250	1740	7.0									
		1450	5.8	91	230.350	56	125	230.522	77	153	249.886	90
		1150	4.6			47			64			75
		960	3.8			76			105			124
D28	280	1740	6.2									
		1450	5.2	91	261.832	42	125	262.026	58	153	278.055	68
		1150	4.1			64			87			103
		960	3.4			50			69			82
D32	315	1740	5.5									
		1450	4.6	91	325.306	42	125	325.548	58	153	315.567	68
		1150	3.7			34			46			58
		960	3.0			28			39			49
D36	355	1740	4.9									
		1450	4.1	91	380.846	44	125	381.129	60	153	350.489	80
		1150	3.2			36			50			66
		960	2.7			29			39			53
D40	400	1740	4.4									
		1450	3.6	91	409.409	44	125	409.714	56	153	398.143	70
		1150	2.9			34			46			58
		960	2.4			27			37			46
D45	450	1740	3.9									
		1450	3.2	91	460.189	36	125	460.531	49	153	457.010	61
		1150	2.6			30			41			51
		960	2.1			24			33			40

H416			H417			H418			n <sub>2N</sub> (r/min)	n <sub>1</sub> (r/min)	i <sub>N</sub>	Code
T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)				
			220	61.131	656				27.6	1740	63	C63
					546				23.0	1450		
					433				18.3	1150		
					362				15.2	960		
190	67.499	513	220	68.365	586	265	70.571	684	24.5	1740	71	C71
		427			489			570	20.4	1450		
		339			388			452	16.2	1150		
		283			323			377	13.5	960		
190	75.487	459	220	76.064	527	265	78.923	612	21.8	1740	80	C80
		382			439			510	18.1	1450		
		303			348			404	14.4	1150		
		253			291			338	12.0	960		
190	83.988	412	220	85.680	468	265	87.811	550	19.3	1740	90	C90
		343			390			458	16.1	1450		
		272			309			363	12.8	1150		
		227			258			303	10.7	960		
190	94.605	366	220	98.750	406	265	98.912	488	17.4	1740	100	D10
		305			338			407	14.5	1450		
		242			268			323	11.5	1150		
		202			224			269	9.6	960		
190	109.036	317	220	108.966	368	265	114.000	424	15.5	1740	112	D11
		265			307			353	12.9	1450		
		210			243			280	10.3	1150		
		175			203			234	8.6	960		
190	120.316	288	220	128.095	313	265	125.793	384	13.9	1740	125	D13
		240			261			320	11.6	1450		
		190			207			254	9.2	1150		
		159			173			212	7.7	960		
190	141.438	245	220	142.520	281	265	147.877	327	12.4	1740	140	D14
		204			234			272	10.4	1450		
		162			186			216	8.2	1150		
		135			155			180	6.9	960		
190	157.366	220	220	160.538	250	265	164.530	293	10.9	1740	160	D16
		183			208			245	9.1	1450		
		145			165			194	7.2	1150		
		121			138			162	6.0	960		
190	177.260	195	220	185.026	217	265	185.329	261	9.7	1740	180	D18
		163			181			217	8.1	1450		
		129			143			172	6.4	1150		
		108			120			144	5.3	960		
190	204.300	169	220	204.167	196	265	213.600	226	8.7	1740	200	D20
		141			164			188	7.3	1450		
		112			130			149	5.8	1150		
		93			108			125	4.8	960		
190	225.434	154	220	226.143	177	265	235.697	205	7.8	1740	224	D22
		128			148			171	6.5	1450		
		101			117			135	5.1	1150		
		85			98			113	4.3	960		
190	249.700	139	220	251.636	159	265	261.067	185	7.0	1740	250	D25
		116			133			154	5.8	1450		
		92			105			122	4.6	1150		
		76			88			102	3.8	960		
190	277.848	125	220	285.584	140	265	290.496	166	6.2	1740	280	D28
		104			117			139	5.2	1450		
		82			93			110	4.1	1150		
		69			77			92	3.4	960		
190	315.332	110	220	317.188	126	265	329.687	146	5.5	1740	315	D32
		91			105			122	4.6	1450		
		73			84			97	3.7	1150		
		61			70			81	3.0	960		
190	350.228	99	220	360.314	111	265	366.171	132	4.9	1740	355	D36
		82			93			110	4.1	1450		
		65			74			87	3.2	1150		
		55			61			73	2.7	960		
190	397.847	87	220	413.588	97	265	415.958	116	4.4	1740	400	D40
		73			81			97	3.6	1450		
		58			64							

H4 (iN=63-450)

H4 (iN=63-450)

Code	i <sub>N</sub>	n <sub>1</sub> (r/min)	n <sub>2N</sub> (r/min)	H419			H420			H421			H422		
				T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)
C63	63	1740	27.6												
		1450	23.0												
		1150	18.3												
		960	15.2												
C71	71	1740	24.5			879		1009		1239		1442			
		1450	20.4			733		841		1032		1201			
		1150	16.2	330	68.391	581	380	68.635	667	460	67.651	819	520	65.724	953
		960	13.5			485		557		684		795			
C80	80	1740	21.8			761		895		1088		1269			
		1450	18.1			634		746		906		1058			
		1150	14.4	330	78.997	503	380	77.390	591	460	77.054	719	520	74.653	839
		960	12.0			420		494		600		700			
C90	90	1740	19.3			667		775		995		1114			
		1450	16.1			556		645		829		929			
		1150	12.8	330	90.115	441	380	89.391	512	460	84.253	657	520	85.029	736
		960	10.7			368		427		549		615			
D10	100	1740	17.4			623		679		892		1019			
		1450	14.5			519		566		743		849			
		1150	11.5	330	96.552	412	380	101.972	449	460	93.959	590	520	92.974	673
		960	9.6			344		375		492		562			
D11	112	1740	15.5			576		634		784		914			
		1450	12.9			480		528		653		761			
		1150	10.3	330	104.338	381	380	109.256	419	460	106.894	518	520	103.685	604
		960	8.6			318		350		433		504			
D13	125	1740	13.9			477		586		693		803			
		1450	11.6			397		489		578		669			
		1150	9.2	330	126.083	315	380	118.067	388	460	120.939	458	520	117.958	531
		960	7.7			263		324		382		443			
D14	140	1740	12.4			413		485		608		710			
		1450	10.4			344		404		507		592			
		1150	8.2	330	145.636	273	380	142.673	321	460	137.749	402	520	133.457	469
		960	6.9			228		268		336		392			
D16	160	1740	10.9			362		420		556		623			
		1450	9.1			302		350		464		519			
		1150	7.2	330	166.133	239	380	164.799	278	460	150.620	368	520	152.007	412
		960	6.0			200		232		307		344			
D18	180	1740	9.7			338		368		499		570			
		1450	8.1			281		307		416		475			
		1150	6.4	330	178.000	223	380	187.993	243	460	167.970	330	520	166.210	377
		960	5.3			186		203		275		314			
D20	200	1740	8.7			313		344		439		511			
		1450	7.3			260		286		365		426			
		1150	5.8	330	192.355	207	380	201.421	227	460	191.094	290	520	185.357	338
		960	4.8			172		190		242		282			
D22	224	1740	7.8			270		318		388		449			
		1450	6.5			225		265		323		374			
		1150	5.1	330	222.500	179	380	217.665	210	460	215.962	256	520	210.874	297
		960	4.3			149		175		214		248			
D25	250	1740	7.0			242		275		338		398			
		1450	5.8			202		229		282		331			
		1150	4.6	330	248.586	160	380	251.776	182	460	248.008	223	520	238.316	263
		960	3.8			133		152		186		219			
D28	280	1740	6.2			215		246		295		346			
		1450	5.2			179		205		246		288			
		1150	4.1	330	280.185	142	380	281.295	163	460	283.836	195	520	273.679	229
		960	3.4			118		136		163		191			
D32	315	1740	5.5			194		218		268		302			
		1450	4.6			162		182		223		252			
		1150	3.7	330	309.720	128	380	317.052	144	460	312.773	177	520	313.215	200
		960	3.0			107		120		148		167			
D36	355	1740	4.9			173		198		238		275			
		1450	4.1			144		165		198		229			
		1150	3.2	330	348.261	114	380	350.473	131	460	351.938	157	520	345.147	181
		960	2.7			95		109		131		151			
D40	400	1740	4.4			156		176		217		244			
		1450	3.6			130		146		180		203			
		1150	2.9	330	385.667	103	380	394.085	116	460	387.004	143	520	388.367	161
		960	2.4			86		97		119		135			
D45	450	1740	3.9			159		176		217		244			
		1450	3.2			132		146		180		203			
		1150	2.6			105		116		143		161			
		960	2.1			88		97		119		135			

H423			H424			H425			H426			n <sub>2N</sub> (r/min)	n <sub>1</sub> (r/min)	i <sub>N</sub>	Code
T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)				
640	58.120	2006				860	60.164	2604	1030	60.291	3113	27.6	1740	63	C63
		1672						2170			2594	23.0	1450		
		1326						1721			2057	18.3	1150		
		1107						1437			1717	15.2	960		
640	66.015	1766			2005	860	68.603	2284	1030	68.748	2730	24.5	1740	71	C71
		1472	725	65.869	1671	1903	2275	20.4			1450				
		1167			1325	1510	1804	16.2			1150				
		975			1106	1260	1506	13.5			960				
640	75.191	1551			1766	860	78.449	1997	1030	78.614	2387	21.8	1740	80	C80
		1292	725	74.817	1471	1664	1989	18.1			1450				
		1025			1167	1320	1578	14.4			1150				
		856			974	1102	1317	12.0			960				
640	82.216	1418			1550	860	85.978	1822	1030	86.159	2178	19.3	1740	90	C90
		1182	725	85.216	1292	1519	1815	16.1			1450				
		937			1024	1204	1440	12.8			1150				
		783			855	1005	1202	10.7			960				
640	91.688	1272			1418	860	97.636	1605	1030	97.842	1918	17.4	1740	100	D10
		1060	725	93.179	1181	1337	1598	14.5			1450				
		841			937	1061	1268	11.5			1150				
		702			782	885	1058	9.6			960				
640	104.309	1118			1271	860	106.835	1467	1030	107.060	1753	15.5	1740	112	D11
		932	725	103.913	1059	1222	1461	12.9			1450				
		739			840	969	1159	10.3			1150				
		617			701	809	967	8.6			960				
640	118.015	988			1117	860	122.050	1284	1030	122.307	1534	13.9	1740	125	D13
		823	725	118.217	931	1070	1279	11.6			1450				
		653			739	849	1014	9.2			1150				
		545			616	708	847	7.7			960				
640	134.419	867			988	860	139.566	1123	1030	139.860	1342	12.4	1740	140	D14
		723	725	133.750	823	936	1118	10.4			1450				
		573			653	742	887	8.2			1150				
		479			545	619	740	6.9			960				
640	146.978	793			867	860	152.961	1024	1030	153.283	1224	10.9	1740	160	D16
		661	725	152.341	723	854	1020	9.1			1450				
		524			573	677	809	7.2			1150				
		438			478	565	675	6.0			960				
640	163.910	711			793	860	173.702	902	1030	174.067	1078	9.7	1740	180	D18
		593	725	166.575	661	752	898	8.1			1450				
		470			524	596	713	6.4			1150				
		393			438	498	595	5.3			960				
640	186.474	625			711	860	190.067	824	1030	190.467	985	8.7	1740	200	D20
		521	725	185.764	593	687	821	7.3			1450				
		413			470	545	651	5.8			1150				
		345			392	455	544	4.8			960				
640	210.741	553			625	860	218.848	716	1030	219.309	856	7.8	1740	224	D22
		461	725	211.337	521	597	713	6.5			1450				
		366			413	473	56								

B2 (iN=6.3-14)

B2 (iN=6.3-14)

Code	i <sub>N</sub>	n <sub>1</sub> (r/min)	n <sub>2N</sub> (r/min)	B204			B205			B206			B207		
				T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)
B50	5	1740	348	6.2	4.94	238	9.4	4.97	345	19.0	4.93	702			
		1450	290			199						287	585		
		1150	230			158						228	464		
		960	192			131						190	387		
B56	5.6	1740	311	6.2	5.57	203	9.4	5.75	298	19.0	5.56	623			
		1450	259			169						248	519		
		1150	205			134						197	412		
		960	171			112						164	344		
B63	6.3	1740	276	6.2	6.33	178	9.4	6.22	275	12.0	6.44	340			
		1450	230			149						229	456		
		1150	183			118						182	361		
		960	152			99						152	302		
B71	7.1	1740	245	6.2	7.13	157	9.4	6.96	240	12.0	7.14	486			
		1450	204			131						200	405		
		1150	162			104						159	321		
		960	135			87						132	268		
B80	8	1740	218	6.2	8.26	142	9.4	8.06	215	12.0	8.27	434			
		1450	181			118						179	362		
		1150	144			94						142	287		
		960	120			78						119	240		
B90	9	1740	193	6.2	8.93	125	9.4	8.71	191	12.0	8.94	385			
		1450	161			104						159	321		
		1150	128			82						126	255		
		960	107			69						105	213		
C10	10	1740	174	6.2	10.1	113	9.4	9.88	170	12.0	10.1	346			
		1450	145			94						142	288		
		1150	115			75						113	228		
		960	96.0			62						94	191		
C11	11.2	1740	155	6.2	11.1	100	9.4	10.9	152	12.0	11.1	308			
		1450	129			83						127	257		
		1150	103			66						101	204		
		960	85.7			55						84	170		
C13	12.5	1740	139	6.2	12.9	89	9.4	12.5	137	12.0	12.9	276			
		1450	116			74						114	230		
		1150	92.0			59						90	183		
		960	76.8			49.2						75	152		
C14	14	1740	124	6.2	13.9	80	9.4	13.6	122	12.0	13.9	247			
		1450	104			66						102	206		
		1150	82.1			53						81	163		
		960	68.6			44.0						67	136		

B208			B209			B210			B211			B212			n <sub>2N</sub> (r/min)	n <sub>1</sub> (r/min)	i <sub>N</sub>	Code	
T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)					
23.8	6.25	694	29.9	6.25	872	38.0	6.44	1075	54	6.17	1604*	63	6.18	1868*	276	1740	6.3	B63	
					726			896			1329			1548	230	1450			
					576			711			1054			880	1228	183			1150
					481			593			880			1025	152	960			
23.8	7.05	610	29.9	7.05	766	38.0	6.96	980	54	6.96	1780*	63	6.97	1868*	276	1740	7.1	B71	
					638			973			1342			1560	245	1740			
					508			811			1118			1300	204	1450			
					403			643			887			1031	162	1150			
23.8	8.16	542	29.9	8.16	682	38.0	8.06	980	54	8.06	1780*	63	8.07	1868*	276	1740	8	B80	
					568			868			1234			1441	218	1740			
					452			723			1028			1201	181	1450			
					358			573			815			953	144	1150			
23.8	8.82	482	29.9	8.82	606	38.0	8.71	980	54	8.71	1780*	67	8.73	1868*	276	1740	9	B90	
					505			770			1096			1322	193	1740			
					402			642			913			1102	161	1450			
					319			509			724			874	128	1150			
23.8	10.0	433	29.9	10.0	544	38.0	9.88	1075	54	9.88	1604*	67	9.89	1868*	276	1740	10	C10	
					453			691			984			1207	174	1740			
					361			576			820			1006	145	1450			
					286			457			650			798	115	1150			
23.8	11.0	386	29.9	11.0	486	38.0	10.9	980	54	10.9	1780*	67	10.9	1868*	276	1740	11.2	C11	
					405			618			878			1079	155	1740			
					322			515			732			899	129	1450			
					255			408			581			713	103	1150			
23.8	12.7	347	29.9	12.7	435	38.0	12.5	980	54	12.5	1780*	67	12.6	1868*	276	1740	12.5	C13	
					363			553			787			966	139	1740			
					289			461			656			805	116	1450			
					229			366			520			638	92.0	1150			
23.8	13.8	308	29.9	13.8	389	38.0	13.6	980	54	13.6	1780*	67	13.6	1868*	276	1740	14	C14	
					324			493			703			860	124	1740			
					257			411			586			717	104	1450			
					204			326			464			569	82.1	1150			
23.8	17.0	170	29.9	17.0	215	38.0	17.0	980	54	17.0	1780*	67	17.0	1868*	276	1740	17.0	C17	
					215			388			475			68.6	960				

卧式安装齿轮箱  
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Forced lubrication required  
on horizontal gearbox  
\* On request

B2 (iN=6.3-14)

B2 (iN=6.3-14)

Code	i <sub>N</sub>	n <sub>1</sub> (r/min)	n <sub>2N</sub> (r/min)	B213			B214			B215		
				T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)
B63	6.3	1740	276.2	76	6.172	2244*	96	6.176	130	6.176	2832*	3835*
		1450	230.2			1870					2360	3196*
		1150	182.5			1483					1872	2535*
		960	152.4			1238					1562	2116
B71	7.1	1740	245.1	76	6.957	1990*	96	6.963	132	6.963	2512*	3454*
		1450	204.2			1659					2093	2879*
		1150	162.0			1315					1660	2283*
		960	135.2			1098					1386	1906
B80	8	1740	217.5	82	8.056	1855*	104	8.062	132	8.062	2350*	2983*
		1450	181.3			1545					1959	2486
		1150	143.8			1226					1553	1972
		960	120.0			1023					1297	1646
B90	9	1740	193.3	82	8.713	1715*	104	8.720	132	8.720	2173*	2758*
		1450	161.1			1429					1811	2298
		1150	127.8			1133					1436	1823
		960	106.7			946					1199	1522
C10	10	1740	174.0	82	10.204	1464*	109	10.212	132	10.212	1945*	2355*
		1450	145.0			1220					1621	1963
		1150	115.0			968					1285	1557
		960	96.0			808					1073	1299
C11	11.2	1740	155.4	82	10.863	1375*	111	10.871	132	10.871	1860*	2212*
		1450	129.5			1146					1550	1844
		1150	102.7			909					1230	1462
		960	85.7			759					1026	1221
C13	12.5	1740	139.2	82	12.534	1192*	111	12.543	132	12.543	1612*	1917*
		1450	116.0			993					1344	1598
		1150	92.0			788					1066	1267
		960	76.8			658					890	1058
C14	14	1740	124.3	82	13.578	1100*	111	13.588	132	13.588	1488*	1770*
		1450	103.6			917					1240	1475
		1150	82.1			727					984	1170
		960	68.6			607					821	977

卧式安装齿轮箱  
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B216			B217			B218			n <sub>2N</sub> (r/min)	n <sub>1</sub> (r/min)	i <sub>N</sub>	Code
T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)				
160	6.172	4723*	215	6.184	5278*	253	7.139	276.2	1740	6.3	B63	
		3936*			4189*			230.2	1450			
		3122*			3495*			182.5	1150			
		2606			2116			152.4	960			
160	6.957	4190*	215	7.161	4559*	253	7.139	245.1	1740	7.1	B71	
		3492*			3616*			204.2	1450			
		2769*			3018			162.0	1150			
		2312			1906			135.2	960			
163	8.056	3687*	215	7.745	5058*	253	8.267	217.5	1740	8	B80	
		3072*			4215*			181.3	1450			
		2437*			3343*			143.8	1150			
		2034			2790			120.0	960			
163	8.713	3408*	215	9.070	4319*	253	8.941	193.3	1740	9	B90	
		2840			3599*			161.1	1450			
		2253			2854*			127.8	1150			
		1881			2383			106.7	960			
163	10.204	2910*	215	9.948	3938*	253	10.471	174.0	1740	10	C10	
		2425			3281*			145.0	1450			
		1924			2602*			115.0	1150			
		1606			2173			96.0	960			
163	10.863	2734*	215	11.141	3516*	253	11.484	155.4	1740	11.2	C11	
		2278			2930*			129.5	1450			
		1807			2324*			102.7	1150			
		1508			1940			85.7	960			
163	12.534	2369*	215	12.069	3246*	253	12.862	139.2	1740	12.5	C13	
		1975			2705*			116.0	1450			
		1566			2145*			92.0	1150			
		1307			1791			76.8	960			
163	13.578	2187*	215	13.606	2879*	253	13.933	124.3	1740	14	C14	
		1823			2399			103.6	1450			
		1446			1903			82.1	1150			
		1207			1589			68.6	960			

卧式安装齿轮箱  
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Forced lubrication required  
on horizontal gearbox  
\* On request

B3 (iN=16-90)

B3 (iN=16-90)

Code	i <sub>N</sub>	n <sub>1</sub> (r/min)	n <sub>2N</sub> (r/min)	B304			B305			B306			B307		
				T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)
C16	16	1740	109.0	6.7	15.6	74	10.5	14.9	120	12.0	15.3	137	20.0	15.5	226
		1450	90.6			62			100			114			188
		1150	71.9			49.2			79			90			149
		960	60.0			41.0			66			75			124
C18	18	1740	96.7	6.7	17.6	67	11.6	16.8	114	12.6	17.3	126	21.7	17.5	212
		1450	80.6			56			95			105			177
		1150	63.9			44.4			75			83			140
		960	53.3			37.1			63			70			117
C20	20	1740	87.0	6.7	18.7	60	11.6	17.9	106	13.2	18.4	120	21.7	20.2	197
		1450	72.5			50			88			100			164
		1150	57.5			39.7			70			79			130
		960	48.0			33.1			58			66			109
C22	22.4	1740	77.7	6.7	22.0	54	11.6	21.1	94	14.2	21.6	115	21.7	21.9	176
		1450	64.7			45.0			78			96			147
		1150	51.3			35.7			62			76			117
		960	42.9			29.8			52			64			97
C25	25	1740	69.6	6.7	24.9	49.2	11.6	23.9	84	15.5	24.5	113	21.7	24.8	157
		1450	58.0			41.0			70			94			131
		1150	46.0			32.5			56			75			104
		960	38.4			27.1			46.3			62			87
C28	28	1740	62.1	6.7	27.7	43.2	11.6	26.5	76	15.5	27.2	101	21.7	28.3	142
		1450	51.8			36.0			63			84			118
		1150	41.1			28.6			50			67			94
		960	34.3			23.8			41.7			56			78
C32	31.5	1740	55.2	6.7	31.2	38.4	11.6	29.9	67	15.5	30.7	89	21.7	31.9	126
		1450	46.0			32.0			56			74			105
		1150	36.5			25.4			44.4			59			83
		960	30.5			21.2			37.1			49.0			70
C36	35.5	1740	49.0	6.7	33.2	33.6	11.6	31.8	59	15.5	32.7	79	21.7	37.0	110
		1450	40.8			28.0			49.0			66			92
		1150	32.4			22.2			38.9			52			73
		960	27.0			18.5			32.4			43.7			61
C40	40	1740	43.5	6.7	39.1	30.0	11.6	37.5	53	15.5	38.4	71	21.7	40.0	100
		1450	36.3			25.0			44.0			59			83
		1150	28.8			19.8			34.9			46.8			66
		960	24.0			16.6			29.1			39.1			55
C45	45	1740	38.7	6.7	44.3	26.4	11.6	42.5	46.8	15.5	43.6	61	21.7	45.3	86
		1450	32.2			22.0			39.0			51			72
		1150	25.6			17.4			30.9			40.4			57
		960	21.3			14.6			25.8			33.8			47.7
C50	50	1740	34.8	6.7	48.7	24.0	11.6	46.7	42.0	15.5	47.9	55	21.7	49.8	79
		1450	29.0			20.0			35.0			46.0			66
		1150	23.0			15.9			27.8			36.5			52
		960	19.2			13.2			23.2			30.5			43.7
C56	56	1740	31.1	6.7	56.2	21.6	11.6	53.9	37.2	15.5	55.3	50	21.7	57.5	71
		1450	25.9			18.0			31.0			42.0			59
		1150	20.5			14.3			24.6			33.3			46.8
		960	17.1			11.9			20.5			27.8			39.1
C63	63	1740	27.6	6.7	60.9	19.2	11.6	58.4	32.4	15.5	59.9	44.4	21.7	62.3	61
		1450	23.0			16.0			27.0			37.0			51
		1150	18.3			12.7			21.4			29.3			40.4
		960	15.2			10.6			17.9			24.5			33.8
C71	71	1740	24.5	6.7	68.7	16.8	11.6	65.8	28.8	15.5	67.5	39.6	20.0	70.2	50
		1450	20.4			14.0			24.0			33.0			42.0
		1150	16.2			11.1			19.0			26.2			33.3
		960	13.5			9.3			15.9			21.8			27.8
C80	80	1740	21.8	6.7	78.8	14.9	11.6	75.5	25.2	15.5	77.5	34.8	20.0	80.5	44.7
		1450	18.1			12			21.0			29.0			37
		1150	14.4			9.9			16.7			23.0			29.6
		960	12.0			8.2			13.9			19.2			24.7
C90	90	1740	19.3	6.7	85.8	13.3	11.6	82.3	22.8	15.5	84.4	31.2	20.0	87.8	39.8
		1450	16.1			11.0			19.0			26.0			33
		1150	12.8			8.8			15.1			20.6			26.3
		960	10.7			7.3			12.6			17.2			21.9

B308			B309			B310			B311			B312			n <sub>2N</sub> (r/min)	n <sub>1</sub> (r/min)	i <sub>N</sub>	Code		
T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)						
21.5	15.3	245	31.0	15.6	354	35.6	15.4	406	60	15.4	683	67	15.5	756	109.0	1740	16	C16		
		204			295			338			569			630					90.6	1450
		162			234			268			451			500					71.9	1150
		135			195			224			377			417					60.0	960
23.1	17.2	232	34.0	17.6	341	37.5	17.4	377	62	17.4	624	70	17.4	701	96.7	1740	18	C18		
		193			284			314			520			584					80.6	1450
		153			225			249			412			463					63.9	1150
		128			188			208			344			387					53.3	960
25.0	19.9	227	35.7	20.4	325	39.3	20.1	358	64	20.1	577	73	20.2	661	87.0	1740	20	C20		
		189			271			298			481			551					72.5	1450
		150			215			236			381			437					57.5	1150
		125			179			197			318			365					48.0	960
27.2	21.6	215	35.7	22.1	290	43.8	21.8	340	64	21.8	516	78	21.8	614	77.7	1740	22.4	C22		
		179			242			283			430			512					64.7	1450
		142			192			224			341			406					51.3	1150
		119			160			187			285			339					42.9	960
27.2	24.4	197	35.7	25.0	260	43.8	24.7	319	64	24.7	462	78	24.7	563	69.6	1740	25	C25		
		164			217			266			385			469					58.0	1450
		130			172			211			305			372					46.0	1150
		109			144			176			255			311					38.4	960
27.2	27.9	178	35.7	27.1	233	43.8	26.7	287	64	28.9	416	78	29.0	505	62.1	1740	28	C28		
		148			194			239			347			421					51.8	1450
		117			154			190			275			334					41.1	1150
		98			128			158			230			279					34.3	960
27.2	31.5	157	35.7	30.5	208	43.8	30.1	256	64	32.6	370	78	32.6	450	55.2	1740	31.5	C32		
		131			173			213			308			375					46.0	1450
		104			137			169			244			297					36.5	1150
		87			115			141			204			248					30.5	960
27.2	36.5	138	35.7	35.4	182	43.8	34.9	223	64	37.7	324	78	37.8	394	49.0	1740	35.5	C36		
		115			152			186			270			328					40.8	1450
		91			121			148			214			260					32.4	1150
		76			101			123			179			217					27.0	960
27.2	39.4	125	35.7	38.2	164	43.8	37.8	202	64	40.8	293	78	40.9	356	43.5	1740	40	C40		
		104			137			168			244			297					36.3	1450
		82			109			133			194			236					28.8	1150
		69			91			111			162			197					24.0	960
27.2	44.7	108	35.7	43.3	143	43.8	42.8	175	64	46.3	254	78	46.3	308	38.7	1740	45	C45		
		90			119			146			212			257					32.2	1450
		71			94			116			168			204					25.6	1150
		60			79			97			140			170					21.3	960
27.2	49.2	98	35.7	47.7	130	43.8	47.1	158	64	50.9	230	78	51.0	281	34.8	1740	50	C50		
		82			108			132			192			234					29.0	1450
		65			86			105			152			186					23.0	1150
		54			72			87			127			155					19.2	960
27.2	56.7	88	35.7	55.0	116	43.8	54.3	143	64	58.7	208	78	58.8	253	31.1	1740	56	C56		
		73			97			119			173			211					25.9	1450
		58			77			94			137			167					20.5	1150
		48.3			64			79			115			140					17.1	960
27.2	61.5	79	35.7	59.6	103	43.8	58.8	127	64	63.6	185	78	63.7	226	27.6	1740	63	C63		
		66			86			106			154			188					23.0	1450
		52			68			84			122			149					18.3	1150
		43.7			57			70			102			124					15.2	960
27.2	69.3	68	34.0	67.2	86	43.8	66.3	112	60	71.7	152	78	71.8	196	24.5	1740	71	C71		
		57			72			93			127			163					20.4	1450
		45.2			57			74			101			129					16.2	1150
		37.7			47.7			62			84			108					13.5	960
27.2	79.5	60	34.0	77.0	77	43.8	76.1	100	60	82.2	135	78	82.3	175	21.8	1740	80	C80		
		50			64			83			113			146					18.1	1450
		39.7			51			66			89			116					14.4	1150
		33.1			42.3			55			75			97					12.0	960
25.2	86.6	52	34																	

B3 (iN=16-90)

B3 (iN=16-90)

Code	i <sub>N</sub>	n <sub>1</sub> (r/min)	n <sub>2N</sub> (r/min)	B313			B314			B315		
				T2N (kN·m)	i <sub>ex</sub>	P1N (kW)	T2N (kN·m)	i <sub>ex</sub>	P1N (kW)	T2N (kN·m)	i <sub>ex</sub>	P1N (kW)
C16	16	1740	108.8	91	14.898	1113	112	14.909	148	15.260	1767*	
		1450	90.6			927					1473	
		1150	71.9			736					1168	
		960	60.0			614					975	
C18	18	1740	96.7	91	16.794	987	112	16.806	148	17.202	1568*	
		1450	80.6			823					1306	
		1150	63.9			653					1036	
		960	53.3			545					865	
C20	20	1740	87.0	91	19.445	853	119	19.460	153	19.918	1400*	
		1450	72.5			711					1166	
		1150	57.5			564					925	
		960	48.0			470					772	
C22	22.4	1740	77.7	91	21.032	788	119	21.048	153	21.543	1294*	
		1450	64.7			657					1078	
		1150	51.3			521					855	
		960	42.9			435					714	
C25	25	1740	69.6	91	23.836	696	125	23.854	153	24.415	1142*	
		1450	58.0			580					951	
		1150	46.0			460					755	
		960	38.4			384					630	
C28	28	1740	62.1	91	27.465	604	125	27.485	153	27.279	1022*	
		1450	51.8			503					852	
		1150	41.1			399					675	
		960	34.3			333					564	
C32	31.5	1740	55.2	91	30.960	536	125	30.983	153	30.751	907*	
		1450	46.0			446					755	
		1150	36.5			354					599	
		960	30.5			295					500	
C36	35.5	1740	49.0	91	35.849	463	125	35.876	153	35.607	783*	
		1450	40.8			385					652	
		1150	32.4			306					517	
		960	27.0			255					432	
C40	40	1740	43.5	91	38.774	428	125	38.803	153	38.512	724*	
		1450	36.3			356					603	
		1150	28.8			283					478	
		960	24.0			236					399	
C45	45	1740	38.7	91	43.944	377	125	43.976	153	43.647	639*	
		1450	32.2			314					532	
		1150	25.6			249					422	
		960	21.3			208					352	
C50	50	1740	34.8	91	48.338	343	125	48.374	153	48.012	581	
		1450	29.0			286					484	
		1150	23.0			227					384	
		960	19.2			189					320	
C56	56	1740	31.1	91	55.775	297	125	55.816	153	55.398	503	
		1450	25.9			248					419	
		1150	20.5			196					333	
		960	17.1			164					278	
C63	63	1740	27.6	91	60.423	274	125	60.468	153	60.015	464	
		1450	23.0			229					387	
		1150	18.3			181					307	
		960	15.2			151					256	
C71	71	1740	24.5	91	68.113	243	125	68.164	153	67.653	412	
		1450	20.4			203					343	
		1150	16.2			161					272	
		960	13.5			134					227	
C80	80	1740	21.8	91	78.122	212	125	78.180	153	77.595	359	
		1450	18.1			177					299	
		1150	14.4			140					237	
		960	12.0			117					198	
C90	90	1740	19.3	91	85.141	195	125	85.204	153	84.566	330	
		1450	16.1			162					275	
		1150	12.8			129					218	
		960	10.7			107					182	

卧式安装齿轮箱  
应采用强制润滑  
\* 敬请垂询

Forced lubrication required  
on horizontal gearbox  
\* On request

B316			B317			B318			n <sub>2N</sub> (r/min)	n <sub>1</sub> (r/min)	i <sub>N</sub>	Code		
T2N (kN·m)	i <sub>ex</sub>	P1N (kW)	T2N (kN·m)	i <sub>ex</sub>	P1N (kW)	T2N (kN·m)	i <sub>ex</sub>	P1N (kW)						
183	15.248	2187*	220	15.643	2562*	253	16.020	2877*	108.8	1740	16	C16		
		1822			2135			2398					90.6	1450
		1445			1694			1902					71.9	1150
		1206			1414			1588					60.0	960
183	17.189	1940*	220	18.113	2213*	265	18.058	2674*	96.7	1740	18	C18		
		1616			1844			2228					80.6	1450
		1282			1463			1767					63.9	1150
		1070			1221			1475					53.3	960
183	19.903	1675*	220	19.591	2046*	265	20.910	2309*	87.0	1740	20	C20		
		1396			1705			1924					72.5	1450
		1107			1352			1526					57.5	1150
		924			1129			1274					48.0	960
190	21.527	1608*	220	22.943	1747*	265	22.616	2135*	77.7	1740	22.4	C22		
		1340			1456			1779					64.7	1450
		1063			1155			1411					51.3	1150
		887			964			1178					42.9	960
190	24.397	1127*	220	24.688	1624*	265	26.486	1823*	69.6	1740	25	C25		
		939			1353			1519					58.0	1450
		745			1073			1205					46.0	1150
		622			896			1006					38.4	960
190	27.259	1270*	220	27.830	1440*	265	28.500	1694*	62.1	1740	28	C28		
		1058			1200			1412					51.8	1450
		839			952			1120					41.1	1150
		701			795			935					34.3	960
190	30.728	1127*	220	32.224	1244*	265	32.127	1503*	55.2	1740	31.5	C32		
		939			1037			1252					46.0	1450
		745			822			993					36.5	1150
		622			686			829					30.5	960
190	35.580	973*	220	34.853	1150*	265	37.200	1298*	49.0	1740	35.5	C36		
		811			958			1082					40.8	1450
		643			760			858					32.4	1150
		537			635			716					27.0	960
190	38.483	900*	220	40.817	982*	265	40.235	1200*	43.5	1740	40	C40		
		750			818			1000					36.3	1450
		595			649			793					28.8	1150
		496			542			662					24.0	960
190	43.615	794*	220	43.450	923*	265	47.120	1025*	38.7	1740	45	C45		
		661			769			854					32.2	1450
		525			610			677					25.6	1150
		438			509			565					21.3	960
190	47.976	722*	220	50.135	800*	265	50.160	963*	34.8	1740	50	C50		
		601			666			802					29.0	1450
		477			528			636					23.0	1150
		398			441			531					19.2	960
190	55.357	625	220	54.313	738*	265	57.877	834*	31.1	1740	56	C56		
		521			615			695					25.9	1450
		413			488			551					20.5	1150
		345			407			460					17.1	960
190	59.970	577	220	61.225	655*	265	62.700	770*	27.6	1740	63	C63		
		481			546			642					23.0	1450
		382			433			509					18.3	1150
		318			361			425					15.2	960
190	67.603	512	220	70.222	571*	265	70.680	683*	24.5	1740	71	C71		
		427			476			569					20.4	1450
		338			377			451					16.2	1150
		283			315			377					13.5	960
190	77.537	446	220	76.531	524*	265	81.067	596*	21.8	1740	80	C80		
		372			436			496					18.1	1450
		295			346			394					14.4	1150
		246			289			329					12.0	960
190	84.503	410	220	84.503	546*	265	88.350	546*	19.3	1740	90	C90		
		341			455			455					16.1	1450
		271			361			361					12.8	1150
		226			302			302					10.7	960

卧式安装齿轮箱  
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Forced lubrication required  
on horizontal gearbox  
\* On request



B4 (iN=100-400)

B4 (iN=100-400)

Code	iN	n <sub>1</sub> (r/min)	n <sub>2N</sub> (r/min)	B405			B406			B407			B408		
				T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)
D10	100	1740	17.4	11.6	96.3	20.9	15.5	98.9	27.8	22.0	98.4	39.6	27.5	97.1	49.2
		1450	14.5			17.4			23.2			33.0			41.0
		1150	11.5			13.8			18.4			26.2			32.5
		960	9.6			11.5			15.4			21.8			27.1
D11	112	1740	15.5	11.6	109.2	18.6	15.5	112.0	24.4	22.0	111.5	34.8	27.5	110.0	44.4
		1450	12.9			15.5			20.3			29.0			37.0
		1150	10.3			12.3			16.1			23.0			29.3
		960	8.57			10.3			13.4			19.2			24.5
D13	125	1740	13.9	11.6	119.4	16.2	15.5	122.6	22.1	22.0	123.9	31.2	27.5	122.2	39.6
		1450	11.6			13.5			18.4			26.0			33.0
		1150	9.20			10.7			14.6			20.6			26.2
		960	7.68			8.9			12.2			17.2			21.8
D14	140	1740	12.4	11.6	134.6	14.5	15.5	138.1	19.7	22.0	139.6	27.6	27.5	137.8	34.8
		1450	10.4			12.1			16.4			23.0			29.0
		1150	8.21			9.6			13.0			18.2			23.0
		960	6.86			8.0			10.9			15.2			19.2
D16	160	1740	10.9	11.6	143.3	12.7	15.5	147.1	17.4	22.0	148.6	24.0	27.5	146.7	30.0
		1450	9.06			10.6			14.5			20.0			25.0
		1150	7.19			8.4			11.5			15.9			19.8
		960	6.00			7.0			9.6			13.2			16.6
D18	180	1740	9.67	11.6	168.6	11.6	15.5	173.0	15.1	22.0	174.9	21.6	27.5	172.6	27.6
		1450	8.06			9.7			12.6			18.0			23.0
		1150	6.39			7.7			10.0			14.3			18.2
		960	5.33			6.4			8.3			11.9			15.2
D20	200	1740	8.70	11.6	191.1	10.6	15.5	196.1	13.9	22.0	198.2	19.2	27.5	195.6	24.0
		1450	7.25			8.8			11.6			16.0			20.0
		1150	5.75			7.0			9.2			12.7			15.9
		960	4.80			5.8			7.7			10.6			13.2
D22	224	1740	7.77	11.6	210.2	9.4	15.5	215.7	12.4	22.0	218.0	18.0	27.5	215.1	21.6
		1450	6.47			7.8			10.3			15.0			18.0
		1150	5.13			6.2			8.2			11.9			14.3
		960	4.29			5.2			6.8			9.9			11.9
D25	250	1740	6.96	11.6	242.5	8.4	15.5	248.9	11.3	22.0	251.6	15.6	27.5	248.2	19.2
		1450	5.80			7.0			9.4			13.0			16.0
		1150	4.60			5.6			7.5			10.3			12.7
		960	3.84			4.63			6.2			8.6			10.6
D28	280	1740	6.21	11.6	262.7	7.6	15.5	269.6	10.1	22.0	272.5	14.4	27.5	268.9	18.0
		1450	5.18			6.3			8.4			12.0			15.0
		1150	4.11			5.0			6.7			9.5			11.9
		960	3.43			4.17			5.6			7.9			9.9
D32	315	1740	5.52	11.2	296.2	6.5	15.5	303.9	8.9	20.5	307.2	12.0	27.5	303.2	15.6
		1450	4.60			5.4			7.4			10.0			13.0
		1150	3.65			4.28			5.9			7.9			10.3
		960	3.05			3.58			4.90			6.6			8.6
D36	355	1740	4.90	11.2	339.7	5.6	15.5	348.6	7.9	20.5	352.3	10.6	26.5	347.7	13.2
		1450	4.08			4.70			6.6			9			11.0
		1150	3.24			3.73			5.2			7.0			8.7
		960	2.70			3.11			4.37			5.8			7.3
D40	400	1740	4.35	11.2	370.2	5.0	14.5	379.9	6.6	20.5	384.0	9.4	26.5	379.0	12.0
		1450	3.63			4.20			5.5			8			10.0
		1150	2.88			3.33			4.36			6.2			7.9
		960	2.40			2.78			3.64			5.2			6.6

B409			B410			B411			B412			n <sub>2N</sub> (r/min)	n <sub>1</sub> (r/min)	iN	Code	
T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)					
36.0	104.8	65	44.5	103.5	80	62	99.8	112	78	99.9	142	78	99.9	17.4	1740	
		54			67			93			118			14.5	1450	
		42.8			53			74			94			11.5	1150	
		35.8			44.4			62			78			9.6	960	
36.0	116.5	58	44.5	115.0	72	62	113.1	100	78	113.2	126	78	113.2	15.5	1740	
		48.0			60			83			105			12.9	1450	
		38.1			47.6			66			83			10.3	1150	
		31.8			39.7			55			70			8.57	960	
36.0	131.3	52	44.5	129.6	64	62	129.2	89	78	129.4	114	78	129.4	13.9	1740	
		43.0			53			74			95			11.6	1450	
		34.1			42.0			59			75			9.20	1150	
		28.5			35.1			49			63			7.68	960	
36.0	139.8	45.6	44.5	138.0	56	62	145.7	80	78	145.9	101	78	145.9	12.4	1740	
		38.0			47.0			67			84			10.4	1450	
		30.1			37.3			53			67			8.21	1150	
		25.2			31.1			44.4			56			6.86	960	
36.0	164.4	40.8	44.5	162.4	50	62	168.7	70	78	168.9	88	78	168.9	10.9	1740	
		34.0			42.0			58			73			9.06	1450	
		27.0			33.3			46.0			58			7.19	1150	
		22.5			27.8			38.4			48.3			6.00	960	
36.0	186.3	36.0	44.5	184.0	44.4	62	182.5	61	78	182.7	78	78	182.7	9.67	1740	
		30.0			37.0			51			65			8.06	1450	
		23.8			29.3			40.4			52			6.39	1150	
		19.9			24.5			33.8			43.0			5.33	960	
36.0	205.0	32.4	44.5	202.4	39.6	62	206.8	55	78	207.1	71	78	207.1	8.70	1740	
		27.0			33.0			46.0			59			7.25	1450	
		21.4			26.2			36.5			46.8			5.75	1150	
		17.9			21.8			30.5			39.1			4.80	960	
36.0	236.5	28.8	44.5	233.5	36.0	62	227.5	50	78	227.8	62	78	227.8	7.77	1740	
		24.0			30.0			42.0			52			6.47	1450	
		19.0			23.8			33.3			41.2			5.13	1150	
		15.9			19.9			27.8			34.4			4.29	960	
36.0	256.2	25.2	44.5	253.0	31.2	62	262.5	44.4	78	262.8	56	78	262.8	6.96	1740	
		21.0			26.0			37.0			47.0			5.80	1450	
		16.7			20.6			29.3			37.3			4.60	1150	
		13.9			17.2			24.5			31.1			3.84	960	
36.0	288.8	22.8	44.5	285.2	27.6	62	284.3	39.6	78	284.7	52	78	284.7	6.21	1740	
		19.0			23.0			33.0			43.0			5.18	1450	
		15.1			18.2			26.2			34.1			4.11	1150	
		12.6			15.2			21.8			28.5			3.43	960	
34.0	331.3	19.2	44.5	327.1	25.2	62	320.5	34.8	78	321.0	45.6	78	321.0	5.52	1740	
		16.0			21.0			29.0			38.0			4.60	1450	
		12.7			16.7			23.0			30.1			3.65	1150	
		10.6			13.9			19.2			25.2			3.05	960	
34.0	361.0	16.8	44.5	356.5	22.8	60	327.6	30.8	78	368.2	39.6	78	368.2	4.90	1740	
		14.0			19.0			26			33.0			4.08	1450	
		11.1			15.1			20.4			26.2			3.24	1150	
		9.3			12.6			17.0			21.8			2.70	960	
						60	400.7		74	401.2						
											27.4			33.6	4.35	1740
											23			28.0	3.63	1450
											18.1			22.2	2.88	1150
											15.1			18.5	2.40	960

B4 (iN=90-400)

B4 (iN=90-400)

Code	iN	n <sub>1</sub> (r/min)	n <sub>2N</sub> (r/min)	B413			B414			B415		
				T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)
C90	90	1740	19.3									
		1450	16.1									
		1150	12.8									
		960	10.7									
D10	100	1740	17.4	91	96.935	171	125	97.007	235	153	96.280	290
		1450	14.5			143			196			241
		1150	11.5			113			155			191
		960	9.6			94			130			160
D11	112	1740	15.5	91	109.859	151	125	109.941	207	153	109.118	255
		1450	12.9			126			173			213
		1150	10.3			100			137			169
		960	8.6			83			114			141
D13	125	1740	13.9	91	119.014	139	125	119.103	191	153	127.783	218
		1450	11.6			116			159			182
		1150	9.2			92			126			144
		960	7.7			77			106			120
D14	140	1740	12.4	91	134.162	124	125	134.261	170	153	144.046	194
		1450	10.4			103			141			161
		1150	8.2			82			112			128
		960	6.9			68			94			107
D16	160	1740	10.9	91	155.345	107	125	155.461	146	153	166.790	167
		1450	9.1			89			122			139
		1150	7.2			71			97			110
		960	6.0			59			81			92
D18	180	1740	9.7	91	168.020	99	125	168.145	135	153	180.399	155
		1450	8.1			82			113			129
		1150	6.4			65			90			102
		960	5.3			54			75			85
D20	200	1740	8.7	91	190.423	87	125	190.565	120	153	204.452	136
		1450	7.3			73			100			114
		1150	5.8			58			79			90
		960	4.8			48			66			75
D22	224	1740	7.8	91	209.465	79	125	209.621	109	153	224.897	124
		1450	6.5			66			91			103
		1150	5.1			52			72			82
		960	4.3			44			60			68
D25	250	1740	7.0	91	241.691	69	125	241.871	94	153	259.497	107
		1450	5.8			57			78			90
		1150	4.6			45			62			71
		960	3.8			38			52			59
D28	280	1740	6.2	91	261.832	63	125	262.026	87	153	281.122	99
		1450	5.2			53			72			83
		1150	4.1			42			57			66
		960	3.4			35			48			55
D32	315	1740	5.5	91	295.156	56	125	295.375	77	153	316.901	88
		1450	4.6			47			64			73
		1150	3.7			37			51			58
		960	3.0			31			43			49
D36	355	1740	4.9	91	338.530	49	125	338.782	67	153	363.470	77
		1450	4.1			41			56			64
		1150	3.2			32			44			51
		960	2.7			27			37			42
D40	400	1740	4.4	91	368.944	45	125	369.219	62	153	396.126	70
		1450	3.6			37			51			59
		1150	2.9			30			41			47
		960	2.4			25			34			39

B416			B417			B418			n <sub>2N</sub> (r/min)	n <sub>1</sub> (r/min)	iN	Code
T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)				
			220	87.132					19.3	1740	90	C90
									16.1	1450		
									12.8	1150		
									10.7	960		
190	96.209	360	220	98.750	406	265	100.588	480	17.4	1740	100	D10
		300			338			400	14.5	1450		
		238			268			317	11.5	1150		
		199			224			265	9.6	960		
190	109.036	317	220	115.641	347	265	114.000	424	15.5	1740	112	D11
		265			289			353	12.9	1450		
		210			229			280	10.3	1150		
		175			191			234	8.6	960		
190	127.687	271	220	130.359	307	265	133.500	362	13.9	1740	125	D13
		226			256			301	11.6	1450		
		179			203			239	9.2	1150		
		150			170			200	7.7	960		
190	143.939	241	220	150.943	266	265	150.491	321	12.4	1740	140	D14
		200			221			267	10.4	1450		
		159			176			212	8.2	1150		
		133			147			177	6.9	960		
190	166.666	208	220	163.259	246	265	174.253	277	10.9	1740	160	D16
		173			205			231	9.1	1450		
		137			162			183	7.2	1150		
		115			135			153	6.0	960		
190	180.265	192	220	185.026	217	265	188.471	256	9.7	1740	180	D18
		160			181			213	8.1	1450		
		127			143			169	6.4	1150		
		106			120			141	5.3	960		
190	204.300	169	220	203.529	197	265	213.600	226	8.7	1740	200	D20
		141			164			188	7.3	1450		
		112			130			149	5.8	1150		
		93			109			125	4.8	960		
190	224.730	154	220	234.841	171	265	234.960	205	7.8	1740	224	D22
		128			142			171	6.5	1450		
		102			113			136	5.1	1150		
		85			94			113	4.3	960		
190	259.304	134	220	254.411	158	265	271.108	178	7.0	1740	250	D25
		111			131			148	5.8	1450		
		88			104			118	4.6	1150		
		74			87			98	3.8	960		
190	280.912	123	220	286.791	140	265	293.700	164	6.2	1740	280	D28
		103			116			137	5.2	1450		
		81			92			109	4.1	1150		
		68			77			91	3.4	960		
190	316.665	109	220	328.936	122	265	331.080	146	5.5	1740	315	D32
		91			102			122	4.6	1450		
		72			81			96	3.7	1150		
		60			67			80	3.0	960		
190	363.200	95	220	358.488	112	265	379.733	127	4.9	1740	355	D36
		79			93			106	4.1	1450		
		63			74			84	3.2	1150		
		53			62			70	2.7	960		
190	395.831	87				265	413.850	117	4.4	1740	400	D40
		73						97	3.6	1450		
		58						77	2.9	1150		
		48						64	2.4	960		

B4 (iN=90-400)

B4 (iN=90-400)

Code	i <sub>N</sub>	n <sub>1</sub> (r/min)	n <sub>2N</sub> (r/min)	B419			B420			B421			B422		
				T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)
C90	90	1740	19.3												
		1450	16.1												
		1150	12.8												
		960	10.7												
D10	100	1740	17.4			623*			718*			867*		1007*	
		1450	14.5	330	96.552	519	380	96.402	598	460	96.644	723	520	94.100	839
		1150	11.5			412			475			573			665
		960	9.6			344			396			478			555
D11	112	1740	15.5			540*			634*			776*		888*	
		1450	12.9	330	111.250	450	380	109.256	528	460	107.981	647	520	106.647	740
		1150	10.3			357			419			513			587
		960	8.6			298			350			428			490
D13	125	1740	13.9			479*			550*			689*		795*	
		1450	11.6	330	125.409	400	380	125.888	458	460	121.724	574	520	119.158	663
		1150	9.2			317			363			455			526
		960	7.7			265			303			380			439
D14	140	1740	12.4			414*			488*			595*		705*	
		1450	10.4	330	145.211	345	380	141.910	407	460	140.944	496	520	134.324	588
		1150	8.2			274			322			393			466
		960	6.9			228			269			328			389
D16	160	1740	10.9			383*			421*			550*		609*	
		1450	9.1	330	157.059	319	380	164.317	351	460	152.444	458	520	155.533	508
		1150	7.2			253			278			363			403
		960	6.0			211			232			303			336
D18	180	1740	9.7			338*			390*			485*		563*	
		1450	8.1	330	178.000	281	380	177.724	325	460	172.770	404	520	168.223	469
		1150	6.4			223			257			321			372
		960	5.3			186			215			268			311
D20	200	1740	8.7			307*			344*			441*		497*	
		1450	7.3	330	195.800	256	380	201.421	286	460	190.047	368	520	190.653	414
		1150	5.8			203			227			291			328
		960	4.8			169			190			243			274
D22	224	1740	7.8			266*			312*			382*		452*	
		1450	6.5	330	225.923	222	380	221.563	260	460	219.285	319	520	209.718	376
		1150	5.1			176			207			253			299
		960	4.3			147			172			211			249
D25	250	1740	7.0			246*			271*			353*		392*	
		1450	5.8	330	244.750	205	380	255.650	226	460	237.558	294	520	241.982	326
		1150	4.6			162			179			233			259
		960	3.8			136			149			195			216
D28	280	1740	6.2			218*			250*			313*		361*	
		1450	5.2	330	275.900	182	380	276.954	208	460	267.793	261	520	262.148	301
		1150	4.1			144			165			207			239
		960	3.4			120			138			173			199
D32	315	1740	5.5			190*			222*			273*		321*	
		1450	4.6	330	316.444	158	380	312.203	185	460	307.146	227	520	295.512	267
		1150	3.7			126			147			180			212
		960	3.0			105			122			151			177
D36	355	1740	4.9			174*			193*			250*		280*	
		1450	4.1	330	344.875	145	380	358.082	161	460	334.741	209	520	338.938	233
		1150	3.2			115			128			165			185
		960	2.7			96			107			138			154
D40	400	1740	4.4						177*			222*		256*	
		1450	3.6				380	390.253	148	460	377.934	185	520	369.390	214
		1150	2.9						117			147			170
		960	2.4						98			122			142

卧式安装齿轮箱  
应采用强制润滑  
\* 敬请垂询

Forced lubrication required  
on horizontal gearbox  
\* On request

B423			B424			B425			B426			n <sub>2N</sub> (r/min)	n <sub>1</sub> (r/min)	i <sub>N</sub>	Code
T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)	T <sub>2N</sub> (kN·m)	i <sub>ex</sub>	P <sub>1N</sub> (kW)				
640	83.212	*				860	87.435	*	1030	87.619	*	19.3	1740	90	C90
		1168			1493			1785			16.1	1450			
		926			1184			1416			12.8	1150			
		773			989			1182			10.7	960			
640	94.307	*				725	94.307	*	1030	102.612	*	17.4	1740	100	D10
		1030			1275			1524			14.5	1450			
		817			1011			1209			11.5	1150			
		682			844			1009			9.6	960			
640	105.370	*				725	106.881	*	1030	110.416	*	15.5	1740	112	D11
		922			1185			1416			12.9	1450			
		731			940			1123			10.3	1150			
		611			785			938			8.6	960			
640	118.781	*				725	119.420	*	1030	124.469	*	13.9	1740	125	D13
		818			1051			1256			11.6	1450			
		649			834			996			9.2	1150			
		542			696			832			7.7	960			
640	137.536	*				725	134.619	*	1030	144.122	*	12.4	1740	140	D14
		707			908			1085			10.4	1450			
		560			720			861			8.2	1150			
		468			601			718			6.9	960			
640	148.758	*				725	155.874	*	1030	155.881	*	10.9	1740	160	D16
		653			839			1003			9.1	1450			
		518			666			796			7.2	1150			
		432			556			664			6.0	960			
640	168.593	*				725	168.593	*	1030	182.554	*	9.7	1740	180	D18
		692			860			1028			8.1	1450			
		576			717			857			6.4	1150			
		457			568			679			5.3	960			
640	185.452	*				725	191.072	*	1030	194.332	*	8.7	1740	200	D20
		629			808			966			7.3	1450			
		524			673			805			5.8	1150			
		416			534			638			4.8	960			
640	213.983	*				725	210.179	*	1030	224.229	*	7.8	1740	224	D22
		545			700			837			6.5	1450			
		454			584			697			5.1	1150			
		360			463			553			4.3	960			
640	231.815	*				725	242.514	*	1030	242.915	*	7.0	1740	250	D25
		503			646			773			5.8	1450			
		419			539			644			4.6	1150			
		332			427			511			3.8	960			
640	261.319	*				725	262.724	*	1030	273.831	*	6.2	1740	280	D28
		446			573			685			5.2	1450			
		372			478			571			4.1	1150			
		295			379			453			3.4	960			
640	299.720	*				725	296.161	*	1030	314.072	*	5.5	1740	315	D32
		389			500			598			4.6	1450			
		324			417			498			3.7	1150			
		257			330			395			3.0	960			
640	326.648	*				725	339.683	*	1030	342.289	*	4.9	1740	355	D36
		357			459			548			4.1	1450			
		297			382			457			3.2	1150			
		236			303			362			2.7	960			
640	370.202	*				725	370.202	*	1030	370.202	*	4.4	1740	400	D40
		357													



Code	iN	H2 (kW)								H2 (kW)								
		H204				H205				H206				H207				
		960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740	
B63	6.3	P <sub>GA</sub>	46	42	41	35	57	46	41	*	74	50	43	*	77	57	*	*
		P <sub>GB</sub>	106	112	132	144	143	146	172	181	158	159	186	185	221	220	256	263
		P <sub>GC</sub>	96	101	117	126	152	157	181	191	165	170	194	193	244	249	286	298
		P <sub>GD</sub>	162	176	210	236	256	276	327	361	278	290	352	367	417	445	525	574
B71	7.1	P <sub>GA</sub>	48	44	44	38	59	50	46	*	64	53	48	*	76	60	*	*
		P <sub>GB</sub>	109	116	137	150	146	151	177	189	161	164	193	194	214	215	252	262
		P <sub>GC</sub>	97	102	118	127	151	157	181	193	164	170	194	197	230	235	270	284
		P <sub>GD</sub>	165	180	214	240	256	276	327	363	278	299	352	371	394	422	499	548
B80	8	P <sub>GA</sub>	46	43	44	39	58	51	48	*	63	54	50	*	76	62	55	*
		P <sub>GB</sub>	104	111	132	145	142	149	175	188	157	162	191	204	208	212	249	262
		P <sub>GC</sub>	92	97	112	122	146	151	175	187	158	163	189	201	218	225	258	274
		P <sub>GD</sub>	155	170	202	228	245	266	316	352	266	288	341	379	376	404	479	529
B90	9	P <sub>GA</sub>	45	43	45	41	58	52	51	43	66	59	58	46	76	66	62	*
		P <sub>GB</sub>	101	109	129	143	139	147	174	189	159	167	198	214	202	210	248	266
		P <sub>GC</sub>	87	93	108	117	139	146	169	182	158	165	190	205	207	215	249	266
		P <sub>GD</sub>	150	164	196	221	234	255	303	340	266	289	344	384	357	386	458	510
C10	10	P <sub>GA</sub>	43	42	44	41	*	52	52	46	66	61	60	52	75	68	66	54
		P <sub>GB</sub>	95.7	103	123	136	131	140	165	181	156	166	196	214	193	204	241	261
		P <sub>GC</sub>	82	86	101	110	128	135	157	169	151	158	184	198	194	204	236	254
		P <sub>GD</sub>	139	153	182	207	217	237	282	318	255	278	331	372	337	367	436	489
C11	11.2	P <sub>GA</sub>	42	41	43	41	54	51	52	47	65	61	61	55	77	71	71	61
		P <sub>GB</sub>	91.7	100	118	132	126	135	160	177	151	161	191	210	196	208	246	269
		P <sub>GC</sub>	78	82	96	104	121	127	148	160	144	152	177	191	193	203	235	254
		P <sub>GD</sub>	132	145	174	197	205	225	268	303	245	268	319	359	336	366	436	490
C13	12.5	P <sub>GA</sub>	41	40	42	41	54	51	53	49	61	59	60	55	77	72	73	65
		P <sub>GB</sub>	87.6	95.8	113	127	123	133	157	174	142	153	181	200	191	204	242	266
		P <sub>GC</sub>	75	80	93	101	119	126	146	159	132	140	163	177	189	199	231	250
		P <sub>GD</sub>	126	139	166	189	201	220	263	297	226	248	295	333	327	357	425	480
C14	14	P <sub>GA</sub>	39	38	40	40	51	49	51	48	59	57	59	55	71	68	69	64
		P <sub>GB</sub>	82.9	90.9	108	120	116	126	150	166	135	147	174	193	175	189	224	247
		P <sub>GC</sub>	70	75	86	94	110	118	137	149	125	133	154	167	169	178	207	225
		P <sub>GD</sub>	118	130	155	177	186	204	243	276	213	234	279	316	294	322	384	434
C16	16	P <sub>GA</sub>	36	35	37	37	48	47	49	47	59	57	59	56	67	65	67	63
		P <sub>GB</sub>	75.7	83.1	98.9	110	108	118	140	155	131	143	169	188	163	177	210	232
		P <sub>GC</sub>	63	67	78	86	101	108	126	137	123	131	153	166	155	165	191	208
		P <sub>GD</sub>	107	118	141	160	171	189	225	256	208	229	273	310	269	295	352	399
C18	18	P <sub>GA</sub>	34	34	36	36	46	46	48	46	56	55	57	55	65	63	66	63
		P <sub>GB</sub>	72.1	79.3	94.4	105	103	113	134	150	124	136	162	180	157	170	202	225
		P <sub>GC</sub>	59	63	74	81	95	102	118	129	114	122	142	154	148	157	183	199
		P <sub>GD</sub>	100	111	132	151	162	179	213	242	194	214	255	290	257	283	338	383
C20	20	P <sub>GA</sub>	33	34	36	36	43	43	45	44	52	52	54	53	61	59	62	60
		P <sub>GB</sub>	70.2	77.4	92.1	103	96.8	106	126	140	115	126	150	168	145	158	188	210
		P <sub>GC</sub>	57	61	72	78	89	94	110	120	105	112	130	142	135	144	167	182
		P <sub>GD</sub>	97.4	107	128	146	150	166	198	225	179	197	235	268	236	260	310	352
C22	22.4	P <sub>GA</sub>					40	40	42	41	50	50	52	51	58	57	60	58
		P <sub>GB</sub>					89.4	98	116	130	111	121	144	161	139	152	181	202
		P <sub>GC</sub>					81	86	100	109	99	106	124	135	129	138	160	174
		P <sub>GD</sub>					137	151	181	205	169	187	223	253	224	247	295	335

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H208				H209				H210				H211				H212				iN	Code	
960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740			
86	61	*	*	99	*	*	*	100	*	*	*	114	*	*	*	121	*	*	*	P <sub>GA</sub>	6.3	B63
250	245	283	275	293	279	322	319	304	286	328	324	450	382	428	366	510	412	456	414	P <sub>GB</sub>		
280	282	324	328	380	380	434	446	422	420	477	486	557	532	597	586	762	714	797	715	P <sub>GC</sub>		
474	504	594	637	626	658	774	832	689	718	844	896	951	966	1124	1154	1243	1243	1443	1365	P <sub>GD</sub>		
85	63	*	*	99	*	*	*	101	*	*	*	123	*	*	*	131	*	*	*	P <sub>GA</sub>	7.1	B71
242	239	279	281	286	278	323	325	297	285	329	328	454	400	453	408	515	432	483	431	P <sub>GB</sub>		
263	267	307	318	358	361	413	429	397	398	454	470	542	525	592	590	741	705	790	738	P <sub>GC</sub>		
448	478	565	616	589	624	735	797	648	681	802	866	931	956	1117	1163	1217	1231	1434	1405	P <sub>GD</sub>		
84	66	*	*	100	75	*	*	102	*	*	*	129	*	*	*	137	*	*	*	P <sub>GA</sub>	8	B80
235	236	276	287	279	276	322	330	290	283	328	332	449	410	469	441	509	443	501	444	P <sub>GB</sub>		
250	255	294	309	340	346	397	415	378	382	436	454	517	508	576	582	707	682	769	763	P <sub>GC</sub>		
428	458	542	595	562	599	707	772	618	654	772	837	895	929	1088	1149	1170	1197	1397	1449	P <sub>GD</sub>		
85	72	66	*	102	83	73	*	105	83	*	*	136	*	*	*	155	*	*	*	P <sub>GA</sub>	9	B90
228	234	275	293	272	277	324	341	283	285	333	347	437	419	484	481	520	482	553	530	P <sub>GB</sub>		
235	244	282	299	322	332	382	404	354	362	417	438	479	481	549	566	689	682	774	788	P <sub>GC</sub>		
405	437	518	574	536	576	682	753	582	622	736	809	833	878	1033	1113	1149	1197	1405	1494	P <sub>GD</sub>		
85	75	72	55	101	87	82	*	106	88	81	*	139	103	*	*	164	*	*	*	P <sub>GA</sub>	10	C10
222	232	273	294	262	272	320	342	278	285	335	355	424	420	489	501	516	498	577	577	P <sub>GB</sub>		
224	234	270	289	302	314	362	386	338	349	402	427	451	458	526	550	657	660	754	780	P <sub>GC</sub>		
386	419	498	555	505	546	648	720	556	599	710	787	786	836	987	1077	1106	1167	1375	1485	P <sub>GD</sub>		
84	76	75	62	99	88	85	67	105	92	88	*	147	117	101	*	166	122	*	*	P <sub>GA</sub>	11.2	C11
214	226	267	290	249	262	309	333	270	281	331	355	430	435	509	533	495	491	572	587	P <sub>GB</sub>		
211	222	257	276	282	295	342	366	318	331	383	410	448	460	530	558	605	615	706	738	P <sub>GC</sub>		
367	400	475	533	473	514	610	682	528	572	679	756	784	841	995	1095	1020	1086	1283	1401	P <sub>GD</sub>		
81	75	75	65	99	89	88	74	104	93	90	74	151	127	115	*	165	131	*	*	P <sub>GA</sub>	12.5	C13
205	218	258	282	244	258	305	332	259	273	322	348	425	436	512	543	475	480	562	587	P <sub>GB</sub>		
200	210	244	263	274	286	332	358	300	314	363	390	439	454	524	556	568	582	670	706	P <sub>GC</sub>		
346	378	450	506	455	496																	

H2 (kW)

H2 (kW)

Code	iN		H213				H214				H215			
			960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740
B32	3.15	PGA					*	*	*	*				
		PGB					687	*	*	*				
		PGC					1516	1420	1571	1577				
		PGD					1990	1992	2275	2376				
B36	3.55	PGA					*	*	*	*				
		PGB					606	*	*	*				
		PGC					1469	1421	1529	1520				
		PGD					1933	1981	2206	2292				
B40	4	PGA					*	*	*	*				
		PGB					608	*	*	*				
		PGC					1400	1384	1458	1541				
		PGD					1861	1939	2106	2320				
B45	4.5	PGA					*	*	*	*				
		PGB					698	*	*	*				
		PGC					1336	1339	1464	1430				
		PGD					1778	1873	2113	2156				
B50	5	PGA					*	*	*	*				
		PGB					678	*	*	*				
		PGC					1255	1273	1350	1352				
		PGD					1681	1784	1951	2038				
B56	5.6	PGA					*	*	*	*				
		PGB					691	*	*	*				
		PGC					1244	1274	1268	1208				
		PGD					1670	1787	1831	1823				
B63	6.3	PGA	*	*	*	*	*	*	*	*	*	*	*	*
		PGB	579	415	442	*	632	486	523	376	563	*	*	*
		PGC	961	806	958	882	1031	960	928	942	1147	954	1014	822
		PGD	1553	1515	1793	1678	1690	1695	1736	1825	1782	1628	1824	1562
B71	7.1	PGA	*	*	*	*	*	*	*	*	*	*	*	*
		PGB	558	452	493	357	650	520	551	386	591	344	338	*
		PGC	930	860	954	902	1021	952	1002	1008	1114	957	1031	882
		PGD	1510	1497	1728	1710	1678	1682	1827	1906	1746	1636	1851	1666
B80	8	PGA	*	*	*	*	*	*	*	*	*	*	*	*
		PGB	591	484	537	436	656	526	580	453	613	407	422	*
		PGC	888	838	937	907	1010	946	1055	1013	1078	957	1045	935
		PGD	1455	1465	1700	1722	1658	1660	1923	1931	1696	1629	1860	1749
B90	9	PGA	166	*	*	*	180	*	*	*	*	*	*	*
		PGB	594	529	600	547	672	589	666	595	635	495	541	402
		PGC	844	821	927	928	979	947	1068	1062	3434	959	1066	1012
		PGD	1395	1436	1679	1755	1611	1651	1927	2003	1644	1635	1889	1877
C10	10	PGA	178	*	*	*	199	*	*	*	170	*	*	*
		PGB	587	549	631	611	673	624	715	683	640	545	612	526
		PGC	799	793	902	922	934	922	1047	1065	979	938	1053	1035
		PGD	1326	1386	1628	1736	1551	1616	1896	2013	1571	1598	1861	1913
C11	11.2	PGA	192	*	*	*	210	*	*	*	185	*	*	*
		PGB	601	582	674	675	665	638	738	733	632	569	648	600
		PGC	789	794	908	940	890	893	1019	1051	918	898	1015	1021
		PGD	1319	1393	1642	1775	1482	1561	1838	1980	1485	1535	1796	1886
C13	12.5	PGA	192	142	*	*	214	*	*	*	200	*	*	*
		PGB	572	567	660	677	648	638	742	756	637	596	685	662
		PGC	725	737	845	884	837	849	972	1014	902	894	1018	1038
		PGD	1212	1289	1523	1662	1401	1487	1755	1910	1459	1524	1790	1908
C14	14	PGA	191	152	*	*	226	176	*	*	204	*	*	*
		PGB	547	553	647	676	659	663	774	805	614	593	686	686
		PGC	672	690	793	836	830	850	976	1027	839	844	964	997
		PGD	1131	1211	1434	1578	1392	1489	1761	1933	1365	1440	1697	1832
C16	16	PGA	180	150	136	*	224	184	164	*	214	157	*	*
		PGB	501	514	603	639	626	640	751	792	617	610	710	727
		PGC	595	615	710	753	758	782	900	954	822	834	957	999
		PGD	1007	1085	1286	1424	1276	1372	1626	1797	1341	1426	1684	1836
C18	18	PGA	186	162	154	*	220	190	178	*	211	167	145	*
		PGB	506	528	621	667	598	621	731	782	583	590	690	722
		PGC	598	622	719	768	705	732	846	902	758	778	895	944
		PGD	1009	1093	1297	1446	1186	1286	1526	1698	1244	1333	1578	1736
C20	20	PGA					203	179	172	133				
		PGB					543	569	670	722				
		PGC					624	651	753	806				
		PGD					1056	1145	1360	1519				

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Code	iN		H216				H217				H218																
			960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740													
B32	3.15	PGA													PGA												
		PGB													PGB												
		PGC													PGC												
		PGD													PGD												
B36	3.55	PGA												*	*	*	*	PGA									
		PGB													947	*	*	*	PGB								
		PGC													1738	1281	1436	1189	PGC								
		PGD													2172	1754	2068	1808	PGD								
B40	4	PGA													*	*	*	*	PGA								
		PGB													744	*	*	*	PGB								
		PGC													1688	1289	1465	1282	PGC								
		PGD													2126	1765	2101	1933	PGD								
B45	4.5	PGA													*	*	*	*	PGA								
		PGB													736	*	*	*	PGB								
		PGC													1639	1316	1525	1426	PGC								
		PGD													2083	1796	2167	2123	PGD								
B50	5	PGA													*	*	*	*	PGA								
		PGB													702	*	*	*	PGB								
		PGC													1564	1297	1521	1480	PGC								
		PGD													2009	1776	2160	2199	PGD								
B56	5.6	PGA													*	*	*	*	PGA								
		PGB													703	*	*	*	PGB								
		PGC													1484	1260	1489	1485	PGC								
		PGD													1913	1720	2104	2193	PGD								
B63	6.3	PGA	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA								
		PGB	579	415	442	*	632	486	523	376	563	*	*	*	625	*	*	*	PGB								
		PGC	961	806	958	882	1031	960	928	942	1147	954	1014	822	1178	949	1000	803	1389	1088	1128	816	1381	1062	1106	642	PGC
		PGD	1553	1515	1793	1678	1690	1695	1736	1825	1782	1628	1824	1562	1846	1642	1774	1559	2240	1954	2151	1661	2248	1940	1823	1568	PGD
B71	7.1	PGA	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA							
		PGB	558	452	493	357	650	520	551	386	591	344	338	*	589	*	*	*	683	*	*	*	659	*	*	*	PGB
		PGC	930	860	954	902	1021	952	1002	1008	1114	957	1031	882	1158	976	1044	865	1351	1104	1166	918	1390	1106	1154	864	PGC
		PGD	1510	1497	1728	1710	1678	1682	1827	1906	1746	1636	1851	1666	1810	1670	1880	1644	2186	1971	2199	1832	2260	1997	2009	1759	PGD
B80	8	PGA	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA							
		PGB	591	484	537	436	656	526	580	453	613	407	422	*	620	386	390	*	733	*	*	*	719	*	*	*	PGB
		PGC	888	838	937	907	1010	946	1055	1013	1078	957	1045	935	1126	982	1066	932	1319	1122	1206	1015	1354	1127	1200	975	PGC
		PGD	1455	1465	1700	1722	1658	1660	1923	1931	1696	1629	1860	1749	1772	1681	1910	1757	2154	2003	2261	2006	2203	2015	2260	1941	PGD
B90	9	PGA	166	*	*	*	180	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA						
		PGB	594	529	600	547	672	589	666	595	635	495	541	402	655	490	530	363	786	552	584	*	789	523	542	*	PGB
		PGC	844	821	927	928	979	947	1068	1062	3434	959	1066	1012	1093	1002	1109	1037	1289	1160	1274	1164	1330	1178	1286	1150	PGC
		PGD	1395	1436	1679	1755	1611	1651	1927	2003	1644	1635	1889	1877	1736	1710	1970	1930	2120	2059	2360	2262	2191	2103			

Code	i <sub>N</sub>		H2 (kW)				H2 (kW)				H2 (kW)				H2 (kW)					i <sub>N</sub>	Code			
			H219				H220				H221				H222									
			960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740						
B80	8	PGA	*	*	*	*					*	*	*	*							PGA	8	B80	
B90	9	PGA	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	9	B90
C10	10	PGA	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	10	C10
C11	11.2	PGA	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	11.2	C11
C13	12.5	PGA	301	*	*	*	289	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	12.5	C13
C14	14	PGA	328	*	*	*	333	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	14	C14
C16	16	PGA	341	*	*	*	354	*	*	*	336	*	*	*	*	*	*	*	*	*	*	PGA	16	C16
C18	18	PGA	362	*	*	*	368	*	*	*	367	*	*	*	352	*	*	*	*	*	*	PGA	18	C18
C20	20	PGA					378	*	*	*					372	*	*	*				PGA	20	C20

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\* On request

H223				H224				H225				H226					i <sub>N</sub>	Code			
960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740						
*	*	*	*																		PGA
*	*	*	*	*	*	*	*											PGA	9	B90	
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	10	C10
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	11.2	C11
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	12.5	C13
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	14	C14
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	16	C16
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	18	C18
								*	*	*	*								PGA	20	C20

\* 敬请垂询

\* On request

Code	iN	H3 (kW)								H3 (kW)								iN	Code	
		H305				H306				H307				H308						
		960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740			
C16	16	P <sub>TA</sub>	58.3	57.2	59.4	58.4	68.5	65.6	68.7	67.5	70.8	68.3	70.7	68.1	75.6	71.8	73.8	69.9	16	C16
		P <sub>TB</sub>	85.3	90.4	105	114	99.3	105	123	136	102	110	130	139	112	121	137	151		
		P <sub>TC</sub>	103	117	130	144	122	135	156	166	142	147	170	185	149	158	186	197		
		P <sub>TD</sub>	157	170	199	224	181	194	236	255	205	221	261	292	212	227	268	301		
C18	18	P <sub>TA</sub>	56.1	55.3	57.6	57	65.8	63.6	66.7	65.8	71.4	69.4	72	69.9	76.2	72.9	75.2	71.9	18	C18
		P <sub>TB</sub>	82.1	87.4	102	111	95.5	101	118	131	104	112	132	141	113	122	138	152		
		P <sub>TC</sub>	98	110	122	136	116	127	146	156	140	146	169	184	146	156	184	195		
		P <sub>TD</sub>	149	161	190	213	171	185	223	243	204	221	261	292	211	227	268	301		
C20	20	P <sub>TA</sub>	53.9	53.4	55.9	55.6	63.3	61.6	64.7	64.3	72.1	70.4	73.4	71.8	76.7	74	76.7	74	20	C20
		P <sub>TB</sub>	79.1	84.6	98.7	107	91.8	98	114	127	106	114	134	144	114	123	140	154		
		P <sub>TC</sub>	93	102	116	128	110	120	138	148	138	146	168	183	145	154	181	194		
		P <sub>TD</sub>	140	153	180	202	162	176	211	232	203	221	261	292	210	227	268	301		
C22	22.4	P <sub>TA</sub>	51.9	51.6	54.2	54.2	60.8	59.6	62.8	62.7	72.8	71.5	74.7	73.7	77.3	75.1	78.2	76.1	22.4	C22
		P <sub>TB</sub>	76.2	81.8	95.5	104	88.3	94.6	111	122	108	116	136	147	115	124	142	156		
		P <sub>TC</sub>	89	96	110	121	103	113	130	140	137	145	167	182	143	153	178	192		
		P <sub>TD</sub>	132	145	171	192	153	167	200	221	202	221	261	292	209	227	268	301		
C25	25	P <sub>TA</sub>	49.9	49.8	52.5	52.9	58.5	57.8	61	61.2	73.5	72.6	76.1	75.6	77.9	76.3	79.7	78.3	25	C25
		P <sub>TB</sub>	73.4	79.1	92.4	101	85	91.4	107	117	110	118	138	150	116	125	144	158		
		P <sub>TC</sub>	84	90	104	114	98	106	122	132	135	144	166	182	142	151	176	190		
		P <sub>TD</sub>	125	138	163	183	145	159	190	210	201	221	261	292	208	227	268	301		
C28	28	P <sub>TA</sub>	48	48.1	50.9	51.6	56.2	56	59.2	59.7	74.2	73.7	77.5	77.6	78.5	77.4	81.2	80.6	28	C28
		P <sub>TB</sub>	70.7	76.5	89.4	97.9	81.7	88.3	103	113	112	120	140	153	117	126	146	160		
		P <sub>TC</sub>	80	85	98	108	*	*	*	*	134	143	166	181	140	150	174	189		
		P <sub>TD</sub>	118	131	155	174	*	*	*	*	200	221	261	292	207	227	268	301		
C32	31.5	P <sub>TA</sub>	46.7	47.1	49.9	50.9	54	54.2	57.4	58.3	71.4	71.3	75.3	76	79.1	78.6	82.8	82.9	31.5	C32
		P <sub>TB</sub>	68.5	74.4	86.9	95.5	78.6	85.3	99.6	109	107	115	135	147	118	127	148	162		
		P <sub>TC</sub>	76	82	94	104	*	*	*	*	*	*	*	*	*	*	*	*		
		P <sub>TD</sub>	114	126	149	168	*	*	*	*	*	*	*	*	*	*	*	*		
C36	35.5	P <sub>TA</sub>	45.2	45.7	48.6	49.8	51.9	52.5	55.7	56.9	69.4	69.7	73.9	75.1	79.7	79.8	84.4	85.3	35.5	C36
		P <sub>TB</sub>	66.2	72.2	84.3	92.9	75.6	82.4	96.2	105	104	113	132	145	119	128	150	164		
		P <sub>TC</sub>	73	79	90	99	82	88	102	112	121	130	150	165	137	146	169	186		
		P <sub>TD</sub>	109	121	143	161	123	137	161	182	183	202	239	268	205	227	268	301		
C40	40	P <sub>TA</sub>	42.7	43.3	46.1	47.3	50.4	51.1	54.3	55.7	66	66.5	70.6	72	76.6	76.9	81.4	82.7	40	C40
		P <sub>TB</sub>	62.3	68.1	79.5	87.7	73.3	80	93.4	102	98.9	107	125	138	113	123	144	158		
		P <sub>TC</sub>	68	73	84	93	*	*	*	*	*	*	*	*	*	*	*	*		
		P <sub>TD</sub>	101	112	133	149	*	*	*	*	*	*	*	*	*	*	*	*		
C45	45	P <sub>TA</sub>	40.8	41.5	44.2	45.5	48.7	49.4	52.5	53.9	63.6	64.2	68.2	69.7	74.3	74.7	79.2	80.6	45	C45
		P <sub>TB</sub>	59.6	65.2	76.1	84	70.7	77.3	90.2	99.5	95	103	120	132	110	120	140	154		
		P <sub>TC</sub>	64	69	80	87	76	81	94	103	107	115	134	146	124	133	154	169		
		P <sub>TD</sub>	96	106	126	141	113	125	148	166	162	180	212	239	186	206	243	273		
C50	50	P <sub>TA</sub>	39.6	40.4	43.2	44.7	46.1	47	50.1	51.9	60.1	61.2	65.2	67.3	70.9	71.9	76.6	78.7	50	C50
		P <sub>TB</sub>	57.5	63.2	73.8	81.7	66.7	73.2	85.5	94.6	89.6	98.2	114	126	104	114	133	147		
		P <sub>TC</sub>	62	67	77	85	*	*	*	*	*	*	*	*	*	*	*	*		
		P <sub>TD</sub>	92.8	103	122	137	*	*	*	*	*	*	*	*	*	*	*	*		
C56	56	P <sub>TA</sub>	37.6	38.5	41.2	42.9	44.3	45.3	48.5	50.4	57.5	58.7	62.7	65	68.4	69.7	74.4	77	56	C56
		P <sub>TB</sub>	54.5	60.1	70.1	77.7	63.9	70.4	82.2	91.1	85.2	93.7	109	121	100	110	129	143		
		P <sub>TC</sub>	58	63	72	80	*	*	*	*	*	*	*	*	*	*	*	*		
		P <sub>TD</sub>	86.7	96.9	114	129	99.7	111	131	148	143	160	188	212	166	185	218	246		
C63	63	P <sub>TA</sub>	35.5	36.4	39.1	40.8	42.7	43.9	47	49	53.7	55.1	59	61.5	64.7	66.4	71	73.9	63	C63
		P <sub>TB</sub>	51.2	56.6	66.1	73.4	61.4	67.9	79.2	88	79.4	87.6	102	113	95.1	105	122	135		
		P <sub>TC</sub>	54	58	67	74	*	*	*	*	*	*	*	*	*	*	*	*		
		P <sub>TD</sub>	80.6	90.2	106	120	*	*	*	*	*	*	*	*	*	*	*	*		
C71	71	P <sub>TA</sub>	35.1	36.1	38.7	40.4	40.5	41.6	44.6	46.6	52.1	53.5	57.3	59.8	61.6	63.2	67.7	70.5	71	C71
		P <sub>TB</sub>	50.6	56	65.3	72.6	58.1	64.3	75	83.3	76.7	84.8	98.9	109	90.4	99.8	116	129		
		P <sub>TC</sub>	53	58	66	73	*	*	*	*	*	*	*	*	*	*	*	*		
		P <sub>TD</sub>	79.7	89.2	105	118	*	*	*	*	*	*	*	*	*	*	*	*		
C80	80	P <sub>TA</sub>	33.3	34.3	36.8	38.4	38.2	39.2	42.1	44	50.9	52.3	56	58.5	57.6	59.1	63.3	66	80	C80
		P <sub>TB</sub>	47.9	53	61.9	68.8	54.5	60.3	70.3	78.2	74.9	82.8	96.6	107	84.1	92.9	108	120		
		P <sub>TC</sub>	49	54	62	68	*	*	*	*	*	*	*	*	*	*	*	*		
		P <sub>TD</sub>	74.2	83	97.9	110	*	*	*	*	*	*	*	*	*	*	*	*		
C90	90	P <sub>TA</sub>	32.9	33.9	36.3	38	37.8	38.9	41.8	43.6	48.1	49.5	53.1	55.4	55.7	57.2	61.4	64	90	C90
		P <sub>TB</sub>	47.3	52.4	61.1	67.9	54.1	59.8	69.8	77.6	70.7	78.3	94.3	101	81.1	89.7	104	116		
		P <sub>TC</sub>	48	52	60	66	*	*	*	*	*	*	*	*	*	*	*	*		
		P <sub>TD</sub>	72.3	81	95.5	107	*	*	*	*	*	*	*	*	*	*	*	*		
D10	100	P <sub>TA</sub>																	100	D10
		P <sub>TB</sub>																		
		P <sub>TC</sub>																		
		P <sub>TD</sub>																		

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Code	iN	H309								H310				H311				H312				iN	Code
		960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740						
		C16	16	P <sub>TA</sub>	58.3	57.2	59.4	58.4	68.5	65.6	68.7	67.5	70.8	68.3	70.7	68.1	75.6	71.8	73.8	69.9	16		
P <sub>TB</sub>	85.3			90.4	105	114	99.3	105	123	136	102	110	130	139	112	121	137	151					
P <sub>TC</sub>	103			117	130	144	122	135	156	166	142	147	170	185	149	158	186	197					
P <sub>TD</sub>	157			170	199	224	181	194	236	255	205	221	261	292	212	227	268	301					
C18	18	P <sub>TA</sub>	56.1	55.3	57.6	57	65.8	63.6	66.7	65.8	71.4	69.4	72	69.9	76.2	72.9	75.2	71.9	18	C18			
		P <sub>TB</sub>	82.1	87.4	102	111	95.5	101	118	131	104	112	132	141	113	122	138	152					
		P <sub>TC</sub>	98	110	122	136	116	127	146	156	140	146	169	184	146	156	184	195					
		P <sub>TD</sub>	149	161	190	213	171	185	223	243	204	221	261	292	211	227	268	301					
C20	20	P <sub>TA</sub>	53.9	53.4	55.9	55.6	63.3	61.6	64.7	64.3	72.1	70.4	73.4	71.8	76.7	74	76.7	74	20				

Code	iN	H3 (kW)				H3 (kW)								iN	Code		
		H313				H314				H315							
		960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740				
C14	14	PGA															
		PGB															
		PGC															
		PGD															
C16	16	PGA	218	185	188	120	235	212	183	*	264	201	185	*			
		PGB	337	352	385	350	374	339	396	371	465	421	470	420			
		PGC	500	539	595	629	570	588	680	721	801	846	945	962			
		PGD	724	806	903	975	835	874	996	1082	1163	1174	1368	1402			
C18	18	PGA	210	185	181	128	230	209	185	*	263	205	187	*			
		PGB	324	336	370	354	366	337	394	374	452	411	467	427			
		PGC	480	506	572	602	556	569	659	702	770	810	908	957			
		PGD	696	743	868	926	803	843	971	1058	1128	1158	1325	1393			
C20	20	PGA	198	173	171	137	228	206	186	137	260	208	192	*			
		PGB	306	310	349	360	358	335	391	376	443	403	452	438			
		PGC	453	486	540	581	531	554	633	674	748	774	880	914			
		PGD	657	721	819	903	775	812	945	1024	1096	1103	1293	1362			
C22	22.4	PGA	196	173	169	141	224	204	188	146	258	209	193	*			
		PGB	303	295	346	352	346	328	385	380	432	393	463	446			
		PGC	449	464	534	570	506	532	612	654	722	730	840	882			
		PGD	650	681	811	881	741	779	908	998	1043	1059	1267	1350			
C25	25	PGA	191	170	137	140	219	203	190	155	253	207	192	*			
		PGB	294	288	338	345	337	326	382	387	420	385	456	439			
		PGC	426	442	509	543	485	506	586	627	680	690	794	834			
		PGD	617	647	771	839	709	748	884	962	986	1004	1201	1282			
C28	28	PGA	186	170	169	148	214	193	191	165	254	216	206	*			
		PGB	286	285	334	346	327	324	380	392	417	394	463	460			
		PGC	400	417	480	515	469	487	561	601	656	671	773	818			
		PGD	583	617	734	803	680	718	854	932	957	987	1179	1269			
C32	31.5	PGA	184	171	173	157	211	194	196	176	252	222	217	179			
		PGB	279	283	332	348	319	322	377	394	411	399	468	475			
		PGC	384	402	464	500	445	465	536	577	626	646	744	794			
		PGD	560	598	710	781	647	690	819	900	917	959	1143	1240			
C36	35.5	PGA	180	171	175	164	206	194	198	184	244	222	222	194			
		PGB	271	280	328	348	311	320	374	369	395	393	461	477			
		PGC	365	385	444	481	418	440	507	549	580	604	696	746			
		PGD	534	576	683	755	612	658	781	862	854	905	1075	1176			
C40	40	PGA	174	167	172	164	201	192	197	186	237	219	221	199			
		PGB	261	272	318	339	302	313	366	390	380	383	449	469			
		PGC	345	364	420	456	399	422	486	527	546	571	658	710			
		PGD	506	547	649	719	586	633	750	831	809	862	1024	1124			
C45	45	PGA	167	161	166	159	194	186	192	183	237	220	223	203			
		PGB	250	261	306	327	291	303	355	379	378	384	450	472			
		PGC	324	343	396	430	380	402	463	502	535	561	647	698			
		PGD	475	516	611	678	557	603	714	792	793	847	1006	1107			
C50	50	PGA	166	164	171	170	190	187	195	193	241	232	240	231			
		PGB	245	262	306	332	283	301	352	381	378	395	462	495			
		PGC	315	337	388	424	358	382	441	481	530	561	647	703			
		PGD	465	510	603	673	529	580	686	766	785	852	1009	1120			
C56	56	PGA	161	161	170	171	183	183	192	194	232	228	239	236			
		PGB	238	257	300	329	271	292	341	373	361	384	449	487			
		PGC	298	320	369	404	337	361	417	456	494	526	607	663			
		PGD	441	486	574	644	499	550	650	728	735	805	952	1063			
C63	63	PGA	154	156	166	170	180	182	194	198	222	222	235	238			
		PGB	226	247	288	317	265	289	338	372	343	371	434	475			
		PGC	278	299	346	379	328	353	408	448	456	489	565	619			
		PGD	411	456	538	606	486	540	637	716	681	753	889	998			
C71	71	PGA	150	152	162	166	174	177	188	193	216	217	230	234			
		PGB	219	239	279	308	255	279	325	359	333	361	422	463			
		PGC	265	286	330	362	311	335	387	426	438	471	544	597			
		PGD	393	436	515	580	461	512	605	681	655	725	857	962			
C80	80	PGA	145	148	158	162	165	167	178	183	208	210	223	228			
		PGB	213	233	272	300	241	264	308	340	320	348	406	447			
		PGC	255	275	318	350	289	311	359	395	414	445	514	564			
		PGD	378	420	496	559	429	478	564	635	620	688	812	912			
C90	90	PGA	136	138	148	152	160	163	173	179	196	199	211	217			
		PGB	199	218	255	282	233	256	298	330	301	328	383	422			
		PGC	234	253	292	331	276	298	344	378	383	412	476	523			
		PGD	348	388	458	516	409	455	537	605	573	637	752	846			
D10	100	PGA	128	131	140	143	156	160	171	178	188	190	202	208			
		PGB	193	210	248	276	227	251	293	325	290	318	374	401			
		PGC	212	246	286	304	266	287	332	366	368	380	436	482			
		PGD	327	367	436	462	394	441	520	587	543	600	702	806			
D11	112	PGA									176	188	191	197			
		PGB									281	309	360	390			
		PGC										348	352	402	439		
		PGD										512	561	653	749		

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H316				H317				H318				iN	Code		
960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740				
				278	220	*	*								
				463	407	479	435								
				874	883	949	986								
				1223	1231	1402	1423								
				271	201	176	*	276	218	*	*	271	170	*	*
				462	376	439	389	459	396	471	433	486	348	419	308
				821	827	929	999	838	840	907	958	797	850	902	930
				1221	1163	1392	1457	1174	1185	1362	1372	1179	1165	1354	1360
				270	204	178	*	273	215	*	*	274	179	*	*
				459	381	443	401	456	390	460	426	481	354	426	335
				793	791	902	972	797	802	886	930	776	819	880	909
				1189	1140	1365	1426	1123	1136	1306	1310	1136	1126	1314	1331
				269	208	181	*	271	207	*	*	275	188	*	*
				456	385	455	412	450	387	458	420	470	362	432	362
				767	778	877	942	757	762	855	887	766	786	860	890
				1148	1119	1325	1402	1058	1063	1250	1263	1106	1085	1296	1315
				268	210	183	*	270	206	180	*	280	197	*	*
				451	390	461	429	440	382	450	416	460	377	440	390
				746	756	864	914	722	721	828	861	748	752	847	870
				1096	1098	1296	1385	1029	1023	1228	1290	1077	1040	1257	1296
				265	212	193	*	263	203	180	*	276	207	*	*
				443	399	470	448	427	375	442	411	451	386	455	414
				730	737	847	888	681	682	783	816	725	720	828	858
				1055	1066	1277	1356	972	970	1164	1226	1033	1021	1227	1285
				264	221	207	*	265	215	198	*	274	217	196	*

H3 (kW)

H3 (kW)

Code	i <sub>N</sub>		H319				H320				H321				H322			
			960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740
C16	16	PGA	341	*	*	*												
C18	18	PGA	362	*	*	*	368	*	*	*	367	*	*	*				
C20	20	PGA	361	264	*	*	378	*	*	*	373	*	*	*	372	*	*	*
C22	22.4	PGA	325	232	*	*	369	267	*	*	350	*	*	*	362	*	*	*
C25	25	PGA	323	234	*	*	333	235	*	*	363	*	*	*	343	*	*	*
C28	28	PGA	326	252	222	*	338	255	*	*	380	*	*	*	370	*	*	*
C32	31.5	PGA	327	267	246	*	341	274	249	*	394	276	*	*	389	*	*	*
C36	35.5	PGA	325	279	268	208	342	290	276	*	404	311	273	*	404	292	*	*
C40	40	PGA	317	279	272	223	336	293	283	227	401	322	293	*	407	310	269	*
C45	45	PGA	316	281	276	231	326	287	280	230	393	321	297	*	402	313	278	*
C50	50	PGA	320	300	304	280	332	309	313	285	410	365	360	303	410	356	344	274
C56	56	PGA	311	300	310	298	332	319	329	315	401	374	379	347	421	386	387	343
C63	63	PGA	295	293	307	307	324	320	336	334	393	382	397	386	413	398	411	394
C71	71	PGA	292	290	306	307	303	301	316	317	373	365	381	374	397	385	400	387
C80	80	PGA	277	277	292	295	299	299	315	317					377	368	384	376
C90	90	PGA					283	284	300	304								

\* 敬请垂询

\* On request

H323				H324				H325				H326				i <sub>N</sub>	Code	
960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740			
																PGA	16	C16
*	*	*	*					*	*	*	*	*	*	*	*	PGA	18	C18
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	20	C20
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	22.4	C22
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	25	C25
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	28	C28
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	31.5	C32
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	35.5	C36
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	40	C40
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	45	C45
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	50	C50
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	56	C56
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	63	C63
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	71	C71
								*	*	*	*	*	*	*	*	PGA	80	C80
																PGA	90	C90

\* 敬请垂询

\* On request

H4 (kW)

H4 (kW)

Code	iN		H407				H408				H409			
			960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740
C71	71	PGA	48.7	49.5	53.2	56.7	56.9	76.1	82.4	84.2	70.7	72.5	75	77.3
C80	80	PGA	47.1	48.7	51.1	54.8	55.2	56.9	78.6	82.4	67.6	70.7	72.5	75
C90	90	PGA	45.4	47.1	49.5	53.2	52.5	55.2	76.1	78.6	65.1	67.6	70.7	72.5
D10	100	PGA	43.6	45.4	48.7	51.1	50.5	52.5	56.9	76.1	60.8	65.1	67.6	70.7
D11	112	PGA	42	43.9	47.1	49.5	49	50.5	55.2	56.9	58.2	60.6	65.1	68.2
D13	125	PGA	40.8	42.7	45.8	48.1	46.8	49	52.5	55.2	56.4	58.8	63.1	66.3
D14	140	PGA	38.7	40.6	43.5	45.9	44.9	47.1	50.5	53.2	54.6	57.1	61.3	64.5
D16	160	PGA	37.2	39.1	41.9	44.2	43.6	45.7	49.1	51.7	51.6	54.1	58	61.1
D18	180	PGA	35.8	37.7	40.4	42.7	41.4	43.6	46.7	49.4	49.4	52	55.8	58.9
D20	200	PGA	34.4	36.3	38.9	41.2	39.9	42	45.1	47.7	47.8	50.3	54	57.1
D22	224	PGA	32.4	34.2	36.7	38.9	38.2	40.3	43.2	45.7	45.9	48.4	52	55
D25	250	PGA	31	32.7	35.1	37.1	37	39	41.9	44.3	43.8	46.2	49.6	52.5
D28	280	PGA	30.1	31.7	34	36	34.7	36.6	39.3	41.6	42.5	44.9	48.2	51
D32	315	PGA	29.4	31.1	33.3	35.3	33.3	35.1	37.6	39.8	40.5	42.8	45.9	48.6
D36	355	PGA									39.8	42	45.1	47.7
D40	400	PGA									37.9	40	43	45.5

H410				H411				H412					iN	Code
960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740			
73.5	76.4	81.5	83.9	95.5	99.1	105.1	113.1	110	115	127	135	PGA	71	C71
71.7	73.5	78.7	81.5	92.4	99.1	102	108.7	110	115	122	131	PGA	80	C80
68.3	71.7	76.4	78.7	92.4	95.5	103	105.1	106	110	119	127	PGA	90	C90
65.6	68.3	73.5	76.4	90.1	92.4	99.1	102	103	110	115	122	PGA	100	D10
63.7	65.6	71.7	73.5	89.4	92.4	99.1	103	102	106	115	119	PGA	112	D11
61.1	63.7	68.3	71.7	85.8	89	95.5	99.8	99.7	103	110	115	PGA	125	D13
58.5	61.1	65.6	69	83	86.5	92.8	97.3	98.9	102	110	115	PGA	140	D14
56.7	59.4	63.7	67.1	79	82.5	88.5	93	95.3	99.4	106	111	PGA	160	D16
54.9	57.7	61.9	65.3	76.2	80	85.8	90.4	91.8	96.2	103	108	PGA	180	D18
51.8	54.5	58.5	61.9	72	75.7	81.3	85.8	87.6	92.1	98.9	104	PGA	200	D20
49.6	52.4	56.2	59.5	69	72.8	78.1	82.7	84.4	89	95.5	101	PGA	224	D22
48.2	50.8	54.5	57.7	65.6	69.2	74.2	78.5	79.7	84	90.2	95.4	PGA	250	D25
46.2	48.7	52.3	55.3	63.1	66.6	71.4	75.6	76.7	80.9	86.8	91.8	PGA	280	D28
44.1	46.5	49.9	52.8	61.6	64.9	69.7	73.7	72.7	76.7	82.2	87	PGA	315	D32
42.8	45.2	48.5	51.3	58.6	61.8	66.3	70.1	69.9	73.8	79.2	83.8	PGA	355	D36
40.8	43.1	46.2	48.9	55.9	58.9	63.2	66.8	68.3	72	77.3	81.8	PGA	400	D40

H4 (kW)

H4 (kW)

Code	iN		H413				H414				H415			
			960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740
C63	63	PGA												
C71	71	PGA	130	133	136	144	147	151	162	173	180	187	196	199
C80	80	PGA	127	130	134	141	143	148	158	169	174	180	191	193
C90	90	PGA	123	126	133	138	139	144	154	162	168	175	183	187
D10	100	PGA	120	121	130	134	136	141	149	158	161	160	172	174
D11	112	PGA	117	120	129	133	132	136	146	153	154	156	167	141
D13	125	PGA	114	117	126	131	128	132	142	147	149	152	163	168
D14	140	PGA	110	114	123	128	125	129	139	145	144	148	158	165
D16	160	PGA	104	108	116	122	121	126	135	142	138	143	153	160
D18	180	PGA	100	105	113	119	118	123	132	139	136	142	152	160
D20	200	PGA	98.2	103	110	116	111	117	126	133	132	139	149	157
D22	224	PGA	93.7	98.8	106	112	107	113	121	128	123	130	140	148
D25	250	PGA	89.1	94	100	106	104	110	118	125	117	123	132	140
D28	280	PGA	86.3	91.1	97.7	103	99.1	104	112	118	113	120	128	136
D32	315	PGA	82.8	87.3	93.7	99.1	95.5	100	108	114	108	114	122	129
D36	355	PGA	78.9	83.3	89.4	94.6	91.9	96.9	104	110	106	112	120	127
D40	400	PGA	75.6	80.9	86	90.1	88.3	93.2	100	105	103	104	116	123
D45	450	PGA	72.9	78.8	82.3	88.2	84.2	88.8	95.3	100	97.7	102	111	117

H416				H417				H418					iN	Code
960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740			
				206	210	215	218					PGA	63	C63
193	200	210	215	199	203	210	213	211	214	225	228	PGA	71	C71
187	193	204	206	193	195	202	205	206	210	221	223	PGA	80	C80
180	187	196	203	185	190	195	197	199	204	213	215	PGA	90	C90
171	175	186	192	180	178	190	191	191	193	205	209	PGA	100	D10
166	167	179	183	173	173	186	189	185	185	198	201	PGA	112	D11
160	162	174	179	167	169	181	186	177	179	192	197	PGA	125	D13
153	158	169	175	161	164	176	183	171	175	188	194	PGA	140	D14
148	153	164	171	154	159	171	178	165	170	182	190	PGA	160	D16
142	148	159	167	151	157	169	177	158	165	177	185	PGA	180	D18
139	146	157	165	146	153	164	173	156	163	175	184	PGA	200	D20
136	144	154	163	136	144	154	163	151	159	170	180	PGA	224	D22
126	133	143	151	130	137	147	155	141	148	159	168	PGA	250	D25
120	126	135	143	126	133	143	151	133	141	151	160	PGA	280	D28
116	122	131	139	121	127	136	144	130	137	147	155	PGA	315	D32
111	118	126	134	118	124	133	141	124	131	141	149	PGA	355	D36
109	115	123	130	115	120	129	136	121	128	138	146	PGA	400	D40
102	109	116	123					116	125	130	139	PGA	450	D45

H4 (kW)

H4 (kW)

Code	iN		H419				H420				H421				H422			
			960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740
C63	63	PGA																
C71	71	PGA	292	290	306	307	303	301	316	317	373	365	381	374	397	385	400	387
C80	80	PGA	277	277	292	295	299	299	315	317	358	352	369	365	377	368	384	376
C90	90	PGA	263	264	280	284	283	284	300	304	349	345	363	362	361	355	372	368
D10	100	PGA	253	246	264	263	272	276	294	303	346	325	348	335	356	358	379	385
D11	112	PGA	243	241	259	262	260	257	276	279	340	329	352	349	350	335	358	351
D13	125	PGA	235	237	254	259	249	250	268	273	330	325	348	350	344	335	359	358
D14	140	PGA	227	231	248	255	241	245	263	271	313	314	336	343	334	332	356	361
D16	160	PGA	218	224	240	249	232	238	255	265	301	305	327	336	317	319	342	350
D18	180	PGA	208	216	232	243	224	232	249	261	297	306	329	342	304	313	335	348
D20	200	PGA	201	211	226	238	214	224	240	253	280	292	314	329	300	313	335	352
D22	224	PGA	193	204	219	232	206	217	233	247	268	283	303	321	283	299	321	340
D25	250	PGA	183	193	208	220	198	209	224	237	253	267	287	304	270	285	305	323
D28	280	PGA	176	186	199	211	188	198	213	225	243	257	276	292	255	269	289	306
D32	315	PGA	172	182	195	207	181	191	204	216	233	246	264	280	245	259	278	294
D36	355	PGA	164	173	186	197	177	187	200	212	222	235	252	267	236	249	267	283
D40	400	PGA					168	177	190	201	*	*	*	*	225	238	255	270
D45	450	PGA					*	*	*	*					*	*	*	*

\* 敬请垂询

\* On request

H423				H424				H425				H426					iN	Code
960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740			
*	*	*	*					*	*	*	*	*	*	*	*	PGA	63	C63
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	71	C71
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	80	C80
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	90	C90
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	100	D10
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	112	D11
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	125	D13
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	140	D14
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	160	D16
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	180	D18
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	200	D20
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	224	D22
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	250	D25
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	280	D28
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	315	D32
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	355	D36
*	*	*	*	*	*	*	*									PGA	400	D40
																PGA	450	D45

\* 敬请垂询

\* On request

Code	iN	B2 (kW)												B2 (kW)											
		B204				B205				B206				B207				B208							
		960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740				
B50	5	PGA	41	40	30	*	50	45	*	*					66	56	*	*							
		PGB	113	132	139	149	145	178	184	193					246	276	283	283							
		PGC	110	122	127	136	148	182	190	184					255	282	294	306							
		PGD	194	228	249	276	263	338	336	376					468	538	581	630							
B56	5.6	PGA	41	40	33	*	49	48	37	*					67	60	*	*							
		PGB	109	128	135	147	137	177	169	185					232	265	274	282							
		PGC	106	118	123	131	137	178	159	185					234	261	272	285							
		PGD	187	221	241	268	243	330	313	359					432	501	543	593							
B63	6.3	PGA	40	40	34	26	50	50	*	*	58	55	*	*	64	60	*	*	76	69	*	*			
		PGB	105	125	132	144	145	145	178	193	170	197	215	232	216	249	261	279	261	298	314	332			
		PGC	101	113	118	126	148	165	174	184	211	234	260	275	213	236	248	262	310	345	362	380			
		PGD	179	212	231	258	263	308	339	376	359	419	484	536	393	458	500	553	548	636	695	765			
B71	7.1	PGA	38	39	35	29	49	48	37	*	59	57	43	*	63	61	*	*	76	71	*	*			
		PGB	99	117	125	136	137	161	169	182	166	194	204	219	203	237	248	263	246	285	298	313			
		PGC	93	103	108	116	137	152	159	170	206	229	238	254	195	218	227	241	286	318	331	350			
		PGD	164	194	213	238	243	286	313	347	349	410	447	495	362	424	462	511	506	590	642	707			
B80	8	PGA	36	37	34	30	47	47	38	*	57	57	45	*	61	60	45	*	73	71	*	*			
		PGB	92.9	110	117	129	128	151	160	173	157	185	195	211	192	225	236	253	229	267	280	298			
		PGC	86	95	99	106	126	140	146	156	190	211	221	235	181	202	210	223	258	287	300	318			
		PGD	152	181	198	222	225	265	290	323	324	382	417	464	336	395	430	477	459	539	586	649			
B90	9	PGA	35	36	33	30	45	45	39	31	55	55	46	*	60	59	47	*	70	69	52	*			
		PGB	87.8	105	111	123	121	144	153	166	148	176	186	202	182	214	226	244	215	253	266	285			
		PGC	79	88	92	98	115	129	134	144	174	194	202	217	170	189	197	210	238	265	277	294			
		PGD	141	167	183	206	206	244	267	298	299	353	386	430	316	373	407	453	424	498	543	603			
C10	10	PGA	29	30	29	26	42	43	37	31	52	53	45	37	56	57	47	*	67	67	53	*			
		PGB	72.8	87.1	92.8	102	111	132	140	154	138	164	174	190	169	199	211	229	202	238	251	271			
		PGC	63	70	74	79	103	115	120	129	160	179	186	200	154	171	179	191	219	244	254	271			
		PGD	112	134	147	164	185	219	240	268	276	326	356	398	288	340	372	414	392	462	505	561			
C11	11.2	PGA	28	30	28	26	38	39	34	29	50	50	44	37	51	51	43	34	65	65	53	49			
		PGB	70.3	84.3	89.8	99	99.5	118	125	137	131	155	165	180	150	177	188	204	192	227	240	259			
		PGC	60	67	70	75	90	101	105	113	146	163	170	183	134	150	156	167	206	229	238	255			
		PGD	107	128	140	157	162	192	210	235	252	298	327	365	252	298	326	363	368	434	474	528			
C13	12.5	PGA	26	27	26	24	36	37	34	29	46	47	43	37	47	48	42	34	61	62	52	41			
		PGB	63	75.4	80.2	88.1	94	112	118.5	130	119	142	151	166	136	162	172	188	179	212	224	244			
		PGC	53	59	61	66	82	92	96	103	130	146	151	162	120	134	138	148	187	209	218	233			
		PGD	93.7	112	123	138	148	176	192.9	216	225	267	292	327	225	267	291	325	337	398	435	485			
C14	14	PGA	24	26	25	24	34	35	32	29	42	43	39	34	43	43	38	31	55	56	49	40			
		PGB	59.8	71.2	76	83.4	85.8	102	108	120	106	127	135	149	121	145	154	169	159	189	200	218			
		PGC	48	54	56	60	74	82	85	91	114	127	133	142	105	117	122	130	164	182	190	204			
		PGD	85.6	102.6	113	126	132	157	172	193	196	232	255	285	196	232	254	283	293	347	380	424			

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B209				B210				B211				B212				iN	Code
960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740		
74	*	*	*					*	*	*	*					PGA	
297	325	328	313					487	500	478	392					PGB	
318	353	367	376					542	595	619	612					PGC	
578	657	705	753					984	1085	1144	1174					PGD	
77	64	*	*					102	*	*	*					PGA	
282	316	322	321					481	512	504	453					PGB	
294	325	339	351					514	567	590	595					PGC	
535	614	662	716					943	1058	1126	1182					PGD	
76	67	*	*	84	71	*	*	104	*	*	*	121	*	*	*	PGA	
265	301	315	330	300	337	354	367	441	480	479	514	556	591	581	606	PGB	
266	296	309	323	368	408	426	445	453	500	521	565	781	861	896	954	PGC	
489	566	617	676	643	740	809	884	834	944	1010	1161	1340	1500	1596	1795	PGD	
76	70	*	*	84	76	*	*	112	92	*	*	134	*	*	*	PGA	
250	288	299	311	284	325	336	346	436	485	493	485	546	598	601	572	PGB	
245	272	283	298	338	374	390	410	436	483	503	520	745	823	858	878	PGC	
451	525	570	625	594	689	747	817	808	925	996	1073	1278	1451	1556	1659	PGD	
74	71	*	*	83	78	*	*	110	95	*	*	132	108	*	*	PGA	
237	274	287	302	267	308	321	336	400	451	463	467	498	555	564	556	PGB	
226	252	262	278	306	341	355	374	386	428	446	464	654	723	754	778	PGC	
419	490	533	588	541	631	686	754	719	830	896	973	1129	1293	1392	1500	PGD	
73	71	51	*	81	77	*	*	110	99	*	*	138	119	*	*	PGA	
226	264	277	295	251	292	306	324	383	437	452	465	490	554	568	574	PGB	
214	238	248	263	282	314	327	346	363	404	421	441	633	702	732	762	PGC	
396	465	507	561	500	585	637	703	679	788	853	933	1094	1261	1363	1480	PGD	
70	68	52	*	78	76	54	*	106	98	*	*	130	116	*	*	PGA	
212	249	261	280	237	277	291	310	359	413	429	447	447	508	525	537	PGB	
195	218	227	242	260	290	302	320	334	370	386	406	560	622	648	678	PGC	
363	426	465	516	462	542	591	654	626	729	791	868	972	1126	1218	1329	PGD	
63	63	49	55	76	74	55	*	97	90	*	*	128	116	*	*	PGA	
187	220	232	250	226	265	279	299	318	367	382	401	426	488	506	522	PGB	
170	189	197	210	246	273	285	303	289	321	334	353	527	586	611	641	PGC	
316	372	406	451	438	514	561	622	543	633	688	757	918	1066	1156	1265	PGD	
60	60	49	46	72	72	57	*	93	88	*	*	123	115	*	*	PGA	
174	205	217	200	212	250	264	284	298	346	405	381	400	462	481	503	PGB	
154	172	180	191	224	250	261	278	263	294	306	323	483	538	561	590	PGC	
289	341	373	414	401	472	515	573	497	581	632	697	845	985	1070	1176	PGD	
54	54	46	45	65	65	54	*	84	80	*	*	111	106	*	*	PGA	
155	183	194	179	189	223	236	255	266	309	362	342	353	409	428	451	PGB	
135																	

Code	iN		B2 (kW)				B2 (kW)									
			B213				B214				B215				iN	Code
			960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740		
B63	6.3	PGA	*	*	*	*	*	*	*	*	*	*	*	*	6.3	B63
		PGB	906	996	1036	1028	1129	1241	1290	1274	1302	1422	1478	1406		
		PGC	1132	1245	1295	1285	1411	1551	1613	1592	1627	1778	1847	1758		
		PGD	1574	1740	1839	1894	1954	2150	2267	2322	2168	2311	2393	2342		
B71	7.1	PGA	128	*	*	*	150	*	*	*	*	*	*	*	7.1	B71
		PGB	637	683	676	616	768	817	804	721	756	762	720	563		
		PGC	878	969	1009	1020	1082	1193	1242	1251	1206	1324	1378	1350		
		PGD	1541	1733	1848	1946	1895	2124	2261	2371	2028	2218	2331	2367		
B80	8	PGA	131	*	*	*	154	*	*	*	*	*	*	*	8	B80
		PGB	588	643	646	616	705	767	768	723	705	735	713	609		
		PGC	782	865	901	922	948	1047	1091	1113	1085	1194	1242	1239		
		PGD	1375	1562	1674	1785	1663	1884	2016	2143	1830	2032	2152	2230		
B90	9	PGA	135	111	*	*	164	*	*	*	144	*	*	*	9	B90
		PGB	565	630	640	630	699	775	785	766	684	732	724	658		
		PGC	731	810	844	872	922	1020	1063	1095	1026	1132	1179	1191		
		PGD	1296	1484	1598	1721	1625	1875	1996	2144	1741	1956	2085	2195		
C10	10	PGA	133	114	*	*	160	133	*	*	146	*	*	*	10	C10
		PGB	535	601	616	617	642	719	734	729	643	698	698	655		
		PGC	677	750	782	812	814	903	941	975	936	1034	1078	1098		
		PGD	1200	1391	1490	1614	1444	1658	1787	1932	1596	1806	1933	2052		
C11	11.2	PGA	123	108	*	*	157	136	*	*	138	*	*	*	11.2	C11
		PGB	476	539	555	562	613	691	709	713		637	641	614		
		PGC	587	651	679	708	762	845	881	916	465	911	949	972		
		PGD	1046	1208	1306	1420	1356	1563	1688	1831	1030	1605	1722	1839		
C13	12.5	PGA	122	106	*	*	156	139	*	*	1199	*	*	*	12.5	C13
		PGB	425	473	517	523	579	659	681	697	523	578	584	560		
		PGC	597	588	637	657	706	783	817	854	736	878	882	868		
		PGD	958	1125	1211	1329	1255	1454	1574	1718	1328	1524	1805	1639		
C14	14	PGA	118	103	*	*	143	131	*	*	126	*	*	*	14	C14
		PGB	391	429	472	484	514	589	611	633	481	502	516	491		
		PGC	506	526	546	583	610	678	707	743	652	790	803	730		
		PGD	863	1034	1108	1233	1092	1270	1377	1509	1217	1406	1623	1428		

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B216				B217				B218				iN	Code	
960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740			
*	*	*	*	*	*	*	*					PGA	6.3	B63
1426	1555	1615	1522	1527	1661	1724	1598					PGB		
1782	1944	2019	1902	1909	2076	2155	1997					PGC		
2366	2499	2574	2482	2530	2633	2689	2533					PGD		
*	*	*	*	*	*	*	*	*	*	*	*	PGA	7.1	B71
815	809	754	560	838	811	740	503	897	849	760	473	PGB		
1316	1442	1500	1458	1430	1563	1625	1561	1535	1677	1742	1656	PGC		
2204	2394	2505	2519	2386	2563	2666	2639	2558	2723	2817	2751	PGD		
*	*	*	*	*	*	*	*	*	*	*	*	PGA	8	B80
784	807	775	641	793	800	756	592	874	868	808	600	PGB		
1225	1346	1401	1387	1297	1424	1481	1452	1434	1572	1634	1589	PGC		
2059	2273	2400	2467	2174	2378	2499	2539	2402	2608	2729	2743	PGD		
150	*	*	*	*	*	*	*	*	*	*	*	PGA	9	B90
730	773	759	674	774	807	782	669	823	847	812	671	PGB		
1094	1206	1256	1262	1234	1358	1413	1409	1299	1429	1486	1471	PGC		
1853	2073	2204	2306	2078	2308	2444	2533	2188	2414	2549	2619	PGD		
155	*	*	*	149	*	*	*	*	*	*	*	PGA	10	C10
704	759	753	694	737	783	770	688	799	839	818	712	PGB		
1037	1145	1192	1209	1145	1262	1314	1322	1237	1362	1418	1418	PGC		
1760	1984	2118	2237	1935	2167	2306	2416	2085	2322	2464	2564	PGD		
154	*	*	*	144	*	*	*	159	*	*	*	PGA	11.2	C11
662	720	721	679	669	720	714	656	760	809	797	715	PGB		
946	1045	1088	1110	1014	1119	1166	1181	1151	1270	1322	1331	PGC		
1616	1831	1960	2083	1720	1938	2068	2183	1940	2175	2315	2428	PGD		
149	*	*	*	140	*	*	*	158	*	*	*	PGA	12.5	C13
598	661	669	650	637	658	685	621	691	750	749	701	PGB		
831	920	958	986	905	966	1062	1078	1021	1127	1174	1195	PGC		
1430	1632	1754	1882	1623	1768	1809	1865	1730	1957	2093	2221	PGD		
139	*	*	*	136	*	*	*	157	*	*	*	PGA	14	C14
519	623	637	603	601	614	634	594	653	694	715	685	PGB		
781	838	882	903	847	935	967	1012	886	1043	1061	1054	PGC		
1327	1465	1632	1704	1504	1632	1777	1783	1625	1768	1876	2056	PGD		

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Code	iN	B3 (kw)												B3 (kw)											
		B304				B305				B306				B307				B308							
		960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740				
C16	16	PGA	35.2	37	36.8	36.8	47.9	49.5	48.3	46.7	55.4	57	55.4	53.1	74	75.7	72.9	68.5	86.2	87.5	83.3	76.8			
		PGB	61.3	70	78.6	86.9	87.5	99.5	110	121	100	113	126	138	137	156	172	187	158	178	196	212			
		PGC	57	63	70	77	92	102	113	123	102	114	126	137	160	178	195	213	178	198	218	236			
		PGD	92.2	105	121	136	149	171	195	218	165	190	216	241	257	294	334	372	285	326	369	410			
C18	18	PGA	34.3	36	35.9	35.9	46.5	48.1	47.2	45.9	53.7	55.5	54.1	52.2	71.7	73.6	71.1	67.4	83.2	84.8	81.1	75.5			
		PGB	59.5	67.9	76.4	84.5	84.8	96.5	107	118	97.1	110	122	134	133	151	167	182	153	173	191	207			
		PGC	55	61	68	74	89	98	109	119	98	109	120	131	154	171	188	205	174	193	212	230			
		PGD	89.5	102	117	132	144	166	189	212	159	183	208	233	247	284	322	360	277	317	359	400			
C20	20	PGA	32.4	34	34	34.1	44.6	46.4	45.6	44.5	51.9	53.7	52.6	51	68.9	70.9	68.8	65.7	79.4	81.2	78	73.3			
		PGB	56.1	64.1	72.1	79.9	81.3	92.6	103	113	93.5	106	118	129	127	145	161	175	145	165	182	198			
		PGC	52	58	64	70	86	95	105	114	94	106	116	127	147	164	180	197	163	182	199	217			
		PGD	84.3	96.9	111	125	138	159	181	203	154	176	201	225	236	270	307	344	261	300	340	379			
C22	22.4	PGA	31.6	33.3	33.3	33.6	44	45.8	45.1	44.3	50.4	52.3	51.4	50.1	66.8	68.9	67.2	64.6	77.4	79.4	76.7	72.7			
		PGB	54.6	62.4	70.3	77.9	80	91.1	101	112	90.7	103	115	126	123	140	155	170	141	160	177	193			
		PGC	50	56	62	69	84	94	104	114	92	102	114	124	142	158	174	190	158	176	194	210			
		PGD	82.2	94.5	108	122	137	158	180	202	149	171	195	219	226	260	296	331	253	290	330	368			
C25	25	PGA	30.1	31.8	31.9	32.3	41.8	43.7	43.3	43	48.6	50.6	50.1	49.4	65	67.4	66.2	64.6	74.7	77.1	75.2	72.5			
		PGB	51.7	59.1	66.7	74.1	75.5	86.2	96.6	106	86.9	99	110	122	119	135	151	165	134	153	170	186			
		PGC	48	53	59	65	80	88	98	107	88	98	108	118	135	150	166	182	151	169	186	203			
		PGD	77.4	89	102	115	128	147	168	189	142	163	186	209	217	249	284	319	243	279	317	355			
C28	28	PGA	29	30.7	30.9	31.4	40.6	42.6	42.5	42.6	48	50.3	50	49.9	62.1	64.8	64.1	63.4	72.7	75.5	74.4	72.9			
		PGB	49.4	56.6	63.9	71.1	72.7	83	93.3	103	85.5	97.5	109	121	112	127	143	157	130	148	165	182			
		PGC	45	50	56	61	75	83	93	102	87	97	107	118	125	139	154	169	146	163	180	197			
		PGD	73.1	84.2	96.7	109	121	139	159	179	141	162	185	209	201	231	264	296	234	268	306	344			
C32	31.5	PGA	27.5	29.1	29.4	30.1	38.6	40.6	40.7	41	45.5	47.8	47.8	48	59.2	62	61.7	61.6	70.3	73.4	72.7	72			
		PGB	46.8	53.7	60.7	67.6	68.7	78.5	88.5	98.1	80.6	92.1	103	114	106	121	136	150	125	143	160	177			
		PGC	42	47	52	57	70	78	86	95	82	91	101	111	117	130	144	158	139	155	172	189			
		PGD	68.6	78.9	90.8	102	113	130	149	169	133	153	175	197	188	216	247	278	222	255	292	328			
C36	35.5	PGA	25.9	27.5	27.8	28.5	36.4	38.4	38.6	39.1	44	46.3	46.4	46.9	56.4	59.2	59.1	59.4	67	70.2	69.8	69.7			
		PGB	43.8	50.2	56.8	63.3	64.3	73.6	83	92.1	77.5	88.6	99.8	110	100	114	129	142	119	136	152	168			
		PGC	39	43	48	53	64	71	79	87	77	86	95	105	108	121	134	147	130	144	160	175			
		PGD	63.1	72.7	83.7	94.6	104	120	138	155	126	144	166	187	174	200	229	258	207	238	272	306			
C40	40	PGA	22.6	24	24.3	25	31.7	33.5	33.7	34.2	41.8	44.1	44.3	44.9	49.4	52	52	52.4	64.1	67.3	67.1	67.2			
		PGB	38.1	43.7	49.4	55.1	55.5	63.5	71.6	79.6	73.3	83.8	94.6	105	87.1	99.6	112	124	112	128	144	160			
		PGC	33	36	40	45	53	59	66	73	72	80	89	98	90	100	110	122	121	134	150	164			
		PGD	53.2	61.3	70.6	79.8	87	100	115	129	117	135	155	175	144	166	191	215	193	222	254	286			
C45	45	PGA	22.1	23.5	23.8	24.5	30.9	32.7	32.9	33.5	39.3	41.5	41.8	42.5	48	50.6	50.8	51.3	60.9	64	64	64.4			
		PGB	37.2	42.6	48.3	53.9	54	61.8	69.8	77.7	68.5	78.4	88.5	98.4	84.1	96.1	108	120	106	121	137	151			
		PGC	32	35	39	43	51	57	64	70	66	74	82	90	86	96	106	118	111	124	138	152			
		PGD	51.8	59.7	68.7	77.7	84	96.7	111	125	107	124	142	161	139	159	183	206	179	205	236	265			
C50	50	PGA	22.4	23.8	24.2	24.9	30.8	32.7	33	33.9	34.4	36.4	36.8	37.7	47.6	50.3	50.7	51.7	53.6	56.6	56.9	57.8			
		PGB	37.4	42.9	48.7	54.4	53.3	61.1	69.2	77.1	59.4	68	76.9	85.7	82.5	94.5	106	118	92.5	105	119	132			
		PGC	32	35	39	43	50	56	62	69	55	62	69	76	83	93	103	114	93	103	115	126			
		PGD	51.6	59.4	68.5	77.5	81.9	94.3	108	122	90.3	103	119	135	134	154	177	200	149	172	197	223			
C56	56	PGA	20.7	22	22.4	23.1	28.5	30.2	30.7	31.6	33.6	35.7	36.2	37.2	44.3	47	47.5	48.7	52.1	55.2	55.7	57			
		PGB	34.4	39.4	44.8	50	49.3	56.5	64	71.4	57.8	66.3	75.1	83.7	76.7	87.9	99.5	110	89.6	102	116	129			
		PGC	28	32	35	39	45	50	56	62	53	59	66	73	76	84	94	103	89	98	110	122			
		PGD	46.8	53.9	62.1	70.3	74.1	85.4	98.3	111	87.2	100	115	130	122	141	162	183	143	165	190	215			
C63	63	PGA	19.9	21.2	21.6	22.3	27.4	29.1	29.5	30.4	33.4	35.5	36	37.1	42.8	45.5	46.1	47.3	51.5	54.6	55.2	56.6			
		PGB	33.1	38	43.2	48.3	47.3	54.3	61.6	68.7	57.1	65.5	74.2	82.9	74.1	84.9	96.2	107	88.1	100	114	127			
		PGC	27	30	34	37	43	47	53	58	52	58	65	71	72	80	89	98	86	96	107	118			
		PGD	44.3	51	58.9	66.7	70.1	80.8	93	105	85.1	98	112	127	116	134	154	174	140	161	185	210			
C71	71	PGA	18.4	19.6	20	20.7	26.1	27.7	28.2	29.1	30.8	32.8	33.3	34.3	40.8	43.3	43.9	45.2	47.8	50.8	51.4	52.7			
		PGB	30.7	35.3	40	44.8	44.9	51.6	58.5	65.3	52.6	60.3	68.4	76.3	70.5	80.9	91.7	102	81.7	93.6	106	118			
		PGC	24	27	30	34	39	44	49	54	47	52	58	64	66	74	82	90	79	87	98	107			
		PGD	40.4	46.6	53.7	60.8	65.2	75.1	86.5	97.9	77.1	88.8	102	115	108	125	143	162	127	146	168	190			
C80	80	PGA	20.7	22	22.4	23.1	28.5	30.2	30.7	31.6	33.6	35.7	36.2	37.2	44.3	47	47.5	48.7	52.1	55.2	55.7	57			
		PGB	34.6	39.7	38.5	43.2	51.9	59.6	56.4	63	50.6	58.1	65.9	73.6	67.8	77.9	88	98.4	79	90.5	102	114			
		PGC	28	32	29	32	48	54	46	51	44	49	55	61	63	70	78	86	75	82	92	102			
		PGD	46.7	53.8	50.9	57.6	79.1	91.6	82	92.8	72.8	83.9	96.7	109	102	118	136	154	121	139	160	182			
C90	90	PGA	19.9	21.2	21.6	22.3	27.4	29.1	29.5	30.4	33.4	35.5	36	37.1	42.8	45.5	46.1	47.3	51.5	54.6	55.2	56.6			
		PGB	33	37.9	36.7	41.1	48.7	55.8	53.6	59.9	48.1	55.2	62.7	70	64.5	74.1	83.7	93.6	75.1	86.1	97.6	108			
		PGC	27	30	27	29	44	49	43	47	41	46	51	56	58	65	72	79	69	77	86	94			
		PGD	44.3	51	47.4	53.9	72.3	83.7	76.4	86.8	67.9	78.2	90.1	102	95.1	110	127	144	112	129	149	168			

B309				B310				B311				B312				iN	Code
960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740		
99.4	100	94.3	85.1	110	110	103											

Code	iN	B3 (kw)				B3 (kw)								iN	Code		
		B313				B314				B315							
		960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740				
C16	16	PGA	165	151	122	*	191	174	138	*	221	185	*	*	PGA	16	C16
		PGB	388	426	445	450	448	492	511	513	553	597	597	568	PGB		
		PGC	523	582	615	646	592	659	694	727	834	929	957	981	PGC		
		PGD	846	958	1047	1128	959	1085	1181	1268	1322	1486	1583	1662	PGD		
C18	18	PGA	167	155	128	*	195	180	146	*	216	185	*	*	PGA	18	C18
		PGB	392	432	454	462	452	498	520	527	531	575	581	560	PGB		
		PGC	526	586	622	655	596	663	702	737	801	892	924	952	PGC		
		PGD	853	967	1060	1146	965	1093	1195	1289	1265	1424	1525	1610	PGD		
C20	20	PGA	159	149	126	*	180	168	140	*	212	185	*	*	PGA	20	C20
		PGB	367	406	428	440	413	456	480	489	513	557	568	555	PGB		
		PGC	492	548	583	617	542	603	640	675	769	856	891	923	PGC		
		PGD	798	905	996	1081	877	995	1092	1182	1215	1370	1475	1566	PGD		
C22	22.4	PGA	154	147	126	*	185	174	148	*	210	187	*	*	PGA	22.4	C22
		PGB	349	387	412	426	417	462	489	503	498	544	559	554	PGB		
		PGC	459	511	546	580	546	609	649	686	728	810	849	883	PGC		
		PGD	746	847	936	1019	885	1005	1107	1203	1155	1304	1412	1507	PGD		
C25	25	PGA	149	144	128	102	176	170	150	116	204	189	153	*	PGA	25	C25
		PGB	329	367	395	414	390	435	466	486	466	513	537	544	PGB		
		PGC	422	470	506	540	510	568	610	650	658	733	776	816	PGC		
		PGD	687	783	870	954	827	941	1045	1143	1047	1186	1297	1399	PGD		
C28	28	PGA	144	143	131	112	172	170	155	130	205	195	168	*	PGA	28	C28
		PGB	312	350	380	404	373	417	452	479	453	503	535	554	PGB		
		PGC	391	436	472	508	474	528	572	614	631	703	751	798	PGC		
		PGD	640	731	819	903	772	881	985	1085	1007	1145	1265	1378	PGD		
C32	31.5	PGA	139	140	131	116	165	165	154	135	196	191	170	137	PGA	31.5	C32
		PGB	296	333	365	391	350	393	430	460	423	473	508	534	PGB		
		PGC	362	404	440	475	434	484	526	568	572	637	686	733	PGC		
		PGD	595	680	766	849	710	811	912	1009	917	1044	1162	1274	PGD		
C36	35.5	PGA	135	137	130	119	159	160	151	137	192	189	173	146	PGA	35.5	C36
		PGB	284	321	353	381	332	375	412	443	407	457	495	525	PGB		
		PGC	345	384	427	454	405	451	492	533	544	606	655	704	PGC		
		PGD	566	648	732	814	662	758	855	949	873	996	1114	1228	PGD		
C40	40	PGA	128	130	125	116	152	155	147	136	183	182	168	146	PGA	40	C40
		PGB	267	302	334	362	315	355	392	424	383	430	469	500	PGB		
		PGC	318	354	387	421	377	420	459	498	502	558	606	653	PGC		
		PGD	523	599	678	755	617	706	798	888	808	923	1035	1144	PGD		
C45	45	PGA	119	122	117	110	147	150	144	134	171	171	160	142	PGA	45	C45
		PGB	244	279	306	333	301	341	377	409	352	397	434	465	PGB		
		PGC	285	317	348	378	357	397	435	474	451	502	547	591	PGC		
		PGD	467	535	607	677	586	671	760	847	728	832	936	1037	PGD		
C50	50	PGA	122	126	124	120	141	146	142	138	178	182	174	163	PGA	50	C50
		PGB	244	278	310	340	283	321	358	392	356	402	445	483	PGB		
		PGC	282	314	346	378	330	367	405	442	454	505	554	602	PGC		
		PGD	466	535	610	684	543	623	709	794	728	834	944	1053	PGD		
C56	56	PGA	113	118	117	116	131	136	135	133	165	171	167	161	PGA	56	C56
		PGB	223	254	285	314	258	294	330	363	325	369	411	450	PGB		
		PGC	252	281	311	341	293	326	361	395	406	452	498	544	PGC		
		PGD	416	478	547	614	486	558	637	716	652	748	852	954	PGD		
C63	63	PGA	109	114	114	114	133	139	138	137	159	165	162	158	PGA	63	C63
		PGB	214	244	275	303	259	296	332	367	309	352	393	431	PGB		
		PGC	237	264	293	321	292	326	361	395	380	423	468	511	PGC		
		PGD	393	452	517	582	481	553	633	712	612	703	802	899	PGD		
C71	71	PGA	103	108	107	107	122	128	127	127	151	158	155	153	PGA	71	C71
		PGB	201	229	258	285	236	269	302	334	292	333	372	409	PGB		
		PGC	214	238	265	290	262	291	323	354	350	390	430	471	PGC		
		PGD	356	410	469	528	431	495	567	638	567	651	743	834	PGD		
C80	80	PGA	98	102	103	103	117	123	123	123	145	149	150	146	PGA	80	C80
		PGB	217	233	243	261	227	259	291	323	282	312	351	376	PGB		
		PGC	221	230	253	258	246	274	303	334	318	361	462	434	PGC		
		PGD	321	380	427	462	407	468	536	604	516	603	657	773	PGD		
C90	90	PGA	92	98	98	97	110	115	115	116	139	143	145	140	PGA	90	C90
		PGB	206	214	219	241	212	242	273	302	271	296	330	352	PGB		
		PGC	211	221	240	246	222	247	274	302	277	334	421	406	PGC		
		PGD	307	356	386	412	369	425	487	549	463	554	601	724	PGD		

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B316				B317				B318				iN	Code	
960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740			
227	186	*	*	241	189	*	*	245	*	*	*			PGA
579	621	615	575	713	758	737	671	732	774	741	658	PGB		
863	961	984	1002	1012	1126	1143	1152	1034	1150	1158	1157	PGC		
1366	1532	1621	1691	1654	1849	1937	2000	1682	1876	1949	1994	PGD		
230	193	*	*	237	191	*	*	263	205	*	*	PGA	18	C18
573	617	617	586	686	734	722	669	763	811	787	714	PGB		
850	946	97	998	968	1078	1100	1116	1066	1186	1202	1210	PGC		
1344	1510	1608	1687	1584	1775	1872	1946	1738	1942	2033	2096	PGD		
223	191	*	*	234	194	*	*	246	198	*	*	PGA	20	C20
548	593	599	577	662	711	708	668	700	749	736	681	PGB		
808	899	932	959	931	1037	1066	1088	971	1082	1103	1119	PGC		
1280	1440	1542	1628	1523	1710	1815	1900	1589	1780	1876	1949	PGD		
219	192	*	*	236	201	*	*	243	202	*	*	PGA	22.4	C22
528	574	586	573	646	698	702	673	675	725	722	681	PGB		
773	861	897	929	891	992	1026	1054	931	1037	1066	1088	PGC		
1227	1383	1490	1582	1461	1644	1756	1851	1525	1712	1818	1902	PGD		
222	202	160	*	234	208	*	*	250	219	*	*	PGA	25	C25
513	563	585	587	607	662	681	674	661	718	732	714	PGB		
735	818	862	902	810	902	945	983	893	994	1035	1071	PGC		
1168	1322	1440	1546	1333	1505	1629	1738	1467	1654	1780	1890	PGD		
216	204	172	*	239	222	183	*	248	227	182	*	PGA	28	C28
480	531	562	577	596	656	689	700	621	682	711	716	PGB		
666	741	790	835	784	873	926	974	812	904	954	1001	PGC		
1060	1204	1326	1440	1292	1465	1605	1734	1336	1513	1650	1776	PGD		
215	208	183	142	232	221	190	*	250	236	199	*	PGA	31.5	C32
468	521	558	582	557	619	658	681	608	673	712	731	PGB		
638	710	762	812	717	798	854	906	786	874	932	986	PGC		
1020	1161	1288	1409	1184	1345	1487	1619	1296	1471	1620	1759	PGD		
205	201	181	149	228	221	196	155	241	232	203	155	PGA	35.5	C36
435	487	526	555	538	599	644	674	569	633	677	705	PGB		
580	646	697	746	682	759	817	873	718	799	857	913	PGC		
929	1059	1181	1299	1129	1286	1429	1566	1188	1351	1498	1636	PGD		
199	197	180	153	220	215	194	160	236	230	2				

B3 (kW)

B3 (kW)

Code	iN		B319				B320				B321				B322			
			960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740
C16	16	PGA	*	*	*	*	*	*	*	*								
		PGB	*	*	*	*	*	*	*	*								
C18	18	PGA	*	*	*	*	*	*	*	*	*	*	*	*				
		PGB	*	*	*	*	*	*	*	*	*	*	*	*				
C20	20	PGA	271	211	*	*	*	*	*	*	270	*	*	*	*	*	*	*
		PGB	814	865	839	761	*	*	*	*	899	920	813	622	*	*	*	*
C22	22.4	PGA	276	222	*	*	286	226	*	*	279	*	*	*	270	*	*	*
		PGB	795	850	836	774	833	888	864	789	881	910	824	661	907	920	793	576
C25	25	PGA	281	241	*	*	297	250	*	*	292	*	*	*	291	*	*	*
		PGB	763	826	833	803	816	880	881	840	846	889	841	732	893	926	844	688
C28	28	PGA	285	257	200	*	241	269	*	*	301	244	*	*	306	*	*	*
		PGB	731	800	828	826	826	854	878	869	811	868	855	794	857	906	869	773
C32	31.5	PGA	279	260	216	*	302	279	227	*	299	257	*	*	312	256	*	*
		PGB	688	760	799	814	782	824	863	874	759	822	831	802	821	881	871	815
C36	35.5	PGA	278	265	228	*	302	277	235	*	297	265	*	*	306	263	*	*
		PGB	666	739	786	813	749	779	825	849	731	798	821	813	767	830	839	810
C40	40	PGA	267	258	266	175	293	277	240	*	287	262	208	*	302	266	*	*
		PGB	627	698	747	779	703	754	805	836	686	753	783	786	728	804	822	808
C45	45	PGA	253	247	221	179	289	270	240	190	270	251	207	*	291	263	206	*
		PGB	582	650	700	737	679	712	765	801	634	698	733	746	692	758	785	785
C50	50	PGA	256	257	240	212	278	266	247	216	302	293	260	206	283	269	232	*
		PGB	561	631	690	739	638	669	730	780	668	744	799	837	641	712	757	783
C56	56	PGA	251	256	245	229	267	272	260	240	294	293	271	236	312	307	279	234
		PGB	540	611	675	731	595	645	712	771	630	708	772	823	675	755	818	866
C63	63	PGA	245	251	243	231	268	266	256	242	287	289	272	244	295	297	275	240
		PGB	520	589	654	712	571	622	689	750	608	686	752	808	633	712	776	828
C71	71	PGA	232	239	232	222	260	259	251	239	272	275	261	238	291	292	273	243
		PGB	487	553	615	671	549	600	666	726	569	643	707	763	612	689	754	808
C80	80	PGA	*	*	*	*	252	247	240	231	*	*	*	*	276	278	262	237
		PGB	*	*	*	*	529	563	626	684	*	*	*	*	574	647	710	764
C90	90	PGA	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
		PGB	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

\* 敬请垂询

\* On request

B323				B324				B325				B326				iN	Code	
960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740			
																		PGA
																		PGB
																		PGA
																		PGB
*	*	*	*															PGA
*	*	*	*															PGB
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGB
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGB
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGB
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGB
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGB
																		PGA
																		PGB

\* 敬请垂询

\* On request

Code	iN		B4 (kW)				B4 (kW)												iN	Code
			B405				B406				B407				B408					
			960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740		
D10	100	PGA	26.6	28.5	29.6	30.9	30.6	32.7	34	35.4	38.8	41.4	43.1	44.8	45.3	48.2	50.2	52		
D11	112	PGA	25.6	27.5	28.6	29.8	29.9	32	33.3	34.7	37.4	39.9	41.5	43.2	44	46.9	48.8	50.6		
D13	125	PGA	24.5	26.3	27.4	28.5	28.6	30.6	31.8	33.2	35.7	38.2	39.7	41.4	41.6	44.4	46.2	48		
D14	140	PGA	23.4	25.1	26.1	27.3	27.5	29.5	30.7	32	33.9	36.3	37.8	39.4	40.1	42.9	44.6	46.5		
D16	160	PGA	21.5	23.1	24.1	25.2	26.3	28.2	29.4	30.7	30.9	33.2	34.5	36.1	38.2	41	42.7	44.5		
D18	180	PGA	21.1	22.7	23.6	24.7	25.1	27	28.1	29.4	30.1	32.4	33.7	35.2	36.4	39	40.7	42.5		
D20	200	PGA	20.4	21.9	22.8	23.9	23.1	24.9	25.9	27.1	29.9	32.1	33.5	35	33.2	35.7	37.2	38.9		
D22	224	PGA	19	20.4	21.3	22.3	22.7	24.4	25.4	26.7	27.8	30	31.2	32.7	32.4	34.9	36.4	38.1		
D25	250	PGA	18.5	20	20.8	21.8	21.8	23.5	24.5	25.7	26.9	29	30.2	31.7	32.1	34.6	36	37.8		
D28	280	PGA	17.6	19	19.8	20.9	20.4	22	22.9	24.1	25.2	27.2	28.4	29.8	30	32.3	33.7	35.4		
D32	315	PGA	16.5	17.8	18.6	19.5	19.8	21.4	22.3	23.5	23.6	25.5	26.6	27.9	28.8	31.1	32.4	34.1		
D36	355	PGA	16.0	17.3	18.1	19.0	19	20.5	21.3	22.4	22.7	24.4	25.4	26.6	27.1	29.2	30.4	32		
D40	400	PGA	15.4	16.6	17.3	18.1	17.7	19.1	19.9	21	21.2	22.7	23.7	24.9	25.4	27.4	28.6	30		

B409				B410				B411				B412				iN	Code	
960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740			
55.6	59.1	61.5	63.6	60.4	64.1	66.7	68.8	84.4	88.9	92.4	94.7	101	106	110	112			PGA
53.5	56.9	59.2	61.4	59	62.7	65.3	67.5	80.4	84.9	88.3	90.7	97.6	102	106	109	PGA	112	D11
51	54.4	56.6	58.8	56	59.7	62.1	64.3	77	81.5	84.8	87.3	93.2	98.4	102	105	PGA	125	D13
48.1	51.4	53.5	55.6	53.9	57.5	59.9	62.2	72.8	77.3	80.4	83.1	88.8	94.1	97.8	100	PGA	140	D14
44	47	49	51	51.3	54.9	57.2	59.5	66.4	70.7	73.6	76.2	85.1	90.4	94.1	97.2	PGA	160	D16
42.9	46	47.9	50	48.7	52.2	54.3	56.6	64.6	69	71.8	74.6	80.6	85.9	89.3	92.6	PGA	180	D18
42	45.1	47	49.1	44.6	47.8	49.8	52	63.2	67.7	70.5	73.4	73.6	78.7	81.9	85.2	PGA	200	D20
39.3	42.3	44	46.1	43.4	46.7	48.6	50.9	59.4	63.8	66.5	69.5	71.8	77	80.2	83.7	PGA	224	D22
37.9	40.8	42.5	44.6	42.5	45.8	47.8	50.1	57.5	61.9	64.5	67.6	70.1	75.4	78.6	82.3	PGA	250	D25
36.1	39	40.6	42.7	39.8	43	44.8	47.1	55	59.3	61.8	65	65.8	71	74	77.7	PGA	280	D28
33.9	36.6	38.2	40.1	38.4	41.5	43.2	45.4	51.3	55.4	57.8	60.7	63.7	68.7	71.6	75.2	PGA	315	D32
31.9	34.4	35.8	37.6	36.6	39.6	41.2	43.3	48.9	52.9	55.1	57.9	60.8	65.6	68.4	71.8	PGA	355	D36
								46.6	52.9	52.5	55.2	56.7	61.2	63.8	67	PGA	400	D40

Code	iN		B4 (kW)				B4 (kW)										
			B413				B414				B415					iN	Code
			960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740			
C90	90	PGA															
D10	100	PGA	112	117	121	123	130	135	140	142	146	150	156	155			
D11	112	PGA	107	112	116	118	126	132	137	139	139	144	149	150			
D13	125	PGA	102	108	112	114	119	125	130	133	132	138	143	144			
D14	140	PGA	97.6	103	107	109	114	120	125	128	128	134	139	141			
D16	160	PGA	92.4	97.8	101	104	110	116	121	124	121	127	132	135			
D18	180	PGA	87.2	92.8	96.5	99.8	103	110	114	118	114	120	125	129			
D20	200	PGA	85.2	91	94.7	98.3	98.5	105	109	113	112	119	124	128			
D22	224	PGA	79.9	85.6	89.1	92.9	93.2	99.8	104	108	105	112	117	121			
D25	250	PGA	77.3	83.1	86.6	90.6	90.6	97.4	101	106	102	109	114	119			
D28	280	PGA	73	78.8	82.1	86.3	85.2	92	95.9	100	95	102	106	112			
D32	315	PGA	69.6	75.2	78.4	82.3	82.4	89	92.7	97.4	89.7	96.9	100	106			
D36	355	PGA	67	68.2	76.2	79.3	77.8	84	87.6	92	82.3	92.6	95	103			
D40	400	PGA	63.2	65.1	72.8	76.5	74.1	80	83.4	87.6	79.6	89.1	92	99			

B416				B417				B418					iN	Code	
960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740				
				175	176	178	183						PGA	90	C90
160	163	169	168	164	167	170	173	180	182	188	185		PGA	100	D10
151	155	161	161	157	161	165	167	169	173	179	177		PGA	112	D11
144	149	155	155	149	154	160	159	161	166	172	171		PGA	125	D13
137	143	148	150	144	149	156	155	154	159	165	166		PGA	140	D14
132	138	143	146	136	142	150	147	148	155	160	162		PGA	160	D16
124	131	136	140	128	135	143	140	139	146	152	155		PGA	180	D18
117	125	130	134	126	134	143	139	132	140	146	150		PGA	200	D20
116	123	128	133	117	125	135	130	130	138	144	149		PGA	224	D22
108	116	120	126	114	122	133	127	122	131	136	142		PGA	250	D25
104	113	117	123	107	115	126	120	117	127	132	139		PGA	280	D28
98.5	106	110	116	101	109	119	113	110	119	124	131		PGA	315	D32
92.4	99.7	103	109	97	102	113	108	104	113	117	123		PGA	355	D36
88	95.2	99	105					108	110	113	117		PGA	400	D40

B4 (kW)

B4 (kW)

Code	iN		B419				B420				B421				B422			
			960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740
C90	90	PGA																
D10	100	PGA	227	228	236	230	246	247	255	247	319	311	321	301	344	330	339	312
D11	112	PGA	216	219	227	223	232	235	243	238	309	306	315	300	322	314	323	302
D13	125	PGA	205	210	218	216	221	226	234	231	291	291	300	290	313	309	318	303
D14	140	PGA	198	204	211	212	211	217	225	224	281	284	294	288	294	294	304	294
D16	160	PGA	187	194	202	204	203	210	218	220	265	271	281	278	284	288	298	292
D18	180	PGA	175	183	190	194	191	200	208	211	248	256	266	266	269	276	286	285
D20	200	PGA	174	183	191	196	179	189	196	201	240	251	260	264	251	261	271	274
D22	224	PGA	163	174	181	187	179	190	198	205	224	237	246	253	243	256	266	273
D25	250	PGA	158	169	176	184	168	180	187	195	217	232	241	251	227	243	252	262
D28	280	PGA	148	160	167	175	161	174	182	191	207	224	233	245	220	237	247	260
D32	315	PGA	140	152	158	166	153	165	172	180	193	209	217	228	240	227	236	248
D36	355	PGA	*	*	*	*	144	155	162	170	*	*	*	*	196	211	220	231
D40	400	PGA					*	*	*	*	*	*	*	*	*	*	*	*

\* 敬请垂询

\* On request

B423				B424				B425				B426				iN	Code	
960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740	960	1150	1450	1740			
*	*	*	*					*	*	*	*	*	*	*	*	PGA	90	C90
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	100	D10
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	112	D11
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	125	D13
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	140	D14
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	160	D16
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	180	D18
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	200	D20
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	224	D22
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	250	D25
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	280	D28
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	315	D32
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	PGA	355	D36
				*	*	*	*									PGA	400	D40

\* 敬请垂询

\* On request

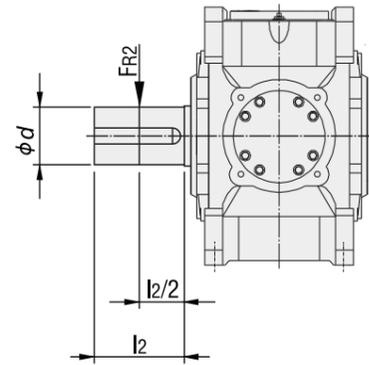
9 输出轴允许的附加径向力

9 Permissible additional radial force on output shaft

9.1 输出轴d上允许的附加径向力

9.1 Permissible additional radial force on output shaft

允许的附加径向力FR2 (kN), 作用于输出轴轴伸中部		Permissible additional radial force FR2 (kN), applied at midpoint of extension of output shaft										
Type	Arrangement	04	05	06	07	08	09	10	11	12		
H2. . HS	A+B+G+H	10	22	22	30	30	30	45	64	64		
	C+D	10	13	13	18	18	20	28	35	35		
H3. . HS	A+B+G+H		29	29	40	40	40	60	85	85		
	C+D		18	18	26	26	30	40	50	50		
H4. . HS	C+D				40	40	40	60	85	85		
	A+B+G+H		18	18	26	26	30	40	50	50		
B2. . HS	A+C	13	27	27	37	37	38	55	78	78		
	B+D	12	15	15	17	17	20	30	35	35		
B3. . HS	A+C	14	29	29	40	40	40	60	85	85		
	B+D		18	18	26	26	30	40	50	50		
B4. . HS	A+C		29	29	40	40	40	60	85	85		
	B+D		18	18	26	26	30	40	50	50		



Type	Arrangement	13	14	15	16	17	18	19	20	21	22	23	24	25	26
H2. . HS	A+B+G+H	150	150	160	205	205	205	365	372	395	400	470	465	460	530
	C+D	112	112	120	135	135	135	284	305	308	330	365	380	355	430
H3. . HS	A+B+G+H	190	190	200	265	265	265	365	372	395	400	470	465	460	530
	C+D	150	150	160	185	185	190	284	305	308	330	365	380	355	430
H4. . HS	C+D	190	190	200	265	265	265	365	372	395	400	470	465	460	530
	A+B+G+H	150	150	160	185	185	190	284	305	308	330	365	380	355	430
B2. . HS	A+C	160	160	170	210	210	210								
	B+D	110	110	115	145	145	145								
B3. . HS	A+C	190	190	200	265	265	265	365	372	395	400	470	465	460	530
	B+D	150	150	160	185	185	190	284	305	308	330	365	380	355	430
B4. . HS	A+C	190	190	200	265	265	265	365	372	395	400	470	465	460	530
	B+D	150	150	160	185	185	190	284	305	308	330	365	380	355	430

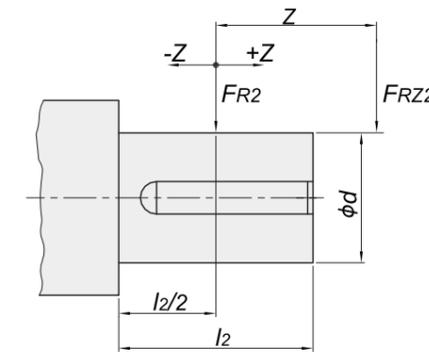
注: 1.如果给定了力的作用角和旋转方向,通常情况下,可允许承受较大的附加力。请与我司联系。  
2.\*允许的附加径向力FR2(KN), 作用于输出轴轴伸中部, 当作用力不在轴伸中部时, 请参见9.2。  
3.基础螺栓的最低性能等级为8.8级。基础必须干燥, 不得有油脂。如用户要求, 允许输入轴d1上附加径向力, 具体请与我司联系。

Note: 1. If the angle of applied force and the direction of rotation are given, higher additional force can mostly be allowed. Please consult us.  
2.\*Permissible Additional Radial Forces FR2(kN) acting on the center of the output shaft. For application of force outside the center of the shaft end, see 9.2.  
3. Lowest performance level of foundation bolt is 8.8. The foundation should be dry and grease free. If customers have requirements, radial force is allowed to be applied at input shaft d1. Please consult us.

9.2 输出轴d上允许的附加径向力 (作用力不在输出轴轴伸中部)

9.2 Additional radial force allowed on output shaft

作用力系数k		Applied force factor k																																		
Type	距离z/(mm)																		Distance z (mm)																	
	-300	-250	-200	-150	-100	-75	-50	-25	0	25	50	75	100	150	200	250	300	350	400																	
04							1.17	1.08	1	0.86	0.76	0.68	0.62	0.52	0.44																					
05/06						1.22	1.14	1.06	1	0.88	0.79	0.72	0.66	0.62	0.52	0.44																				
07/08						1.19	1.12	1.06	1	0.89	0.81	0.74	0.68	0.58	0.51	0.46	0.41																			
09/10					1.22	1.15	1.10	1.05	1	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	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	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	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	0.94	0.88	0.84	0.79	0.72	0.66	0.60	0.56																			
19/20			1.22	1.13	1.10	1.06	1.04	1.02	1	0.95	0.90	0.85	0.81	0.74	0.69	0.62	0.58																			
21/22		1.27	1.21	1.12	1.09	1.05	1.04	1.02	1	0.96	0.92	0.86	0.83	0.75	0.71	0.64	0.60																			
23/24		1.27	1.20	1.10	1.08	1.04	1.03	1.02	1	0.97	0.93	0.87	0.84	0.77	0.72	0.65	0.61																			
25/26	1.29	1.22	1.18	1.08	1.07	1.03	1.03	1.02	1	0.98	0.96	0.87	0.83	0.76	0.70	0.64	0.61	0.55	0.51																	



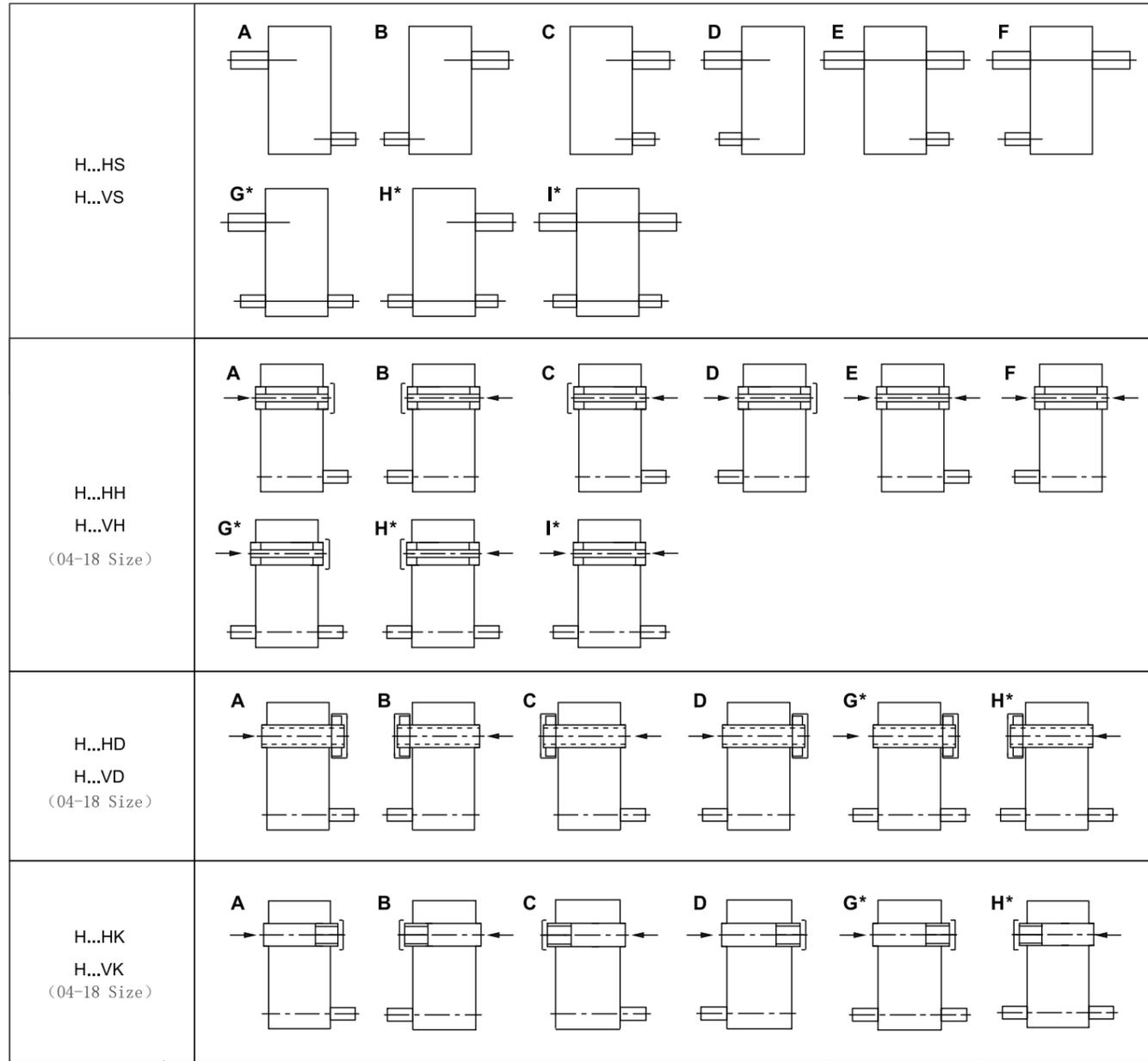
FR22 允许的外部径向力  
Permissible external radial force

FR2 允许的附加径向力根据9.1表确定。  
Permissible additional radial force Determined according to table 9.1

k 作用力系数根据下表确定  
Applied force factor should be determined according to the following table

**10 布置形式**  
10.1 H系列布置形式  
10.1.1 轴布置

**10 Shaft assemblies**  
10.1 H series shaft assemblies  
10.1.1 Shaft assemblies



Type	Size iN	Size										
		04	05	06	07	08	09	10	11	12	13	14
H2		1.8-4 6.3-14	6.3-14	2-4.5 6.3-14	6.3-14	2.24-5 6.3-14	2.24-5 6.3-14	6.3-14	2.24-5 6.3-14	3.55-5.6 6.3-14	6.3-14	3.15-14
H3		/	/	/	16-63						16-63	
H4		/	/	/	71-200			71-280			71-280	

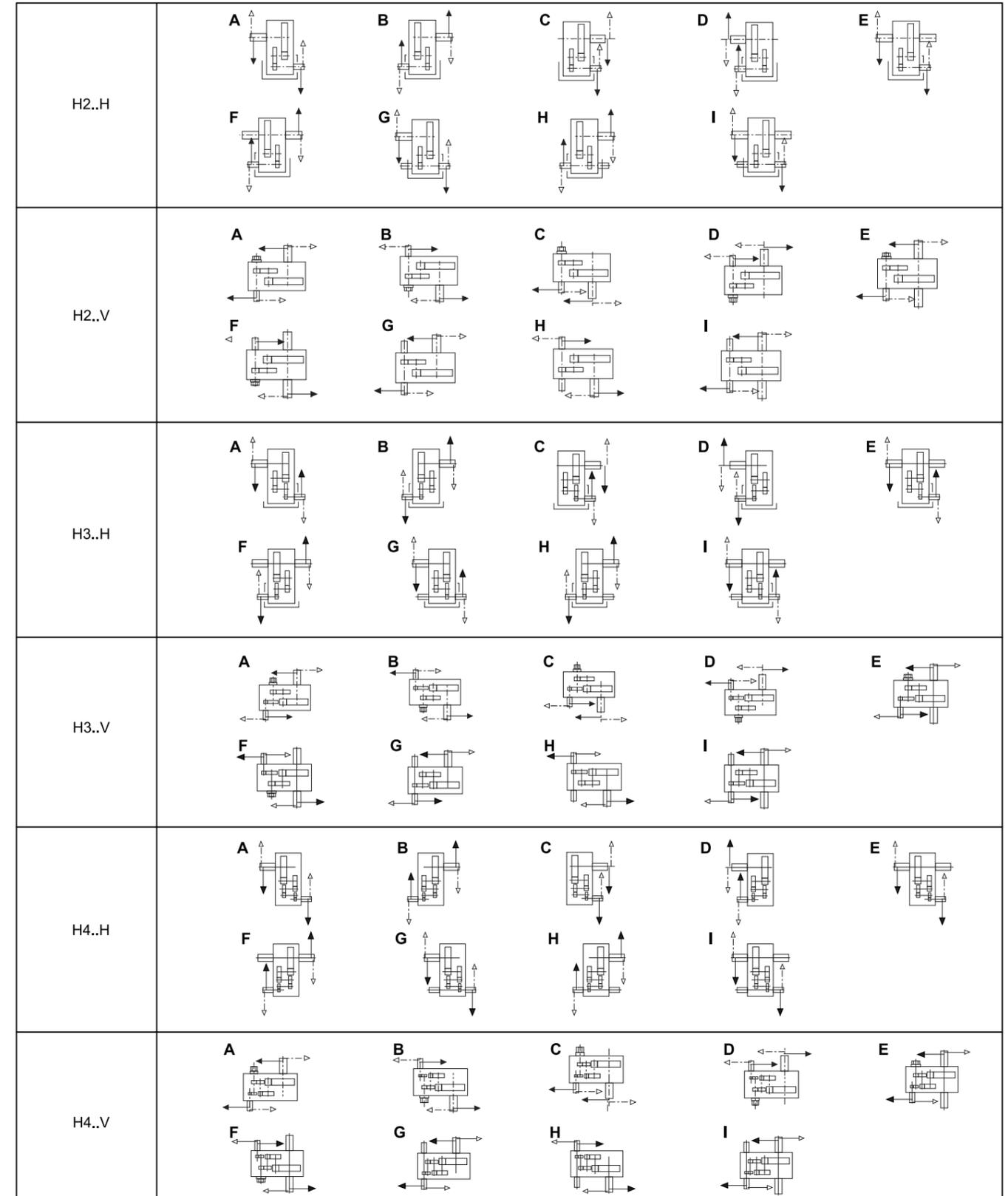
Type	Size iN	Size											
		15	16	17	18	19	20	21	22	23	24	25	26
H2		6.3-14	3.15-14	5.6-14	3.55-16	8-12.5	9-14	8-12.5	9-14	8-12.5	9-14	/	/
H3		16-63	14-56	16-63	16-56	16-56	18-56	20-63	18-56	20-63	/	/	
H4		71-280	63-250	71-280	71-250	71-280	71-280	63-250	71-280	63-250	63-250	63-250	

注：\*当布置形式G/H/在右表iN中可供。

Note: \*Shaft assemblies G/H/I is available when nominal ratio is within the range of value showed in right table.

10.1.2 旋转方向关系

10.1.2 Direction of rotation



注：齿轮箱可双向运转,图中“回”为轴端油泵。

Note: Direction of rotation is reversible, "回" is shaft end oil pump.

10.2 B系列布置形式  
10.2.1 轴布置

10.2 B series shaft assemblies  
10.2.1 Shaft assemblies

<p>B...HS B...VS</p>	
<p>B...HH B...VH (04-18 Size)</p>	
<p>B...HD B...VD (04-18 Size)</p>	
<p>B...HK B...VK (04-18 Size)</p>	

10.2.2 旋转方向关系

10.2.2 Direction of rotation

<p>B2..H</p>	
<p>B2..V</p>	
<p>B3..H</p>	
<p>B3..V</p>	
<p>B4..H</p>	
<p>B4..V</p>	

注：1. 齿轮箱可双向运转，图中“凹”为轴端油泵。  
2. B2空心输出以及B2实心输出 B/D/E/F布置形式时，不带轴端油泵和逆止器，若需安装，敬请垂询。

Note: 1. Direction of rotation is reversible, "凹" is shaft end oil pump.  
2. Two stage reduction B series gear unit is not equipped with backstop and shaft end oil pump when solid and hollow output shaft assemblies is B/D/E/F, please consult us if shaft end oil pump and backstop are needed.

10.3 逆止器布置及轴旋转方向关系

10.3 Backstop assemblies and direction of shaft rotation direction

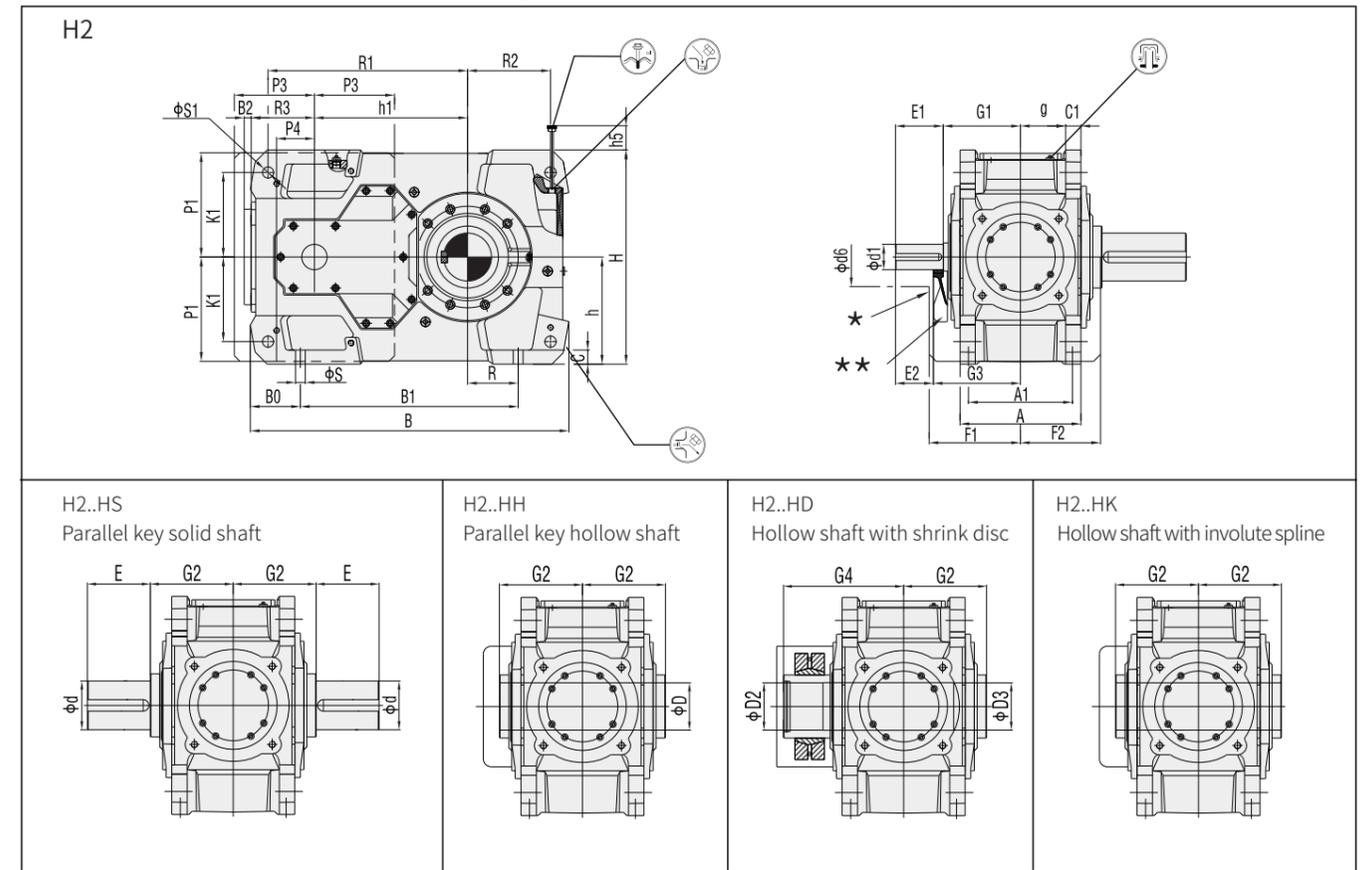
H3...S H3...H H3...D H3...K						
H4...S H4...H H4...D H4...K						
B2...S B2...H B2...D B2...K		/		/	/	/
B3...S B3...H B3...D B3...K						
B4...S B4...H B4...D B4...K						

注: 1. 齿轮箱配逆止器只能单向运转, 订货时需注明输出轴旋转方向。  
2. H2系列不装逆止器。  
3. 所有H/B系列轴端油泵与逆止器不共存若客户需同时安装, 敬请垂询。

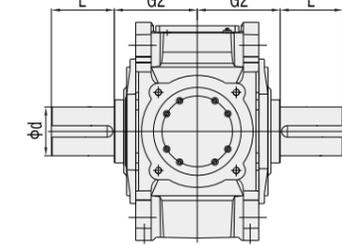
Note: 1. Gearbox with backstop only makes unidirectional rotation. Output shaft rotation direction has to be indicated when peing ordered.  
2. H2 series doesn't have backstop.  
3. Shaft end oil pump can not be installed with backstop for all HB series, please consult us if both shaftend oil pump and backstop needed to be installed.

11 外型尺寸  
H204H-H212H

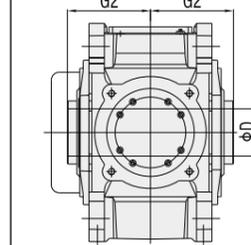
11 Outline dimension  
H204H-H212H



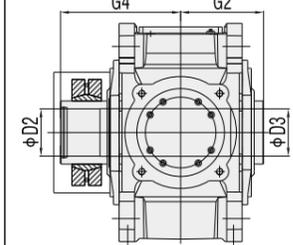
H2..HS  
Parallel key solid shaft



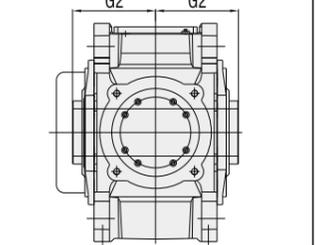
H2..HH  
Parallel key hollow shaft



H2..HD  
Hollow shaft with shrink disc



H2..HK  
Hollow shaft with involute spline



★ 风扇罩  
★★ 冷却风扇 (附件代号UF21)

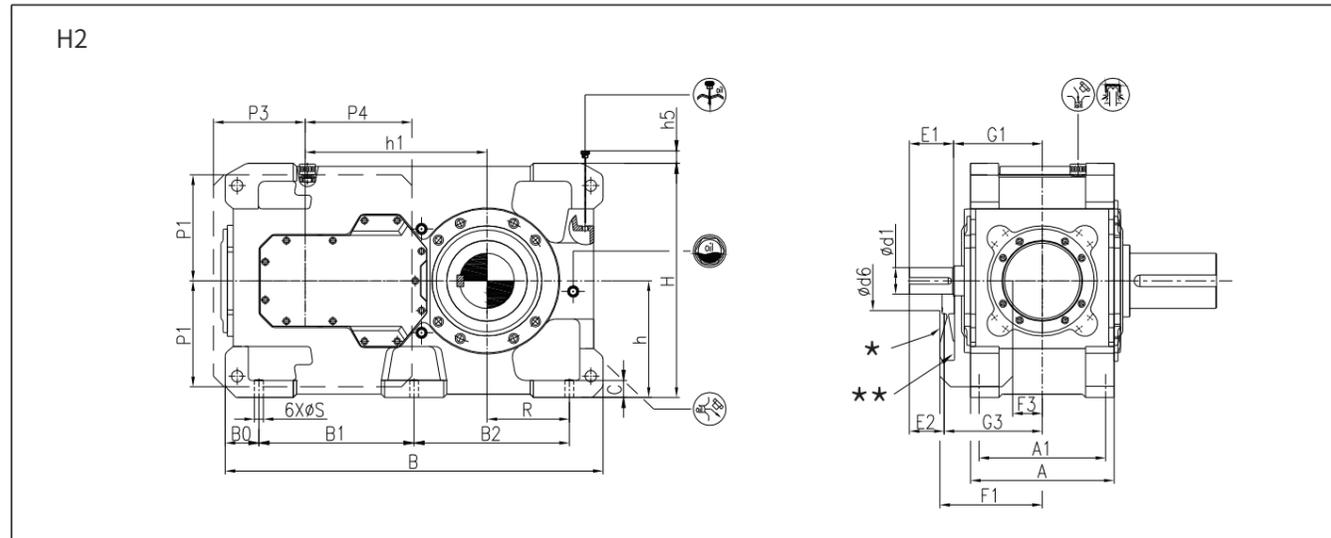
★ Fan guard  
★★ Cooling fan (Accessory code:UF21)

Size	iN≤3.15 (Size: 04) iN≤3.55 (Size: 06) iN≤4 (Size: 08,09,11) iN≤5.6 (Size: 12)			3.55≤iN≤5.6 (Size: 04) 4≤iN≤5.6 (Size: 06) 4.5≤iN≤5.6 (Size: 08,09,11) 4.5≤iN≤5.6 (Size: 08,09,11)			6.3≤iN≤11.2			12.5≤iN≤22.4			A	A1	B	B0	B1	B2	C	C1	d	d6	D	D2	D3	E
	d1	E1	E2	d1	E1	E2	d1	E1	E2	d1	E1	E2														
04	45k6	110	90	32k6	80	60	45k6	110	90	32k6	80	60	215	180	586	112	355	16	28	30±1	80m6	140	80H7	85H7	85H7	170
05	/	/	/	/	/	/	50k6	110	90	38k6	80	60	255	220	667	113	430	16	28	30±1	100m6	150	95H7	100H7	100H7	210
06	50k6	110	90	38k6	80	60	50k6	110	90	38k6	80	60	255	220	743	113	510	16	28	30±1	110m6	150	105H7	110H7	110H7	210
07	/	/	/	/	/	/	60m6	140	110	50k6	110	80	300	260	816	131	545	20	35	36±1	120m6	200	115H7	120H7	120H7	210
08	60m6	140	110	50k6	110	80	60m6	140	110	50k6	110	80	300	260	920	131	650	20	35	36±1	130m6	200	125H7	130H7	130H7	250
09	75m6	140	110	60m6	140	110	75m6	140	110	60m6	140	110	370	320	957	156	635	20	40	45±1.5	140m6	210	135H7	140H7	140H7	250
10	/	/	/	/	/	/	75m6	140	110	60m6	140	110	370	320	1062	156	735	20	40	45±1.5	160m6	210	150H7	150H7	150H7	300
11	90m6	170	135	70m6	140	105	90m6	170	135	70m6	140	105	430	370	1132	178	775	25	50	54±1.5	170m6	220	165H7	165H7	165H7	300
12	90m6	170	135	/	/	/	90m6	170	135	70m6	140	105	430	370	1292	178	930	25	50	54±1.5	180m6	220	180H7	180H7	180H7	300

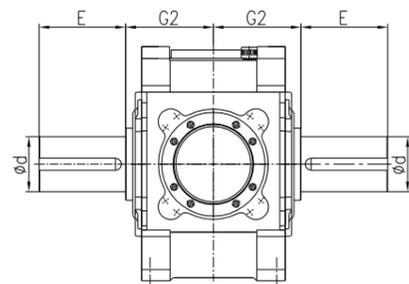
Size	F1	F2	G1	G2	G3	G4	g	H	h	h1	h5	K1	P1	P3	P4	R	R1	R2	R3	S	S1	Weight (kg)
04	205	160	170	140	190	205	77.5	405	200	270	15	150	195	155	40	85	345	160	110	19	24H9	195
05	230	180	195	165	215	240	97.5	460	230	315	15	180	225	165	55	100	405	175	130	19	24H9	310
06	230	180	195	165	215	240	97.5	490	230	350	0	180	225	165	55	145	440	220	130	19	24H9	385
07	255	210	210	195	240	280	114	560	280	385	0	215	270	220	70	130	500	215	160	24	28H9	519
08	255	210	210	195	240	285	114	580	280	430	0	215	270	220	70	190	545	275	160	24	28H9	624
09	285	245	240	235	270	330	140	640	320	450	10	245	310	240	95	155	585	260	185	28	36H9	828
10	285	245	240	235	270	350	140	670	320	500	0	245	310	240	95	205	635	310	185	28	36H9	1044
11	325	285	275	270	310	400	161	760	380	545	30	300	370	285	125	180	710	295	225	35	40H9	1371
12	325	285	275	270	310	405	161	783	380	615	5	300	370	285	125	265	780	380	225	35	40H9	1644

H213H-H218H

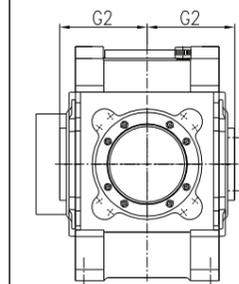
H213H-H218H



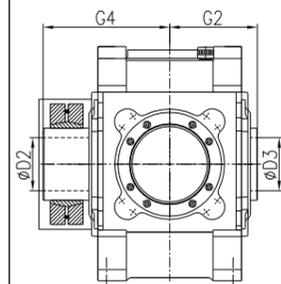
H2..HS  
Parallel key solid shaft



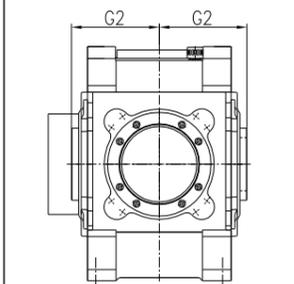
H2..HH  
Parallel key hollow shaft



H2..HD  
Hollow shaft with shrink disc



H2..HK  
Hollow shaft with involute spline



★ 风扇罩  
★★ 冷却风扇(附件代号UF21)

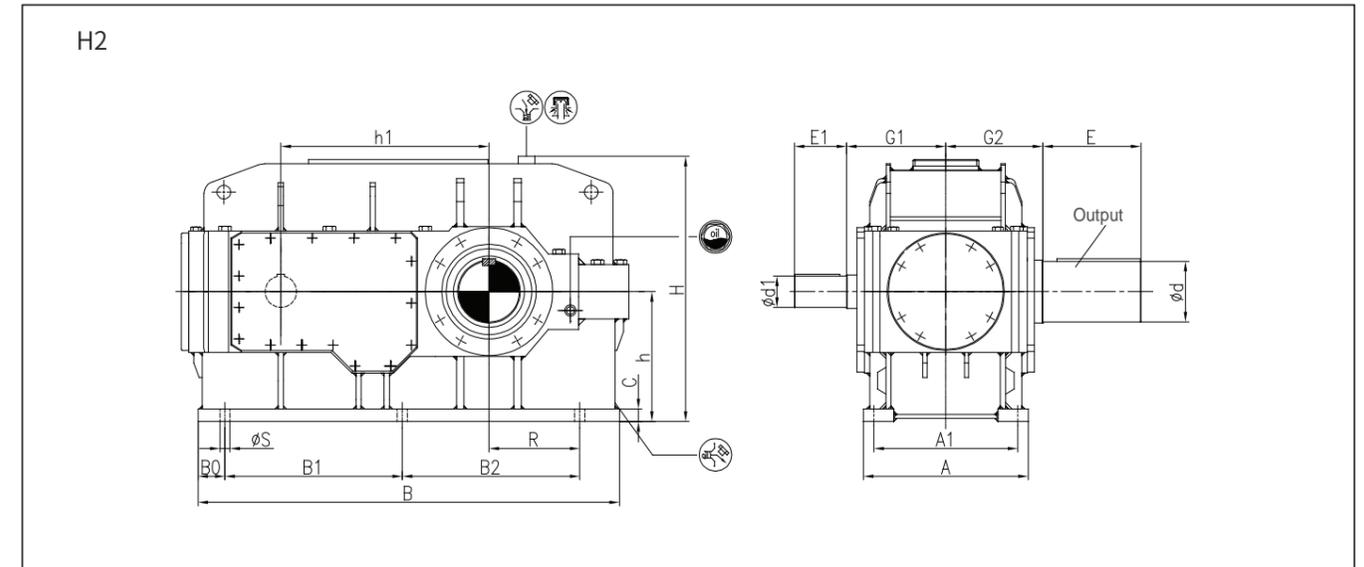
★ Fan guard  
★★ Cooling fan(Accessory code:UF21)

Size	iN=3.15-11.2			iN=3.15-12.5			iN=12.5-20			iN=14-20			A	A1	B	B0	B1	B2
	d1	E1	E2	d1	E1	E2	d1	E1	E2	d1	E1	E2						
13	100m6	210	175				85m6	170	135				545	475	1375	142	545	545
14	100m6	210	175				85m6	170	135				545	475	1505	137	545	685
15	120m6	210	175				100m6	210	175				620	535	1630	160	655	655
16	120m6	210	175				100m6	210	175				620	535	1720	160	655	745
17	125m6	210	165				110m6	210	165				680	600	1790	160	735	735
18				125m6	210	165				110m6	210	165	680	600	1910	160	735	855

Size	C	d	d6	D	D2	D3	E	F1	F3	G1	G2	G3	G4	H	h	h1	h5	P1	P3	P4	R	S	Weight (kg)
13	60	200m6	250	190H7	190H7	190H7	350	385	135	330	335	365	480	875	440	635	40	400	330	365	305	35	2075
14	60	220m6	250	210H7	210H7	210H7	350	385	135	330	335	365	480	940	440	705	40	400	330	365	375	35	2825
15	70	240m6	280	230H7	230H7	230H7	410	430	155	365	380	400	550	1000	500	762	40	450	370	440	365	42	3610
16	70	250m6	280	240H7	240H7	240H7	410	430	155	365	380	400	550	1035	500	808	40	450	370	440	410	42	3970
17	80	260n6	280	250H7	250H7	250H7	410	485	140	420	415	465	600	1105	550	860	60	500	435	505	390	42	4765
18	80	280n6	280	275H7	280H7	280H7	470	485	140	420	415	465	600	1110	550	920	60	500	435	505	450	42	5265

H219H~H226H

H219H~H226H

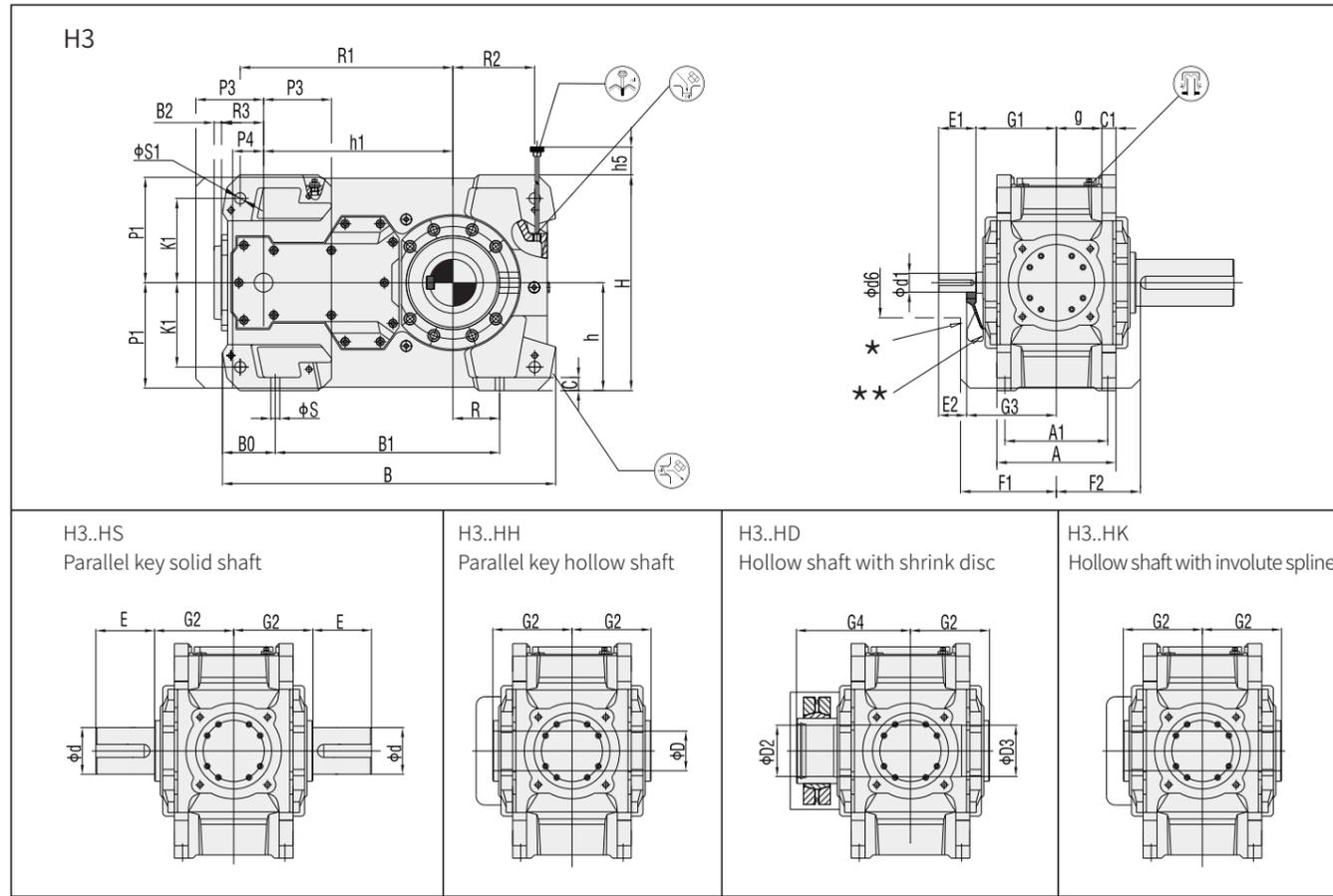


Size	iN=8~10		iN=9~11.2		iN=10		iN=11.2~18		iN=12.5~20		A	A1	B
	d1	E1	d1	E1	d1	E1	d1	E1	d1	E1			
19	150m6	250					120m6	210			790	690	2010
20			150m6	250					120m6	210	790	690	2130
21	170m6	300					140m6	250			830	720	2150
22			170m6	300					140m6	250	830	720	2260
23	190m6	350					150m6	250			930	810	2400
24			190m6	350					150m6	250	930	810	2540
25					200m6	350	170m6	300			1050	910	2695
26					200m6	350	170m6	300			1050	910	2855

Size	B0	B1	B2	C	d	E	G1	G2	H	h	h1	R	S	Weight (kg)
19	120	850	850	60	290n6	470	475	465	1270	620	997	435	48	6600
20	120	850	970	60	310n6	470	475	465	1270	620	1057	495	48	7600
21	155	900	900	70	330n6	550	495	490	1425	700	1067	485	56	9000
22	155	900	1010	70	350n6	550	495	490	1425	700	1122	540	56	9800
23	155	1010	1010	80	370n6	550	560	540	1565	780	1185	550	56	12500
24	155	1010	1140	80	390n6	650	560	540	1565	780	1250	615	56	14000
25	230	1090	1090	90	410n6	650	600	605	1785	860	1325	590	66	16800
26	230	1090	1270	90	430n6	650	600	605	1785	860	1415	680	66	18600

H305H-H312H

H305H-H312H



★ 风扇罩  
★★ 冷却风扇(附件代号UF21)

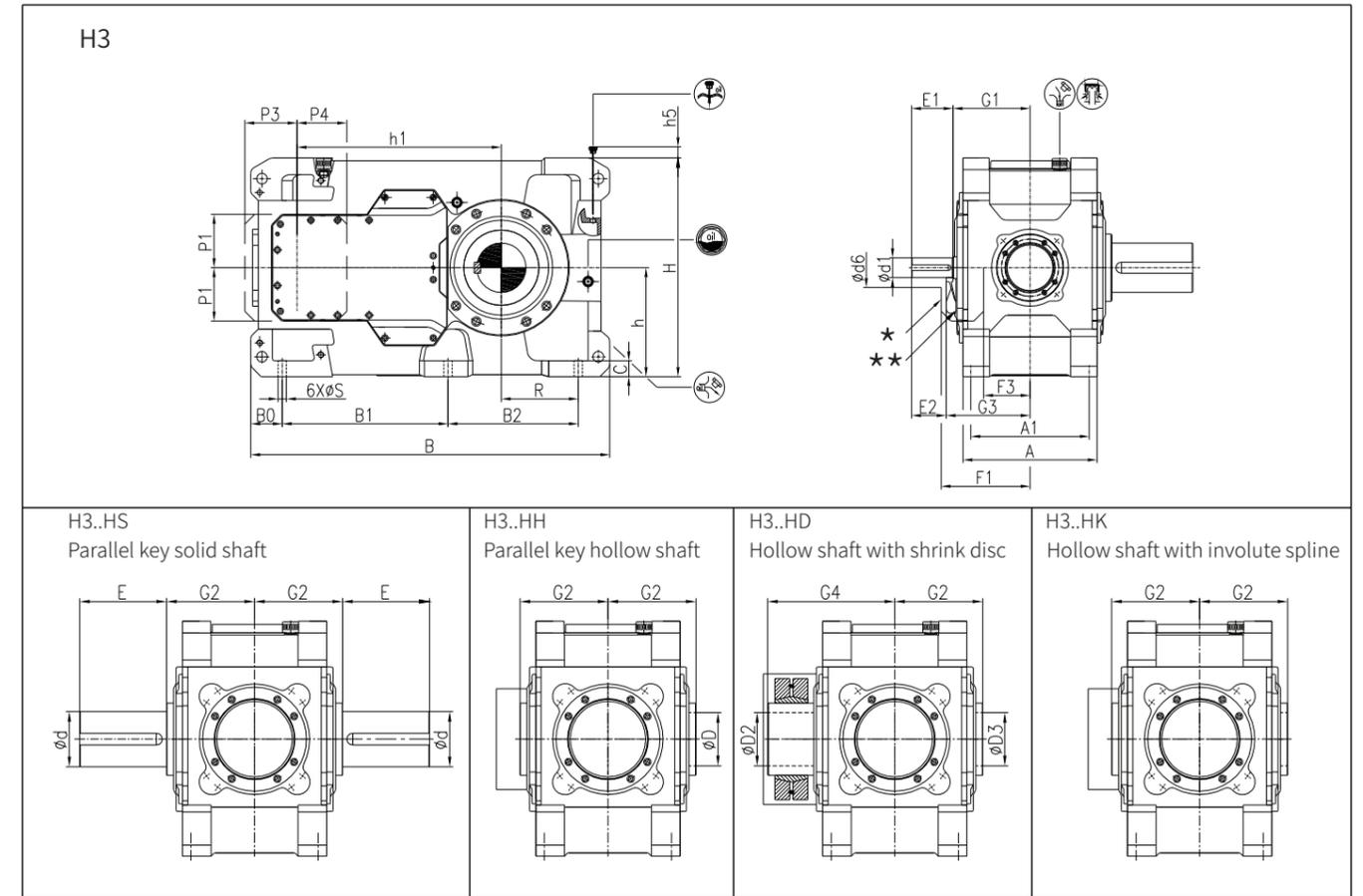
★ Fan guard  
★★ Cooling fan(Accessory code:UF21)

Size	iN ≤ 45			iN ≤ 50			iN ≥ 50			iN ≥ 56			A	A1	B	B0	B1	B2	C	C1	d	d6	D	D2	D3
	d1	E1	E2	d1	E1	E2	d1	E1	E2	d1	E1	E2													
05	40k6	80	60				30k6	60	40				255	220	713	113	480	16	28	30 ± 1	100m6	150	95H7	100H7	100H7
06	40k6	80	60				30k6	60	40				255	220	793	113	560	16	28	30 ± 1	110m6	150	105H7	110H7	110H7
07				45k6	110	80				35k6	80	50	300	260	876	131	605	16	35	36 ± 1	120m6	200	115H7	120H7	120H7
08				45k6	110	80				35k6	80	50	300	260	981	131	710	16	35	36 ± 1	130m6	200	125H7	130H7	130H7
09				60m6	140	110				45k6	110	80	370	320	1033	156	710	20	40	45 ± 1.5	140m6	210	135H7	140H7	140H7
10				60m6	140	110				45k6	110	80	370	320	1131	156	810	20	40	45 ± 1.5	160m6	210	150H7	150H7	150H7
11				70m6	140	105				50k6	110	75	430	370	1227	178	870	20	50	54 ± 1.5	170m6	220	165H7	165H7	165H7
12				70m6	140	105				50k6	110	75	430	370	1382	178	1025	20	50	54 ± 1.5	180m6	220	180H7	180H7	180H7

Size	E	F1	F2	G1	G2	G3	G4	g	H	h	h1	h5	K1	P1	P3	P4	R	R1	R2	R3	S	S1	Weight (kg)
05	210	205	180	170	165	190	240	97.5	460	230	405	40	180	225	145	55	100	455	175	90	19	24H9	324
06	210	205	180	170	165	190	240	97.5	490	230	440	10	180	225	145	55	145	490	220	90	19	24H9	403
07	210	255	210	210	195	240	280	114	560	280	495	0	215	270	220	70	130	560	215	110	24	28H9	558
08	250	255	210	210	195	240	285	114	580	280	540	0	215	270	220	70	190	605	275	110	24	28H9	663
09	250	285	245	240	235	270	330	140	640	320	580	15	245	310	240	95	155	660	260	130	28	36H9	899
10	300	285	245	240	235	270	350	140	670	320	630	0	245	310	240	95	205	710	310	130	28	36H9	1113
11	300	325	285	275	270	310	400	161	760	380	705	30	300	370	285	125	180	805	295	160	35	40H9	1481
12	300	325	285	275	270	310	405	161	783	380	775	5	300	370	285	125	265	875	380	160	35	40H9	1742

H313H-H318H

H313H-H318H



★ 风扇罩  
★★ 冷却风扇(附件代号UF21)

★ Fan guard  
★★ Cooling fan(Accessory code:UF21)

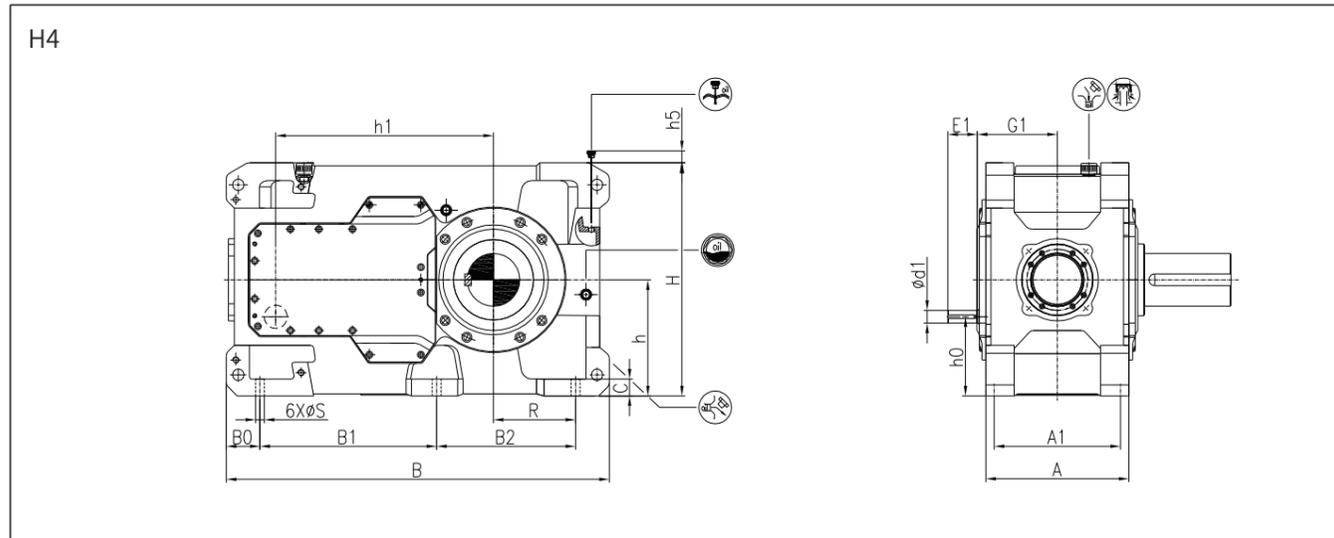
Size	iN=14-45			iN=16-50			iN=50-100			iN=56-100			iN=56-112			A	A1	B	B0	B1	B2	C
	d1	E1	E2	d1	E1	E2	d1	E1	E2	d1	E1	E2	d1	E1	E2							
13				85m6	170	130				60m6	140	100				545	475	1470	137	667.5	527.5	60
14				85m6	170	130				60m6	140	100				545	475	1610	137	667.5	667.5	60
15				100m6	210	165				75m6	140	95				620	535	1760	161	840	600	70
16				100m6	210	165				75m6	140	95				620	535	1850	160	840	690	70
17	100m6	210	165							75m6	140	95				680	600	1820	160	840	660	80
18				100m6	210	165				75m6	140	95				680	600	1940	160	840	780	80

Size	d	d6	D	D2	D3	E	F1	F3	G1	G2	G3	G4	H	h	h1	h5	P1	P3	P4	R	S	Weight (kg)
13	200m6	190	190H7	190H7	190H7	350	370	195	325	335	365	480	875	440	820	0	225	225	215	305	35	2355
14	220m6	190	210H7	210H7	210H7	350	370	195	325	335	365	480	940	440	890	40	225	225	215	375	35	2880
15	240m6	200	230H7	230H7	230H7	410	415	205	365	380	410	550	1000	500	987	60	270	265	252	365	42	3640
16	250m6	200	240H7	240H7	240H7	410	415	205	365	380	410	550	1035	500	1033	20	270	265	252	410	42	4195
17	260n6	200	250H7	250H7	250H7	410	450	235	400	415	445	600	1105	550	1035	60	270	265	252	390	42	4670
18	280n6	200	275H7	280H7	280H7	470	450	235	400	415	445	600	1110	550	1095	70	270	265	252	450	42	5165



H413H-H418H

H413H-H418H

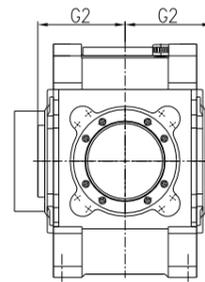
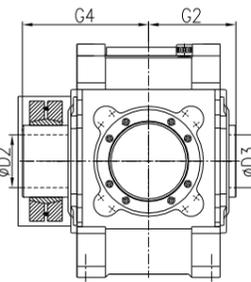
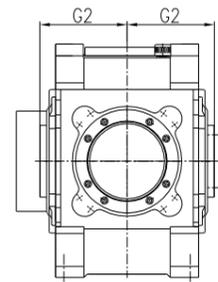
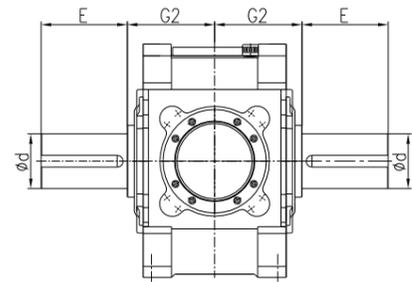


H4..HS  
Parallel key solid shaft

H4..HH  
Parallel key hollow shaft

H4..HD  
Hollow shaft with shrink disc

H4..HK  
Hollow shaft with involute spline

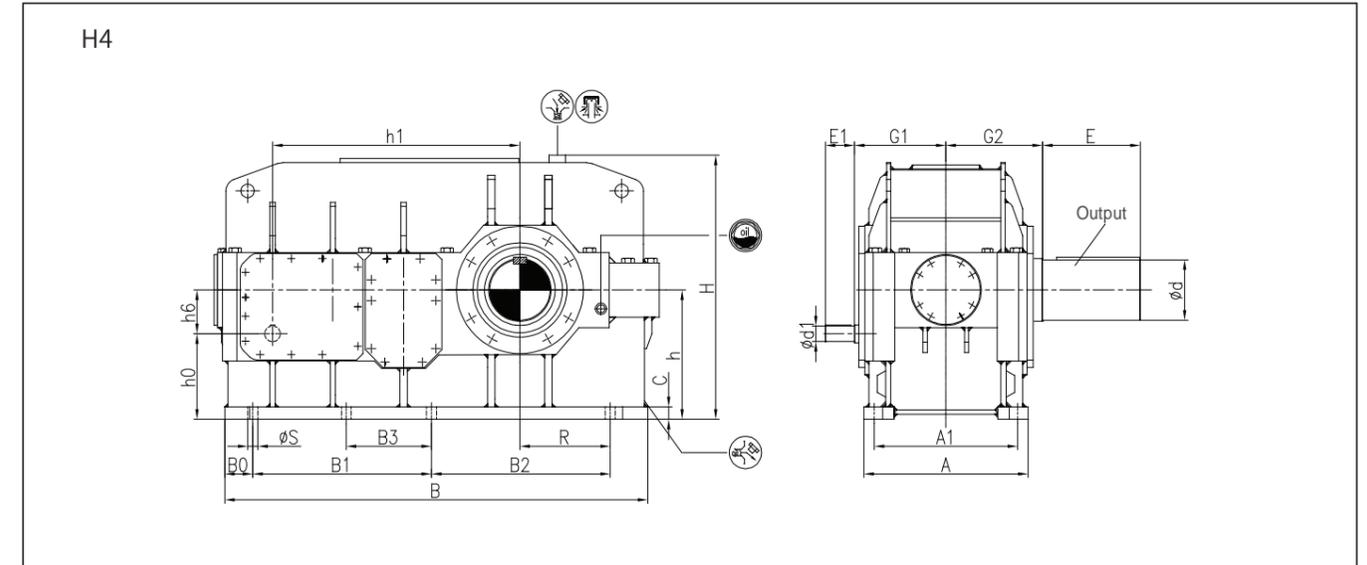


Size	iN=63-200		iN=71-224		iN=224-400		iN=250-450		A	A1	B	B0	B1	B2	C	d
	d1	E1	d1	E1	d1	E1	d1	E1								
13			50k6	110			38k6	80	545	475	1470	137	667.5	527.5	60	200m6
14			50k6	110			38k6	80	545	475	1610	137	667.5	667.5	60	220m6
15			60m6	140			50k6	110	620	535	1760	161	840	600	70	240m6
16			60m6	140			50k6	110	620	535	1850	160	840	690	70	250m6
17	60m6	140			50k6	110			680	600	1820	160	840	660	80	260n6
18			60m6	140			50k6	110	680	600	1940	160	840	780	80	280n6

Size	D	D2	D3	E	G1	G2	G4	H	h	h0	h1	h5	R	S	Weight (kg)
13	190H7	190H7	190H7	350	305	335	480	875	440	300	820	0	305	35	2450
14	210H7	210H7	210H7	350	305	335	480	940	440	300	890	40	375	35	2995
15	230H7	230H7	230H7	410	345	380	550	1000	500	325	987	60	365	42	3810
16	240H7	240H7	240H7	410	345	380	550	1035	500	325	1033	20	410	42	4290
17	250H7	250H7	250H7	410	380	415	600	1105	550	375	1035	60	390	42	4795
18	275H7	280H7	280H7	470	380	415	600	1110	550	375	1095	70	450	42	5325

H419H~H426H

H419H~H426H

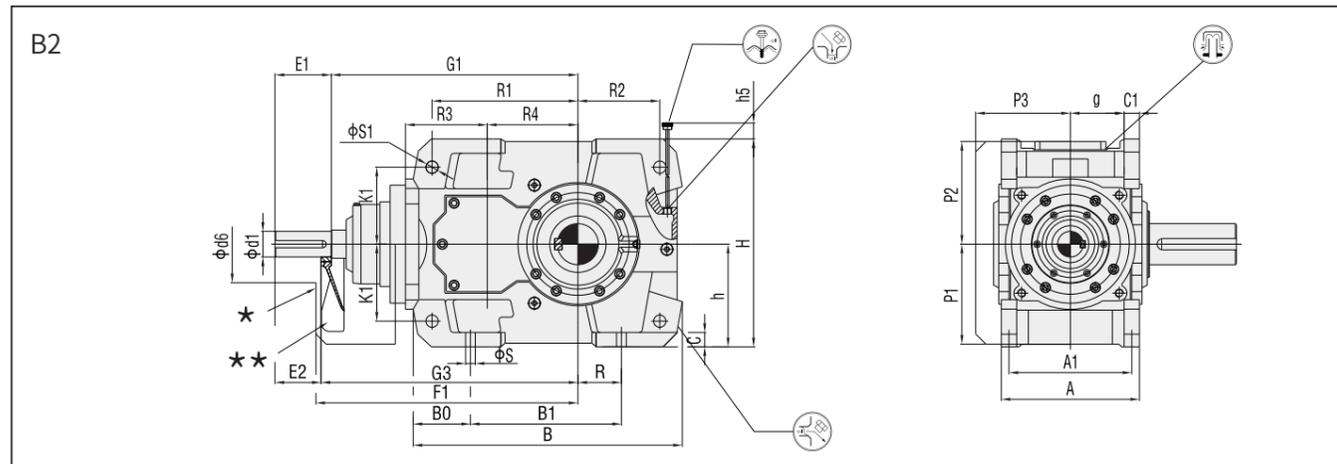


Size	iN=63-200		iN=71-200		iN=71-224		iN=224-355		iN=224-400		iN=250-450		A	A1	B	B0
	d1	E1	d1	E1	d1	E1	d1	E1	d1	E1	d1	E1				
19			75m6	140					60m6	140			790	690	2035	135
20					75m6	140					60m6	140	790	690	2165	135
21			90m6	170					70m6	140			830	720	2375	155
22					90m6	170					70m6	140	830	720	2465	155
23	90m6	170							70m6	140			930	810	2560	180
24					90m6	170					70m6	140	930	810	2715	180
25	100m6	210					85m6	170					1050	910	2890	175
26	100m6	210					85m6	170					1050	910	3050	175

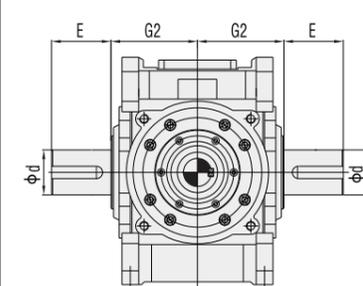
Size	B1	B2	B3	C	d	E	G1	G2	H	h	h0	h1	h6	R	S	Weight (kg)
19	860	860	/	60	290m6	470	440	465	1270	620	410	1190	210	435	48	6800
20	860	980	/	60	310m6	470	440	465	1270	620	410	1250	210	495	48	8300
21	1000	1000	/	70	330m6	550	460	490	1425	700	444	1387	256	485	56	9300
22	1000	1110	/	70	350m6	550	460	490	1425	700	444	1442	256	540	56	10100
23	1185	985	545	80	370m6	550	505	540	1565	780	524	1505	256	550	56	12600
24	1185	1115	545	80	390m6	650	505	540	1565	780	524	1570	256	615	56	14600
25	1350	1080	640	90	410m6	650	565	605	1785	860	568	1695	292	590	66	17400
26	1350	1260	565	90	430m6	650	565	605	1785	860	568	1785	292	680	66	19000

B204H-B212H

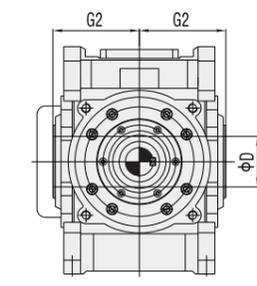
B204H-B212H



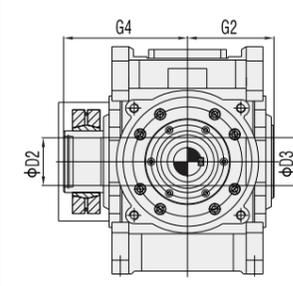
B2..HS  
Parallel key solid shaft



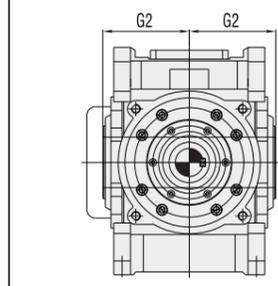
B2..HH  
Parallel key hollow shaft



B2..HD  
Hollow shaft with shrink disc



B2..HK  
Hollow shaft with involute spline



★ 风扇罩  
★★ 冷却风扇(附件代号UF21)

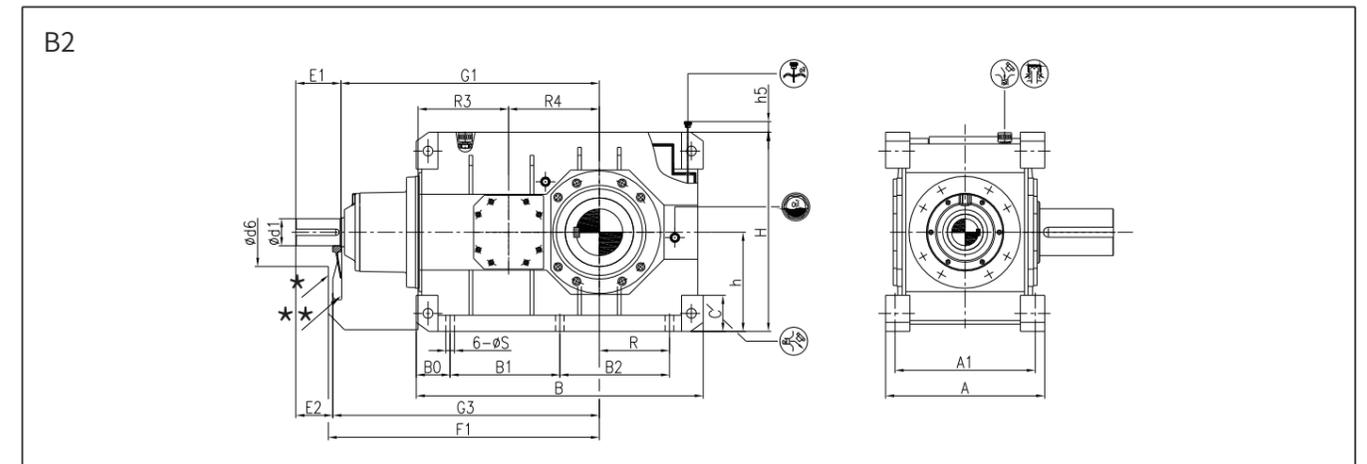
★ Fan guard  
★★ Cooling fan(Accessory code:UF21)

Size	iN ≦ 14			A	A1	B	B0	B1	C	C1	d	d6	D	D2	D3	E	F1
	d1	E1	E2														
04	50k6	110	90	270	235	530	125	295	28	30 ± 1	80m6	150	80H7	85H7	85H7	170	517
05	60m6	140	110	320	285	595	130	355	28	30 ± 1	100m6	160	95H7	100H7	100H7	210	596
06	60m6	140	110	320	285	680	135	435	28	30 ± 1	110m6	160	105H7	110H7	110H7	210	635
07	75m6	140	110	380	340	725	145	450	35	36 ± 1	120m6	210	115H7	120H7	120H7	210	705
08	75m6	140	110	380	340	825	140	555	35	36 ± 1	130m6	210	125H7	130H7	130H7	250	745
09	85m6	170	135	440	390	860	175	530	40	48 ± 1.5	140m6	220	135H7	140H7	140H7	250	805
10	85m6	170	135	440	390	970	185	630	40	48 ± 1.5	160m6	220	150H7	150H7	150H7	300	865
11	95m6	170	135	530	470	1030	205	645	50	54 ± 1.5	170m6	250	165H7	165H7	165H7	300	1005
12	95m6	170	135	530	470	1165	185	800	50	54 ± 1.5	180m6	250	180H7	180H7	180H7	300	1055

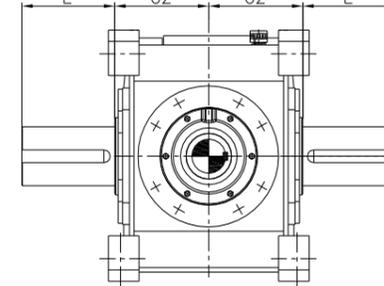
Size	G1	G2	G3	G4	g	H	h	h5	K1	P1	P2	P3	R	R1	R2	R3	R4	S	S1H9	Weight (kg)
04	482	140	502	205	105	400	200	15	150	195	200	185	85	285	160	160	177	19	24H9	217
05	551	165	581	240	130	460	230	30	180	220	235	215	100	330	175	185	201	19	24H9	349
06	590	165	620	240	130	490	230	0	180	220	235	215	145	365	220	185	240	19	24H9	437
07	660	195	690	280	154	560	280	35	215	270	285	250	130	405	215	225	240	24	28H9	599
08	700	195	730	285	154	580	280	25	215	270	285	250	190	450	275	225	280	24	28H9	723
09	755	235	790	330	172	640	320	10	245	310	325	250	155	480	260	265	280	28	36H9	921
10	815	235	850	350	172	670	320	0	245	310	325	250	205	530	310	265	340	28	36H9	1158
11	945	270	980	400	211	760	380	55	300	370	385	330	180	580	295	320	340	35	40H9	1516
12	995	270	1030	405	211	783	380	30	300	370	385	330	265	650	380	320	390	35	40H9	1833

B213H-B218H

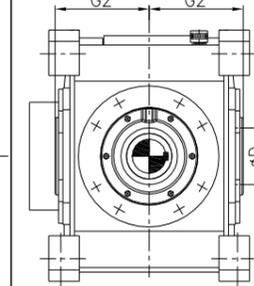
B213H-B218H



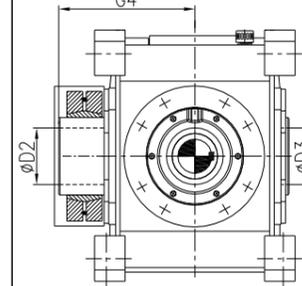
B2..HS  
Parallel key solid shaft



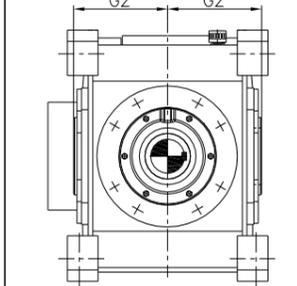
B2..HH  
Parallel key hollow shaft



B2..HD  
Hollow shaft with shrink disc



B2..HK  
Hollow shaft with involute spline



★ 风扇罩  
★★ 冷却风扇(附件代号UF21)

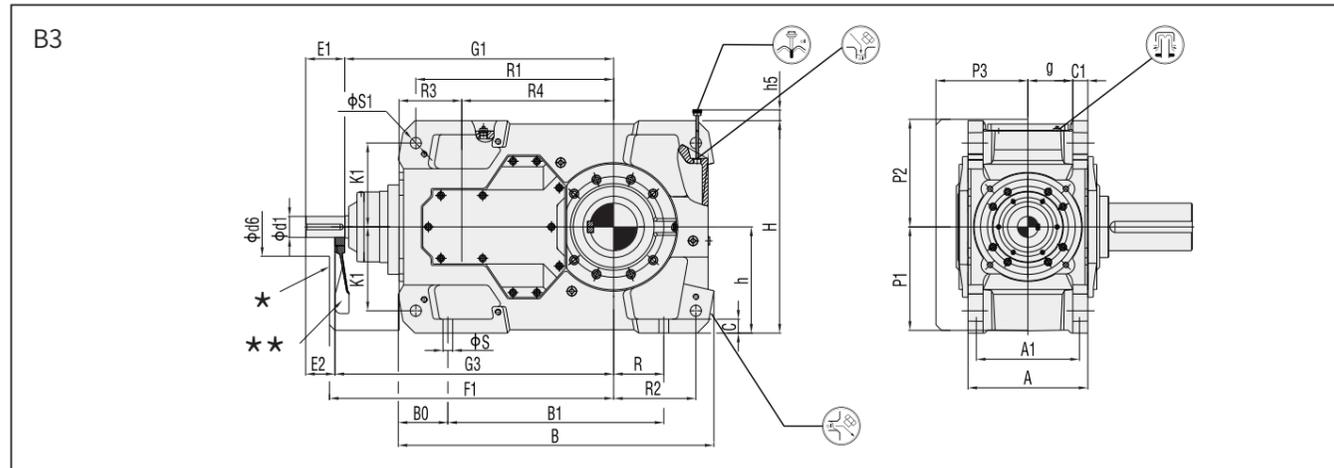
★ Fan guard  
★★ Cooling fan(Accessory code:UF21)

Size	iN=6.3-14			iN=7.1-14			A	A1	B	B0	B1	B2	C	d	d6	D	D2	D3
	d1	E1	E2	d1	E1	E2												
13	115m6	210	175				655	580	1205	137	465	465	60	200m6	245	190H7	190H7	190H7
14	115m6	210	175				655	580	1345	137	465	605	60	220m6	245	210H7	210H7	210H7
15	140m6	250	200				765	670	1430	160	555	555	70	240m6	280	230H7	230H7	230H7
16	140m6	250	200				765	670	1520	160	555	645	70	250m6	280	240H7	240H7	240H7
17	150m6	250	200				885	780	1595	188	610	610	80	260n6	380	250H7	250H7	250H7
18				150m6	250	200	885	780	1715	188	610	730	80	280n6	380	275H7	280H7	280H7

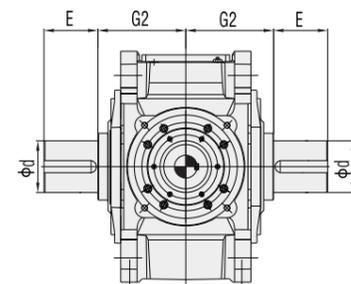
Size	E	F1	G1	G2	G3	G4	H	h	h5	P1	P2	P3	R	R3	R4	S	Weight (kg)
13	350	1175	1092	335	1127	480	870	440	60	430	450	375	305	370	392	35	2530
14	350	1245	1170	335	1205	480	885	440	20	430	450	375	375	370	470	35	2945
15	410	1385	1305	380	1355	550	1000	500	20	490	495	435	365	442	470	42	4230
16	410	1430	1330	380	1380	550	1035	500	60	490	495	435	410	442	495	42	4750
17	410	1520	1450	415	1500	600	1105	550	40	540	555	505	390	490	505	48	5990
18	470	1580	1515	415	1565	600	1110	550	100	540	555	505	450	490	570	48	6555

B304H-B312H

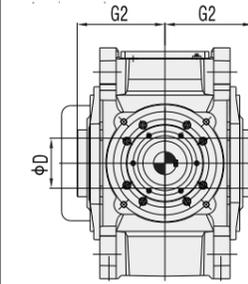
B304H-B312H



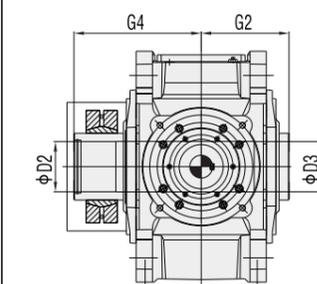
B3..HS  
Parallel key solid shaft



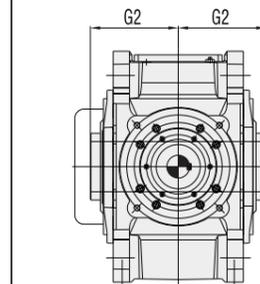
B3..HH  
Parallel key hollow shaft



B3..HD  
Hollow shaft with shrink disc



B3..HK  
Hollow shaft with involute spline



★ 风扇罩  
★★ 冷却风扇(附件代号UF21)

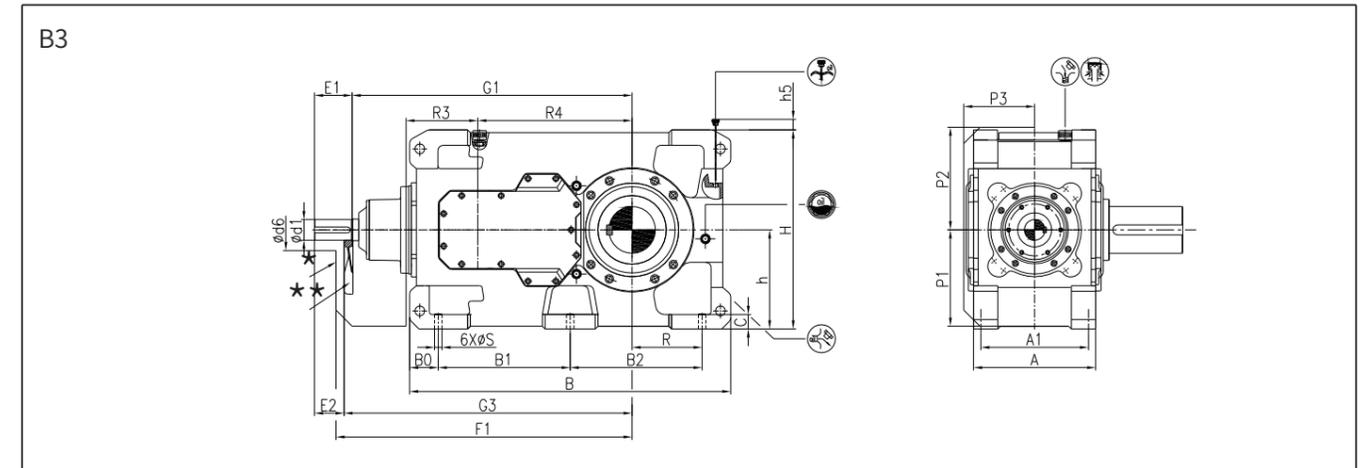
★ Fan guard  
★★ Cooling fan(Accessory code:UF21)

Size	iN ≤ 63			iN ≥ 71			A	A1	B	B0	B1	C	C1	d	d6	E	F1	D	D2	D3
	d1	E1	E2	d1	E1	E2														
04	35k6	80	60	30k6	60	40	215	180	586	112	355	28	30 ± 1	80m6	150	170	530	80H7	85H7	85H7
05	45k6	110	80	35k6	80	50	255	220	667	113	430	28	30 ± 1	100m6	160	210	620	95H7	100H7	100H7
06	45k6	110	80	35k6	80	50	255	220	743	113	510	28	30 ± 1	110m6	160	210	655	105H7	110H7	110H7
07	50k6	110	90	40k6	80	60	300	260	816	131	545	35	36 ± 1	120m6	210	210	720	115H7	120H7	120H7
08	50k6	110	90	40k6	80	60	300	260	920	131	650	35	36 ± 1	130m6	210	250	765	125H7	130H7	130H7
09	60m6	140	110	50k6	110	80	370	320	957	156	635	40	45 ± 1.5	140m6	220	250	845	135H7	140H7	140H7
10	60m6	140	110	50k6	110	80	370	320	1062	156	735	40	45 ± 1.5	160m6	220	300	895	150H7	150H7	150H7
11	75m6	140	115	60m6	140	115	430	370	1132	178	775	50	54 ± 1.5	170m6	210	300	1010	165H7	165H7	165H7
12	75m6	140	115	60m6	140	115	430	370	1292	178	930	50	54 ± 1.5	180m6	210	300	1080	180H7	180H7	180H7

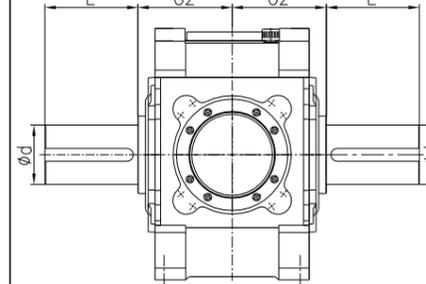
Size	G1	G2	G3	G4	g	H	h	h5	K1	P1	P2	P3	R	R1	R2	R3	R4	S	S1	Weight (kg)
04	500	140	520	205	77.5	400	200	15	150	195	200	185	85	345	160	110	270	19	24H9	210
05	575	165	605	240	97.5	460	230	15	180	220	235	215	100	405	175	130	315	19	24H9	337
06	610	165	640	240	97.5	490	230	0	180	220	235	215	145	440	220	130	350	19	24H9	412
07	690	195	710	280	114	560	280	0	215	270	285	250	130	500	215	160	385	24	28H9	555
08	735	195	755	285	114	580	280	0	215	270	285	250	190	545	275	160	430	24	28H9	660
09	800	235	830	330	140	640	320	10	245	310	325	250	155	585	260	185	450	28	36H9	891
10	850	235	880	350	140	670	320	0	245	310	325	250	205	635	310	185	500	28	36H9	1106
11	965	270	990	400	161	760	380	30	300	370	385	330	180	710	295	225	545	35	40H9	1484
12	1035	270	1060	405	161	783	380	5	300	370	385	330	265	780	380	225	615	35	40H9	1757

B313H-B318H

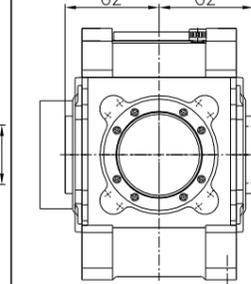
B313H-B318H



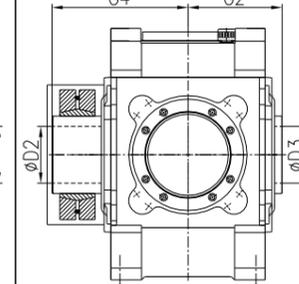
B3..HS  
Parallel key solid shaft



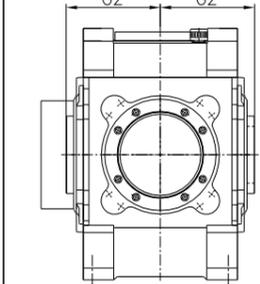
B3..HH  
Parallel key hollow shaft



B3..HD  
Hollow shaft with shrink disc



B3..HK  
Hollow shaft with involute spline



★ 风扇罩  
★★ 冷却风扇(附件代号UF21)

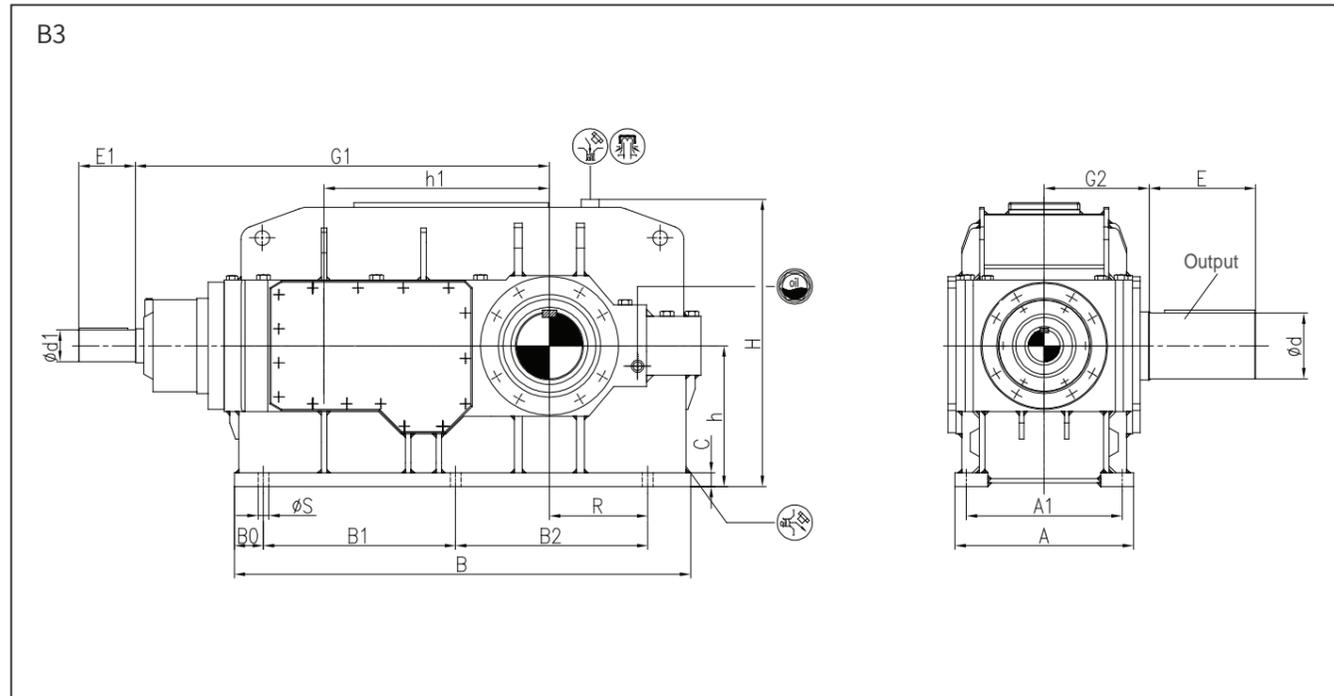
★ Fan guard  
★★ Cooling fan(Accessory code:UF21)

Size	iN=16-56			iN=16-63			iN=63-80			iN=71-90			A	A1	B	B0	B1	B2	C	d	d6
	d1	E1	E2																		
13				85m6	170	135				70m6	140	105	545	475	1375	142	545	545	60	200m6	210
14				85m6	170	135				70m6	140	105	545	475	1505	137	545	685	60	220m6	210
15				95m6	170	135				75m6	140	105	620	535	1630	160	655	655	70	240m6	210
16				95m6	170	135				75m6	140	105	620	535	1720	160	655	745	70	250m6	210
17	115m6	210	175				90m6	170	135				680	600	1790	160	735	735	80	260n6	230
18				115m6	210	175				90m6	170	135	680	600	1910	160	735	855	80	280n6	230

Size	D	D2	D3	E	F1	G1	G2	G3	G4	H	h	h5	P1	P2	P3	R	R3	R4	S	Weight (kg)
13	190H7	190H7	190H7	350	1165	1110	335	1145	480	875	440	40	425	435	325	305	265	635	35	2470
14	210H7	210H7	210H7	350	1235	1180	335	1215	480	940	440	40	425	435	325	375	265	705	35	3025
15	230H7	230H7	230H7	410	1420	1367	380	1402	550	1000	500	40	485	520	365	365	320	762	42	3925
16	240H7	240H7	240H7	410	1470	1413	380	1448	550	1035	500	40	485	520	365	410	320	808	42	4295
17	250H7	250H7	250H7	410	1620	1560	415	1595	600	1105	550	60	535	570	395	390	370	860	42	5110
18	275H7	280H7	280H7	470	1680	1620	415	1655	600	1110	550	60	535	570	395	450	370	920	42	5645

B319H~B326H

B319H~B326H

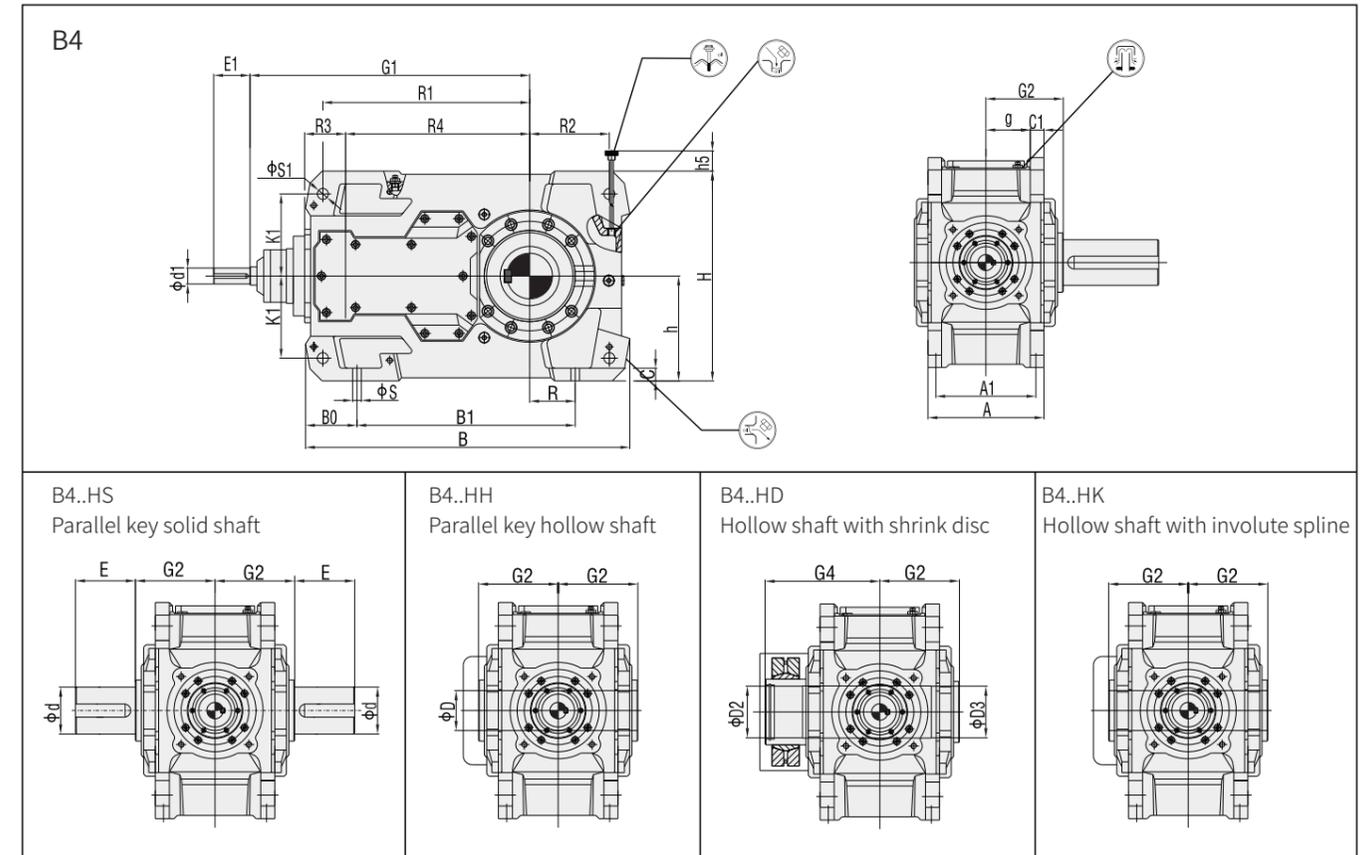


Size	iN=16~56		iN=16~63		iN=18~56		iN=20~56		iN=20~63		iN=22. 4~56		iN=22. 4~63		iN=63~80		iN=63~90		iN=71~90		
	d1	E1	d1	E1	d1	E1	d1	E1	d1	E1	d1	E1									
19	140m6	250														110m6	210				
20			140m6	250															110m6	210	
21					140m6	250											110m6	210			
22									140m6	250									110m6	210	
23							150m6	250							115m6	210					
24											150m6	250							115m6	210	
25										170m6	300				130m6	250					
26										170m6	300				130m6	250					

Size	A	A1	B	B0	B1	B2	C	d	E	G1	G2	H	h	h1	R	S	Weight (kg)
19	790	690	2010	120	850	850	60	290m6	470	1832	465	1270	620	997	435	48	7000
20	790	690	2130	120	850	970	60	310m6	470	1892	465	1270	620	1057	495	48	8300
21	830	720	2150	155	900	900	70	330m6	550	1902	490	1425	700	1067	485	56	9400
22	830	720	2260	155	900	1010	70	350m6	550	1957	490	1425	700	1122	540	56	10000
23	930	810	2400	155	1010	1010	80	370m6	550	2130	540	1565	780	1185	550	56	12500
24	930	810	2540	155	1010	1140	80	390m6	650	2195	540	1565	780	1250	615	56	14500
25	1050	910	2695	230	1090	1090	90	410m6	650	2375	605	1785	860	1325	590	66	17300
26	1050	910	2855	230	1090	1270	90	430m6	650	2465	605	1785	860	1415	680	66	19000

B405H~B412H

B405H~B412H

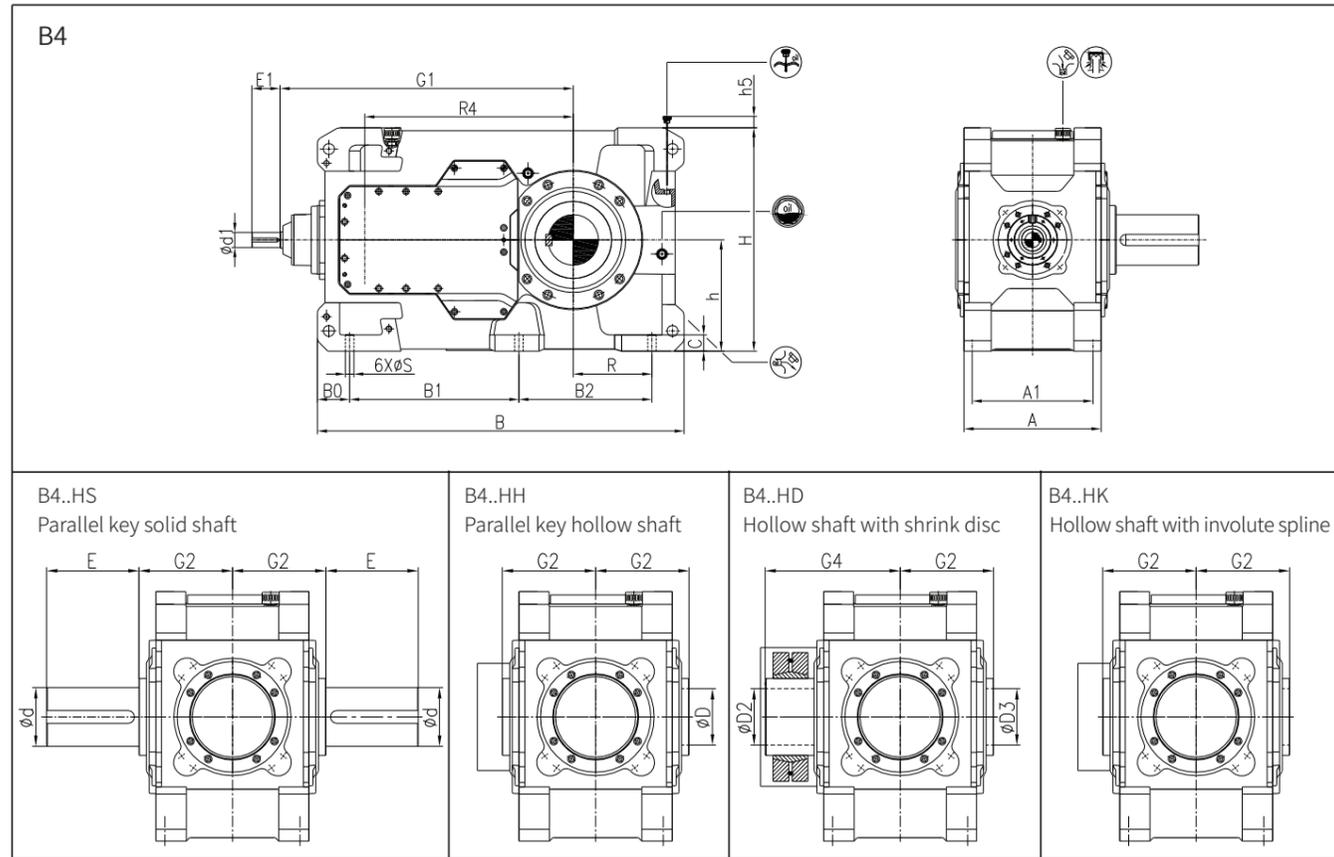


Size	iN ≤ 250		iN ≤ 280		iN ≥ 280		iN ≥ 315		A	A1	B	B0	B1	C	C1	d	D
	d1	E1	d1	E1	d1	E1	d1	E1									
05			35k6	80			25k6	50	255	220	713	113	480	28	30 ± 1	100m6	95H7
06			35k6	80			25k6	50	255	220	793	113	560	28	30 ± 1	110m6	105H7
07			35k6	80			30k6	60	300	260	876	131	605	35	36 ± 1	120m6	115H7
08			35k6	80			30k6	60	300	260	981	131	710	35	36 ± 1	130m6	125H7
09	45k6	110			35k6	80			370	320	1033	156	710	40	45 ± 1.5	140m6	135H7
10	45k6	110			35k6	80			370	320	1131	156	810	40	45 ± 1.5	160m6	150H7
11			50k6	110			40k6	80	430	370	1227	178	870	50	54 ± 1.5	170m6	165H7
12			50k6	110			40k6	80	430	370	1382	178	1025	50	54 ± 1.5	180m6	180H7

Size	D2	D3	E	G1	G2	G4	g	H	h	h5	K1	R	R1	R2	R3	R4	S	S1	Weight (kg)
05	100H7	100H7	210	615	165	240	97.5	460	230	40	180	100	455	175	90	405	19	24H9	337
06	110H7	110H7	210	650	165	240	97.5	490	230	10	180	145	490	220	90	440	19	24H9	416
07	120H7	120H7	210	725	195	280	114	560	280	0	215	130	560	215	110	495	24	28H9	573
08	130H7	130H7	250	770	195	285	114	580	280	0	215	190	605	275	110	540	24	28H9	677
09	140H7	140H7	250	840	235	330	140	640	320	15	245	155	660	260	130	580	28	36H9	925
10	150H7	150H7	300	890	235	350	140	670	320	0	245	205	710	310	130	630	28	36H9	1139
11	165H7	165H7	300	1010	270	400	161	760	380	30	300	180	805	295	160	705	35	40H9	1514
12	180H7	180H7	300	1080	270	405	161	783	380	5	300	265	875	380	160	775	35	40H9	1775

B413H-B418H

B413H-B418H

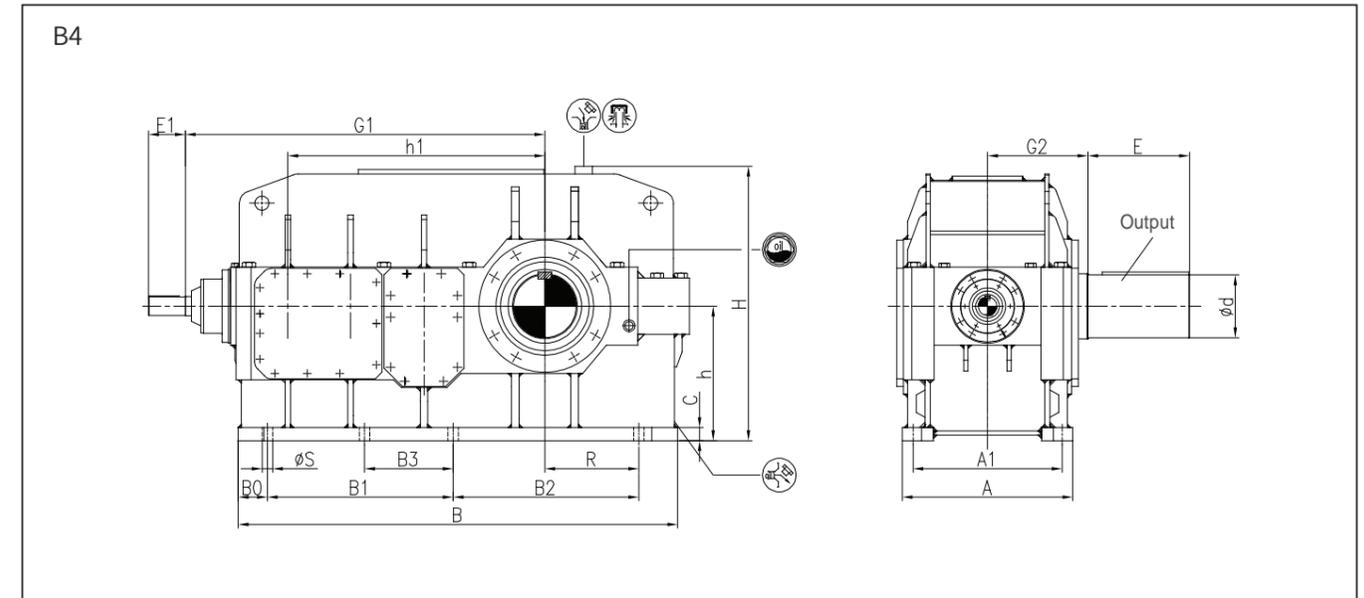


Size	iN=90~250		iN=100~280		iN=280~355		iN=315~400		A	A1	B	B0	B1	B2	C
	d1	E1	d1	E1	d1	E1	d1	E1							
13			60m6	140			50k6	110	545	475	1470	137	667.5	527.5	60
14			60m6	140			50k6	110	545	475	1610	137	667.5	667.5	60
15			75m6	140			60m6	140	620	535	1760	161	840	600	70
16			75m6	140			60m6	140	620	535	1850	160	840	690	70
17	75m6	140			60m6	140			680	600	1820	160	840	660	80
18			75m6	140			60m6	140	680	600	1940	160	840	780	80

Size	d	D	D2	D3	E	G1	G2	G4	H	h	h5	R	R4	S	Weight (kg)
13	200m6	190H7	190H7	190H7	350	1170	335	480	875	440	0	305	820	35	2455
14	220m6	210H7	210H7	210H7	350	1240	335	480	940	440	40	375	890	35	3000
15	240m6	230H7	230H7	230H7	410	1407	380	550	1000	500	60	365	987	42	3805
16	250m6	240H7	240H7	240H7	410	1453	380	550	1035	500	20	410	1033	42	4315
17	260n6	250H7	250H7	250H7	410	1455	415	600	1105	550	60	390	1035	42	4810
18	280n6	275H7	280H7	280H7	470	1515	415	600	1110	550	70	450	1095	42	5340

B419H~B426H

B419H~B426H

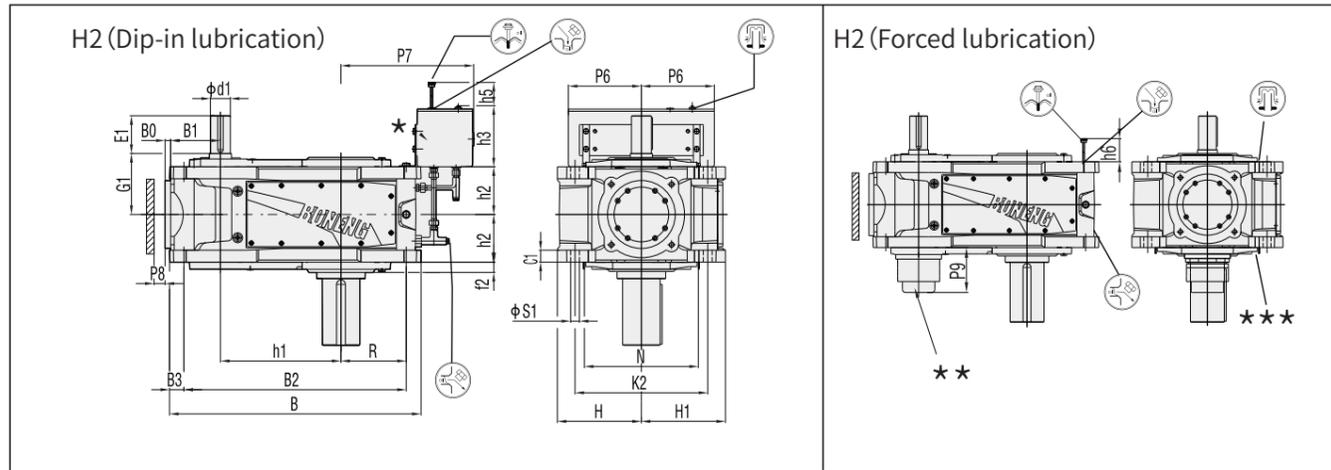


Size	iN=90~250		iN=100~250		iN=100~280		iN=280~355		iN=280~400		iN=315~400		A	A1	B
	d1	E1	d1	E1	d1	E1	d1	E1	d1	E1	d1	E1			
19			85m6	170			70m6	140					790	690	2035
20					85m6	170					70m6	140	790	690	2165
21			95m6	170					75m6	140			830	720	2375
22					95m6	170					75m6	140	830	720	2465
23	95m6	170					75m6	140					930	810	2560
24					95m6	170					75m6	140	930	810	2715
25	115m6	210					90m6	170					1050	910	2890
26	115m6	210					90m6	170					1050	910	3050

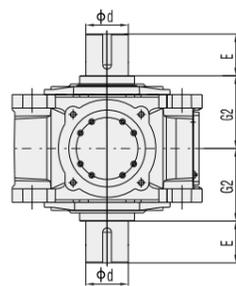
Size	B0	B1	B2	B3	C	d	E	G1	G2	H	h	h1	R	S	Weight (kg)
19	135	860	860	/	60	290n6	470	1665	465	1270	620	1190	435	48	6800
20	135	860	980	/	60	310n6	470	1725	465	1270	620	1250	495	48	8300
21	155	1000	1000	/	70	330n6	550	1992	490	1425	700	1387	485	56	9300
22	155	1000	1110	/	70	350n6	550	2047	490	1425	700	1442	540	56	10100
23	180	1185	985	545	80	370n6	550	2110	540	1565	780	1505	550	56	12600
24	180	1185	1115	545	80	390n6	650	2175	540	1565	780	1570	615	56	14600
25	175	1350	1080	640	90	410n6	650	2395	605	1785	860	1695	590	66	17400
26	175	1350	1260	565	90	430n6	650	2485	605	1785	860	1785	680	66	19000

H204V-H212V

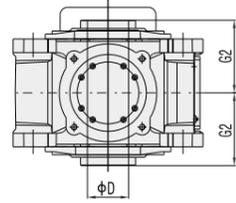
H204V-H212V



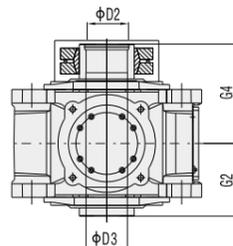
H2.VS  
Parallel key solid shaft



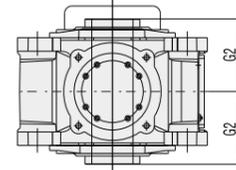
H2.VH  
Parallel key hollow shaft



H2.VD  
Hollow shaft with shrink disc



H2.VK  
Hollow shaft with involute spline



\* 补偿油箱(附件代号:US33)  
\*\* 油泵(附件代号US31)  
\*\*\* 安装面

\* Compensation oil tank (Accessory code:US33)  
\*\* Oil Pump(Accessory code:US31)  
\*\*\* Mounting position

Size	iN≤3.15 (Size:04) iN≤3.55 (Size:06) iN≤4 (Size:08, 09, 11) iN≤5.6 (Size:12)		3.55≤iN≤5.6 (Size:04) 4≤iN≤5.6 (Size:06) 4.5≤iN≤5.6 (Size:08, 09, 11)		6.3≤iN≤11.2		12.5≤iN≤22.4		B	B0	B1	B2	B3	C1	d	D	D2	D3	E	f2
	d1	E1	d1	E1	d1	E1	d1	E1												
04	45k6	110	32k6	80	45k6	110	32k6	80	586	16	110	505	37	30±1	80m6	80H7	85H7	85H7	170	35
05	/	/	/	/	50k6	110	38k6	80	667	16	130	580	38	30±1	100m6	95H7	100H7	100H7	210	30
06	50k6	110	38k6	80	50k6	110	38k6	80	743	16	130	660	38	30±1	110m6	105H7	110H7	110H7	210	30
07	/	/	/	/	60m6	140	50k6	110	816	20	160	715	46	36±1	120m6	115H7	120H7	120H7	210	35
08	60m6	140	50k6	110	60m6	140	50k6	110	920	20	160	820	46	36±1	130m6	125H7	130H7	130H7	250	35
09	75m6	140	60m6	140	75m6	140	60m6	140	957	20	185	845	51	45±1.5	140m6	135H7	140H7	140H7	250	35
10	/	/	/	/	75m6	140	60m6	140	1062	20	185	945	51	45±1.5	160m6	150H7	150H7	150H7	300	35
11	90m6	170	70m6	140	90m6	170	70m6	140	1132	25	225	1005	63	54±1.5	170m6	165H7	165H7	165H7	300	42
12	90m6	170	/	/	90m6	170	70m6	140	1292	25	225	1160	63	54±1.5	180m6	180H7	180H7	180H7	300	42

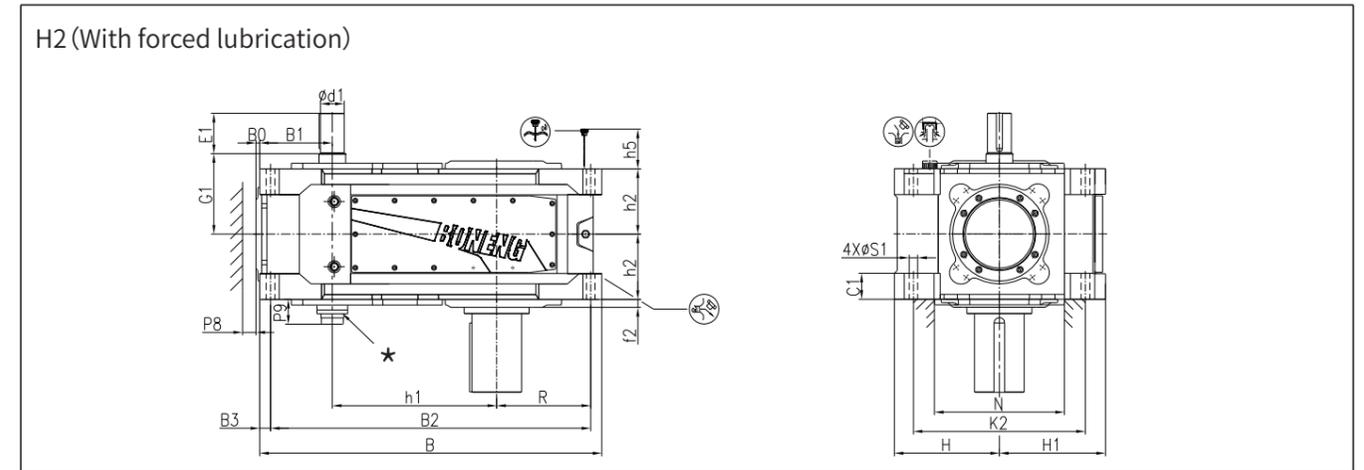
Size	G1	G2	G4	H	H1	h1	h2	h3	h5	h6	K2	N	P6	P7	P8	P9	R	S1	Weight (kg)
04	170	140	205	200	200	270	107.5	175	140	85	300	250	150	340	35	132	160	24H9	195
05	195	165	240	230	230	315	127.5	210	160	105	360	310	240	405	35	145	175	24H9	310
06	195	165	240	230	260	350	127.5	210	160	105	360	310	240	450	35	145	220	24H9	385
07	210	195	280	280	280	385	150	210	160	120	430	360	240	445	35	143	215	28H9	519
08	210	195	285	280	300	430	150	210	160	120	430	360	240	505	35	143	275	28H9	624
09	240	235	330	320	320	450	185	285	200	155	490	410	330	585	40	135	260	36H9	828
10	240	235	350	320	350	500	185	285	200	155	490	430	330	635	40	135	310	36H9	1044
11	275	270	400	380	380	545	215	285	200	150	600	500	330	620	50	142	295	40H9	1371
12	275	270	405	380	410	615	215	285	200	150	600	500	330	705	50	142	380	40H9	1644

\*默认安装面为下表面,以上表面为安装面请在订货时注明。

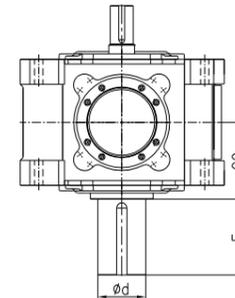
\*The general mounting is up position,if down mounting position, please mention in the order.

H213V-H218V

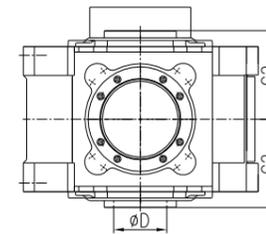
H213V-H218V



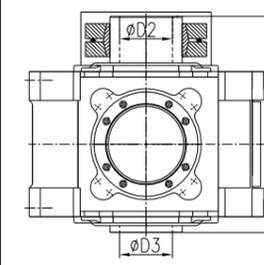
H2.VS  
Parallel key solid shaft



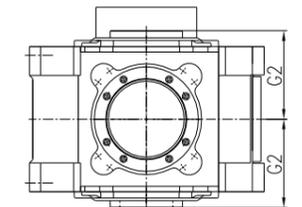
H2.VH  
Parallel key hollow shaft



H2.VD  
Hollow shaft with shrink disc



H2.VK  
Hollow shaft with involute spline



\* 油泵(附件代号US31)

\* Oil Pump(Accessory code:US31)

Size	iN=3.15-11.2		iN=3.15-12.5		iN=12.5-20		iN=14-20		B	B0	B1	B2	B3	C1	d	D
	d1	E1	d1	E1	d1	E1	d1	E1								
13	100m6	210			85m6	170			1375	0	292	1270	52	105±2	200m6	190H7
14	100m6	210			85m6	170			1505	2	287	1410	47	105±2	220m6	210H7
15	120m6	210			100m6	210			1630	7	343	1515	57	125±2	240m6	230H7
16	120m6	210			100m6	210			1720	8	342	1605	57	125±2	250m6	240H7
17	125m6	210			100m6	210			1790	20	380	1675	57	135±2	260n6	250H7
18			125m6	210			110m6	210	1910	20	380	1795	57	135±2	280n6	275H7

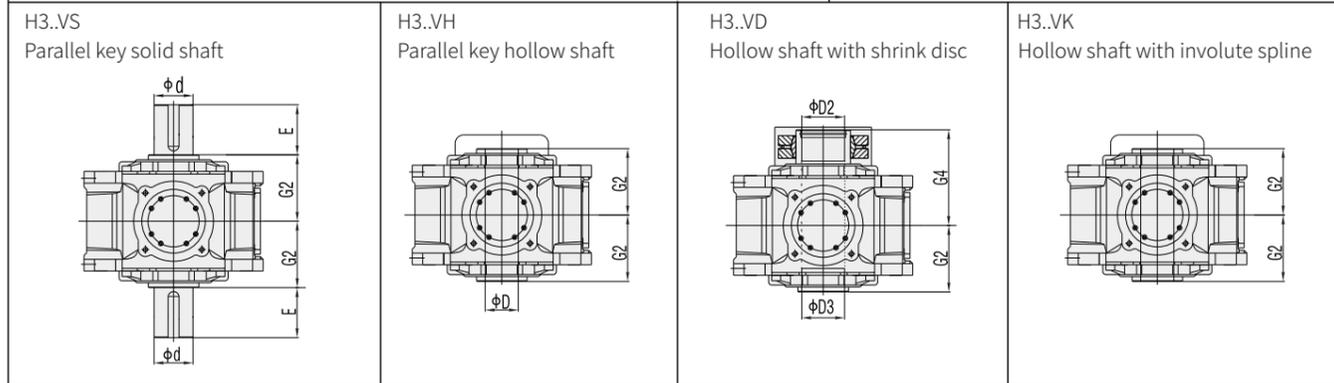
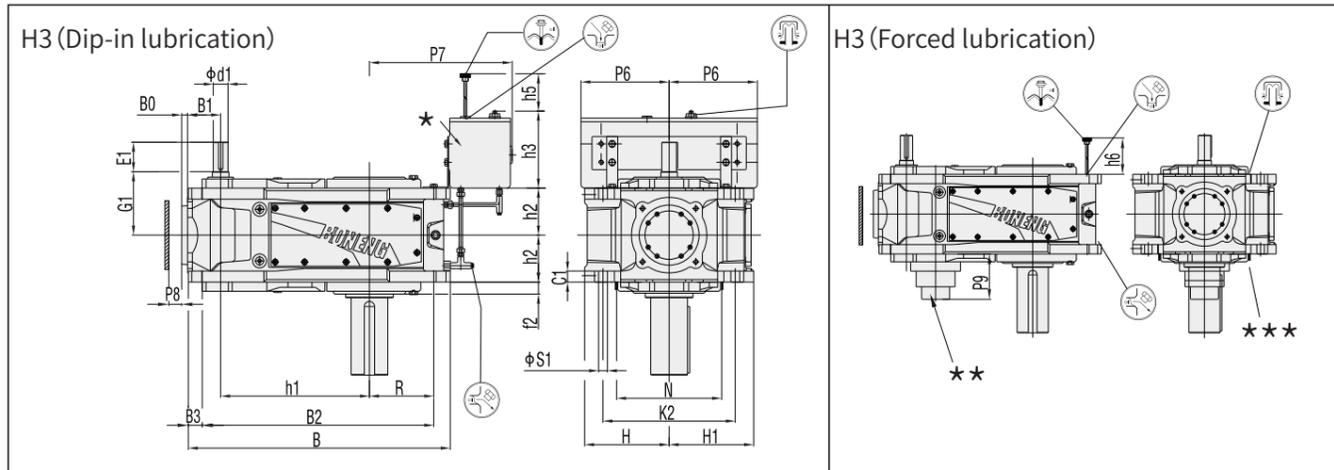
Size	D2	D3	E	f2	G1	G2	G4	H	H1	h1	h2	h5	K2	N	P8	P9	R	S1	Weight (kg)
13	190H7	190H7	350	35	330	335	480	440	435	635	272.5	210	720	550	50	130	395	48	2075
14	210H7	210H7	350	35	330	335	480	440	500	705	272.5	210	740	570	50	130	465	48	2825
15	230H7	230H7	410	32	365	380	550	500	500	762	310	230	820	640	50	130	467	55	3610
16	240H7	240H7	410	32	365	380	550	500	535	808	310	230	860	650	50	130	512	55	3970
17	250H7	250H7	410	42	420	415	600	550	555	860	340	250	900	690	70	170	492	55	4765
18	280H7	280H7	470	42	420	415	600	550	560	920	340	250	900	710	70	170	552	55	5265

\*默认安装面为下表面,以上表面为安装面请在订货时注明。

\*The general mounting is up position,if down mounting position, please mention in the order.

H305V-H312V

H305V-H312V



- ★ 补偿油箱(附件代号:US33)
- ★★ 油泵(附件代号US31)
- ★★★ 安装面
- ★ Compensation oil tank (Accessory code:US33)
- ★★ Oil Pump(Accessory code:US31)
- ★★★ Mounting position

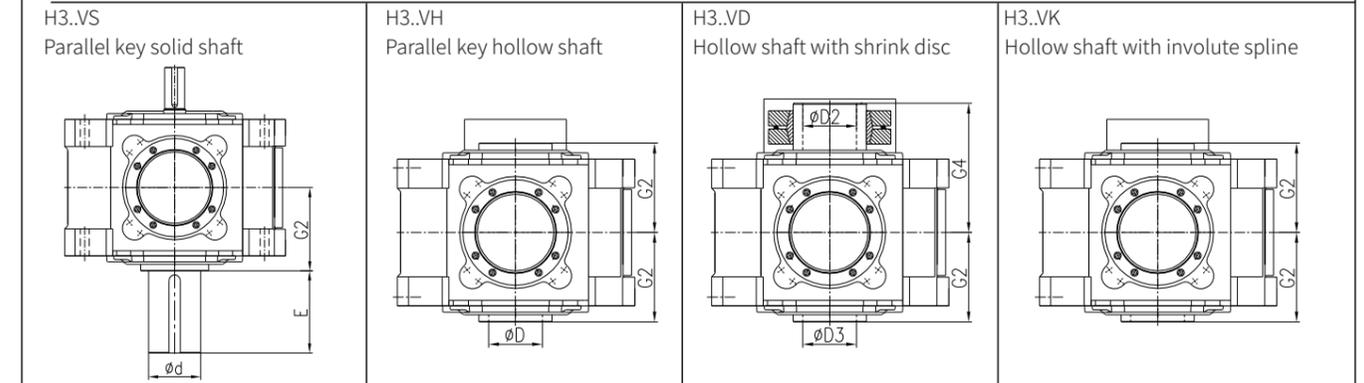
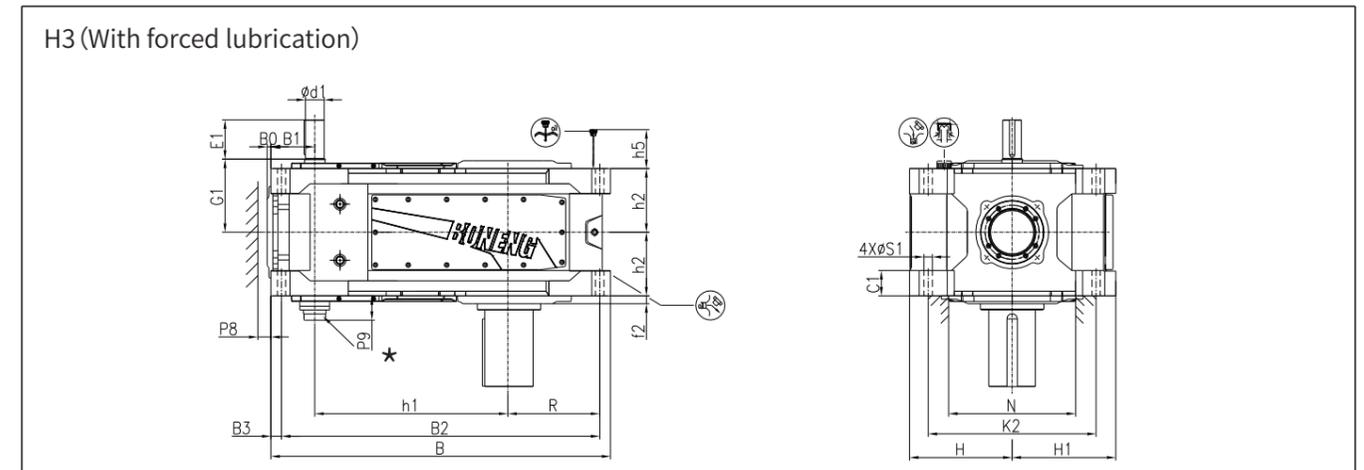
Size	iN ≤ 45		iN ≤ 50		iN ≥ 50		iN ≥ 56		B	B0	B1	B2	B3	C1	d	D	D2	D3
	d1	E1	d1	E1	d1	E1	d1	E1										
05	40k6	80			30k6	60			713	16	90	630	38	30 ± 1	100m6	95H7	100H7	100H7
06	40k6	80			30k6	60			793	16	90	710	38	30 ± 1	110m6	105H7	110H7	110H7
07			45k6	110			35k6	80	876	16	110	775	46	36 ± 1	120m6	115H7	120H7	120H7
08			45k6	110			35k6	80	981	16	110	880	46	36 ± 1	130m6	125H7	130H7	130H7
09			60m6	140			45k6	110	1033	20	130	920	51	45 ± 1.5	140m6	135H7	140H7	140H7
10			60m6	140			45k6	110	1131	20	130	1020	51	45 ± 1.5	160m6	150H7	150H7	150H7
11			70m6	140			50k6	110	1227	20	160	1100	63	54 ± 1.5	170m6	165H7	165H7	165H7
12			70m6	140			50k6	110	1382	20	160	1255	63	54 ± 1.5	180m6	180H7	180H7	180H7

Size	E	f2	G1	G2	G4	H	H1	h1	h2	h3	h5	h6	K2	N	P6	P7	P8	P9	R	S1	Weight (kg)
05	210	30	170	165	240	230	230	405	127.5	210	160	105	360	310	240	405	35	145	175	24H9	324
06	210	30	170	165	240	230	260	440	127.5	210	160	105	360	310	240	450	35	145	220	24H9	403
07	210	35	210	195	280	280	280	495	150	210	160	120	430	360	240	445	35	143	215	28H9	558
08	250	35	210	195	285	280	300	540	150	210	160	120	430	360	240	505	35	143	275	28H9	663
09	250	35	240	235	330	320	320	580	185	285	200	155	490	420	330	585	40	155	260	36H9	899
10	300	35	240	235	350	320	350	630	185	285	200	155	490	430	330	635	40	155	310	36H9	1113
11	300	42	275	270	400	380	380	705	215	285	200	150	600	510	330	620	50	162	295	40H9	1481
12	300	42	275	270	405	380	410	775	215	285	200	150	600	510	330	705	50	162	380	40H9	1742

\*默认安装面为下表面, 以上表面为安装面请在订货时注明。  
\*The general mounting is up position, if down mounting position, please mention in the order.

H313V-H318V

H313V-H318V



- ★ 油泵(附件代号US31)
- ★ Oil Pump(Accessory code:US31)

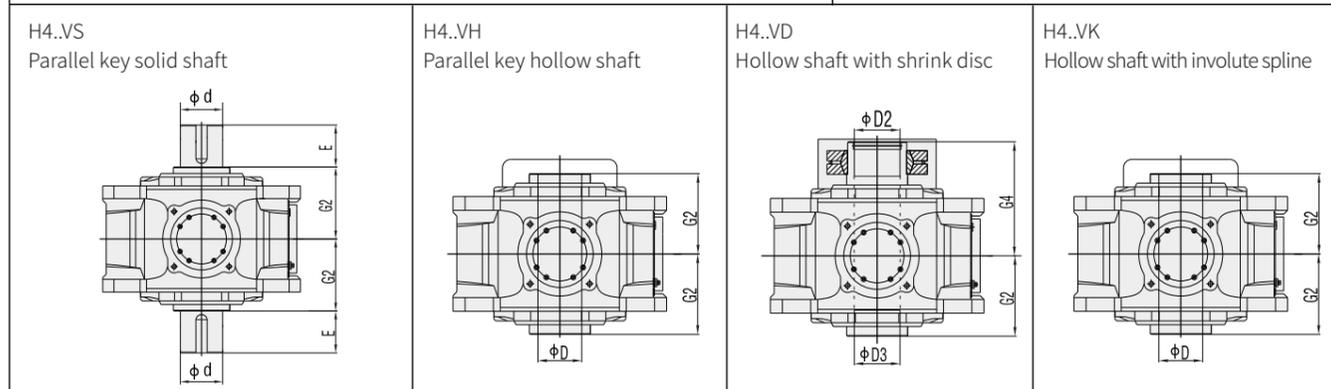
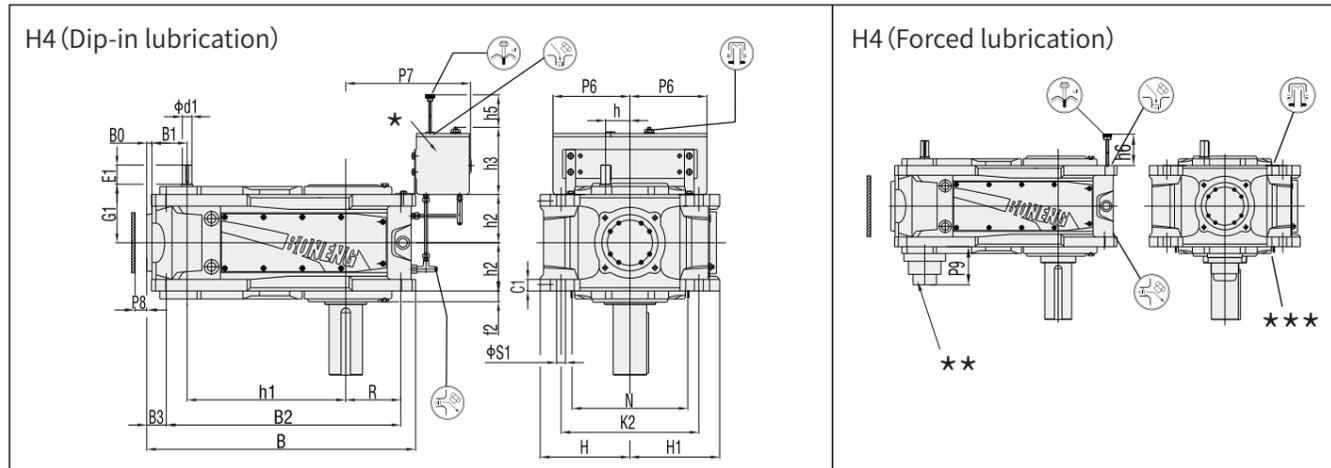
Size	iN=14-45		iN=16-50		iN=50-100		iN=56-100		iN=56-112		B	B0	B1	B2	B3	C1	d	D
	d1	E1	d1	E1	d1	E1	d1	E1	d1	E1								
13			85m6	170			60m6	140			1470	0	207	1375	47	105 ± 2	200m6	190H7
14			85m6	170			60m6	140			1610	0	207	1515	48	105 ± 2	220m6	210H7
15			100m6	210					75m6	140	1760	0	249	1655	51	125 ± 2	240m6	230H7
16			100m6	210					75m6	140	1850	2	247	1735	57	125 ± 2	250m6	240H7
17	100m6	210					75m6	140			1820	14	235	1705	57	135 ± 2	260n6	250H7
18			100m6	210					75m6	140	1940	14	235	1825	57	135 ± 2	280n6	275H7

Size	D2	D3	E	f2	G1	G2	G4	H	H1	h1	h2	h5	K2	N	P8	P9	R	S1	Weight (kg)
13	190H7	190H7	350	35	325	335	480	440	435	820	272.5	210	720	570	50	170	395	48	2355
14	210H7	210H7	350	35	325	335	480	440	500	890	272.5	210	740	570	50	170	465	48	2880
15	230H7	230H7	410	32	365	380	550	500	500	987	310	230	820	710	50	170	470	55	3640
16	240H7	240H7	410	32	365	380	550	500	535	1033	310	230	860	710	50	170	512	55	4195
17	250H7	250H7	410	42	400	415	600	550	555	1035	340	250	900	790	70	210	492	55	4670
18	280H7	280H7	470	42	400	415	600	550	560	1095	340	250	900	790	70	210	552	55	5165

\*默认安装面为下表面, 以上表面为安装面请在订货时注明。  
\*The general mounting is up position, if down mounting position, please mention in the order.

H407V-H412V

H407V-H412V



- ★ 补偿油箱(附件代号:US33)      ★ Compensation oil tank (Accessory code:US33)
- ★★ 油泵(附件代号US31)            ★★ Oil Pump(Accessory code:US31)
- ★★★ 安装面                            ★★★ Mounting position

Size	iN ≤ 200		iN ≤ 224		iN ≥ 224		iN ≥ 250		B	B0	B1	B2	B3	C1	d	D	D2	D3	E
	d1	E1	d1	E1	d1	E1	d1	E1											
07	30k6	60			24k6	50			876	16	110	775	46	36 ± 1	120m6	115H7	120H7	120H7	210
08	30k6	60			24k6	50			981	16	110	880	46	36 ± 1	130m6	125H7	130H7	130H7	250
09	35k6	80			28k6	60			1033	20	130	920	51	45 ± 1.5	140m6	135H7	140H7	140H7	250
10	35k6	80			28k6	60			1131	20	130	1020	51	45 ± 1.5	160m6	150H7	150H7	150H7	300
11			45k6	110			32k6	80	1227	20	160	1100	63	54 ± 1.5	170m6	165H7	165H7	165H7	300
12			45k6	110			32k6	80	1382	20	160	1255	63	54 ± 1.5	180m6	180H7	180H7	180H7	300

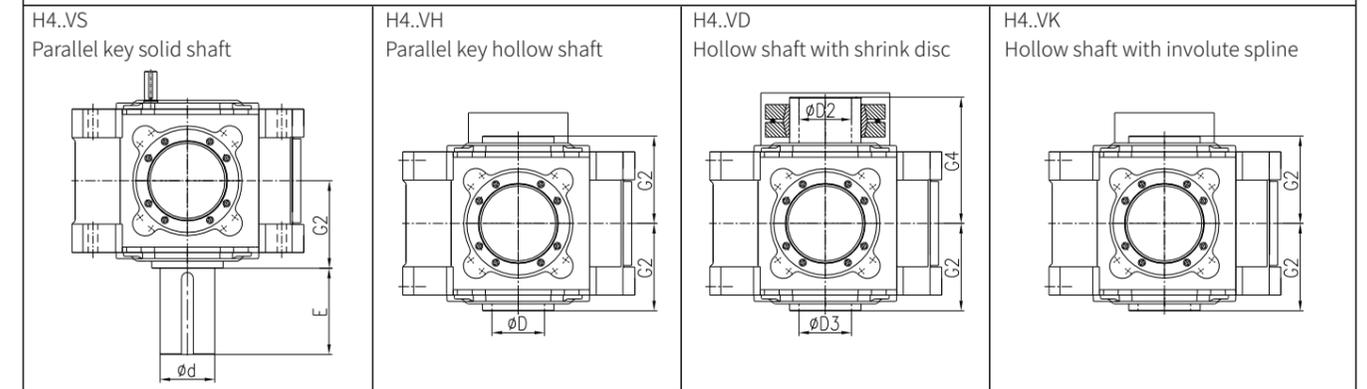
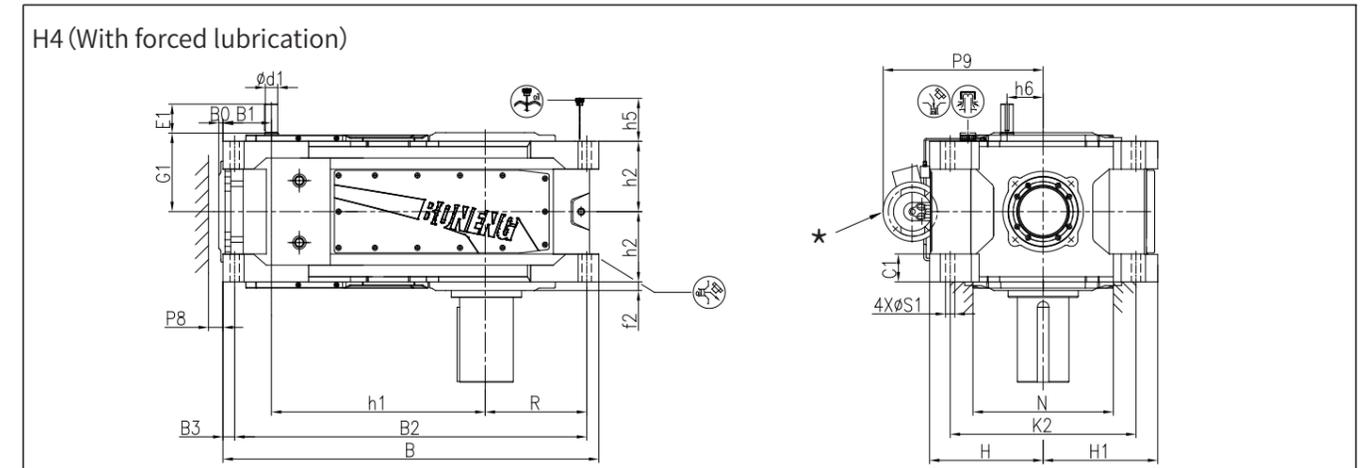
Size	f2	G1	G2	G4	H	H1	h	h1	h2	h3	h5	h6	K2	N	P6	P7	P8	P9	R	S1	Weight (kg)
07	35	180	195	280	280	280	76	495	150	210	160	120	430	360	240	445	35	102	215	28H9	559
08	35	180	195	285	280	300	76	540	150	210	160	120	430	360	240	505	35	102	275	28H9	664
09	35	215	235	330	320	320	93.5	580	185	285	200	155	490	420	330	585	40	125	260	36H9	901
10	35	215	235	350	320	350	93.5	630	185	285	200	155	490	430	330	635	40	125	310	36H9	1115
11	42	250	270	400	380	380	120	705	215	285	200	150	600	510	330	620	50	140	295	40H9	1487
12	42	250	270	405	380	410	120	775	215	285	200	150	600	510	330	705	50	140	380	40H9	1747

\*默认安装面为下表面, 以上表面为安装面请在订货时注明。

\*The general mounting is up position, if down mounting position, please mention in the order.

H413V-H418V

H413V-H418V



- ★ 电机油泵 (附件代号US32)      ★ Motor Pump(Accessory code:US32)

Size	iN=63-200		iN=71-224		iN=224-400		iN=250-450		B	B0	B1	B2	B3	C1	d	D	D2	D3
	d1	E1	d1	E1	d1	E1	d1	E1										
13			50k6	110			38k6	80	1470	0	207	1375	47	105 ± 2	200m6	190H7	190H7	190H7
14			50k6	110			38k6	80	1610	0	207	1515	48	105 ± 2	220m6	210H7	210H7	210H7
15			60m6	140			50k6	110	1760	0	249	1655	51	125 ± 2	240m6	230H7	230H7	230H7
16			60m6	140			50k6	110	1850	2	247	1735	57	125 ± 2	250m6	240H7	240H7	240H7
17	60m6	140			50k6	110			1820	14	235	1705	57	135 ± 2	260n6	250H7	250H7	250H7
18			60m6	140			50k6	110	1940	14	235	1825	57	135 ± 2	280n6	275H7	280H7	280H7

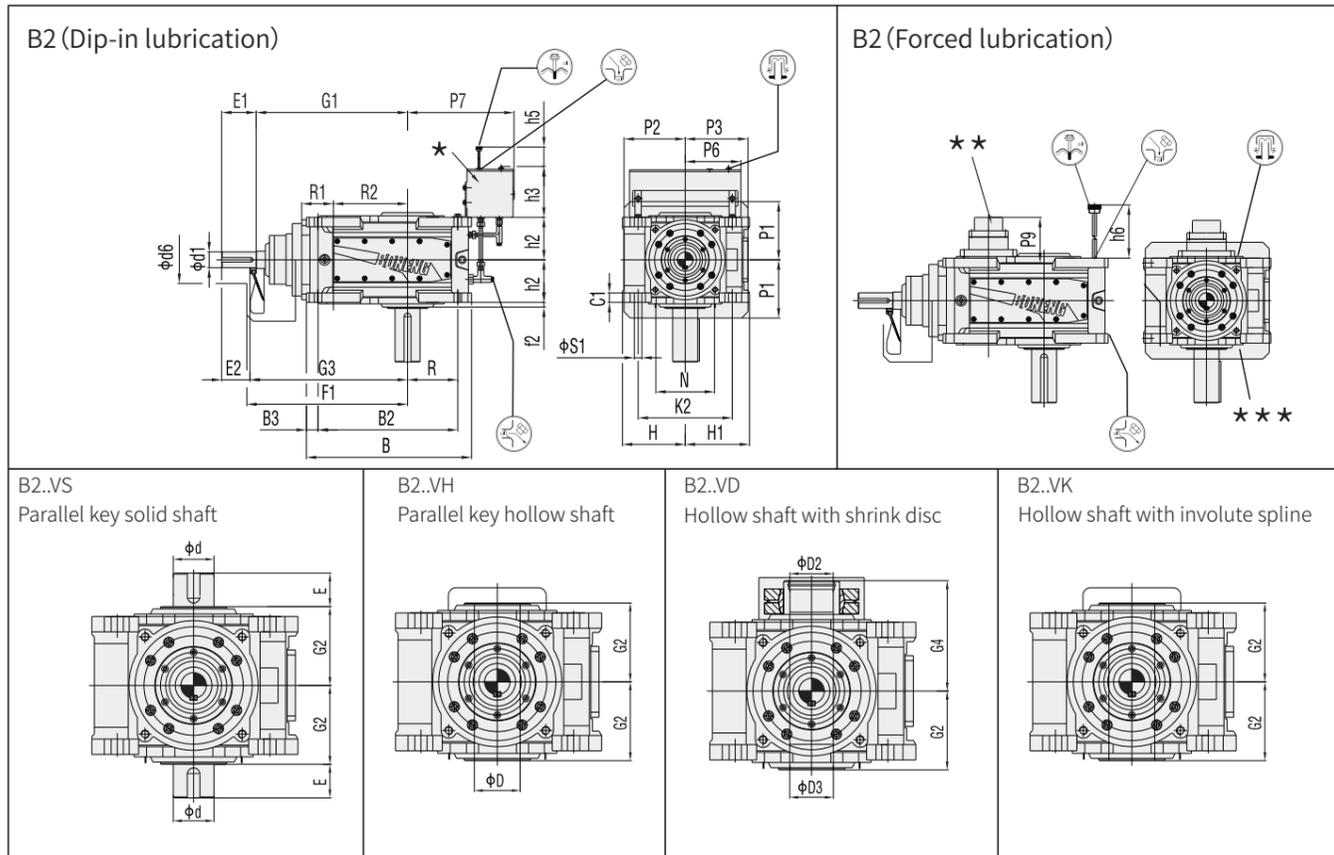
Size	E	f2	G1	G2	G4	H	H1	h1	h2	h5	h6	K2	N	P8	P9	R	S1	Weight (kg)
13	350	35	305	335	480	440	435	820	272.5	210	140	720	570	50	670	395	48	2450
14	350	35	305	335	480	440	500	890	272.5	210	140	740	570	50	670	465	48	2995
15	410	32	345	380	550	500	500	987	310	230	175	820	710	50	710	470	55	3810
16	410	32	345	380	550	500	535	1033	310	230	175	860	710	50	710	512	55	4290
17	410	42	380	415	600	550	555	1035	340	250	175	900	790	70	775	492	55	4795
18	470	42	380	415	600	550	560	1095	340	250	175	900	790	70	775	552	55	5325

\*默认安装面为下表面, 以上表面为安装面请在订货时注明。

\*The general mounting is up position, if down mounting position, please mention in the order.

B204V-B212V

B204V-B212V



- ★ 补偿油箱(附件代号:US33)
- ★ Compensation oil tank (Accessory code:US33)
- ★★ 油泵(附件代号US31)
- ★★ Oil Pump(Accessory code:US31)
- ★★★ 安装面
- ★★★ Mounting position

Size	iN ≤ 14			B	B2	B3	C1	d	d6	D	D2	D3	E	F1	f2	G1	G2
	d1	E1	E2														
04	50k6	110	90	530	445	50	30 ± 1	80m6	150	80H7	85H7	85H7	170	517	20	482	140
05	60m6	140	110	595	505	55	30 ± 1	100m6	160	95H7	100H7	100H7	210	596	10	551	165
06	60m6	140	110	680	585	60	30 ± 1	110m6	160	105H7	110H7	110H7	210	635	10	590	165
07	75m6	140	110	725	620	60	36 ± 1	120m6	210	115H7	120H7	120H7	210	705	15	660	195
08	75m6	140	110	825	725	55	36 ± 1	130m6	210	125H7	130H7	130H7	250	745	15	700	195
09	85m6	170	135	860	740	70	48 ± 1.5	140m6	220	135H7	140H7	140H7	250	805	20	755	235
10	85m6	170	135	970	840	80	48 ± 1.5	160m6	220	150H7	150H7	150H7	300	865	20	815	235
11	95m6	170	135	1030	875	90	54 ± 1.5	170m6	250	165H7	165H7	165H7	300	1005	15	945	270
12	95m6	170	135	1165	1030	70	54 ± 1.5	180m6	250	180H7	180H7	180H7	300	1055	15	995	270

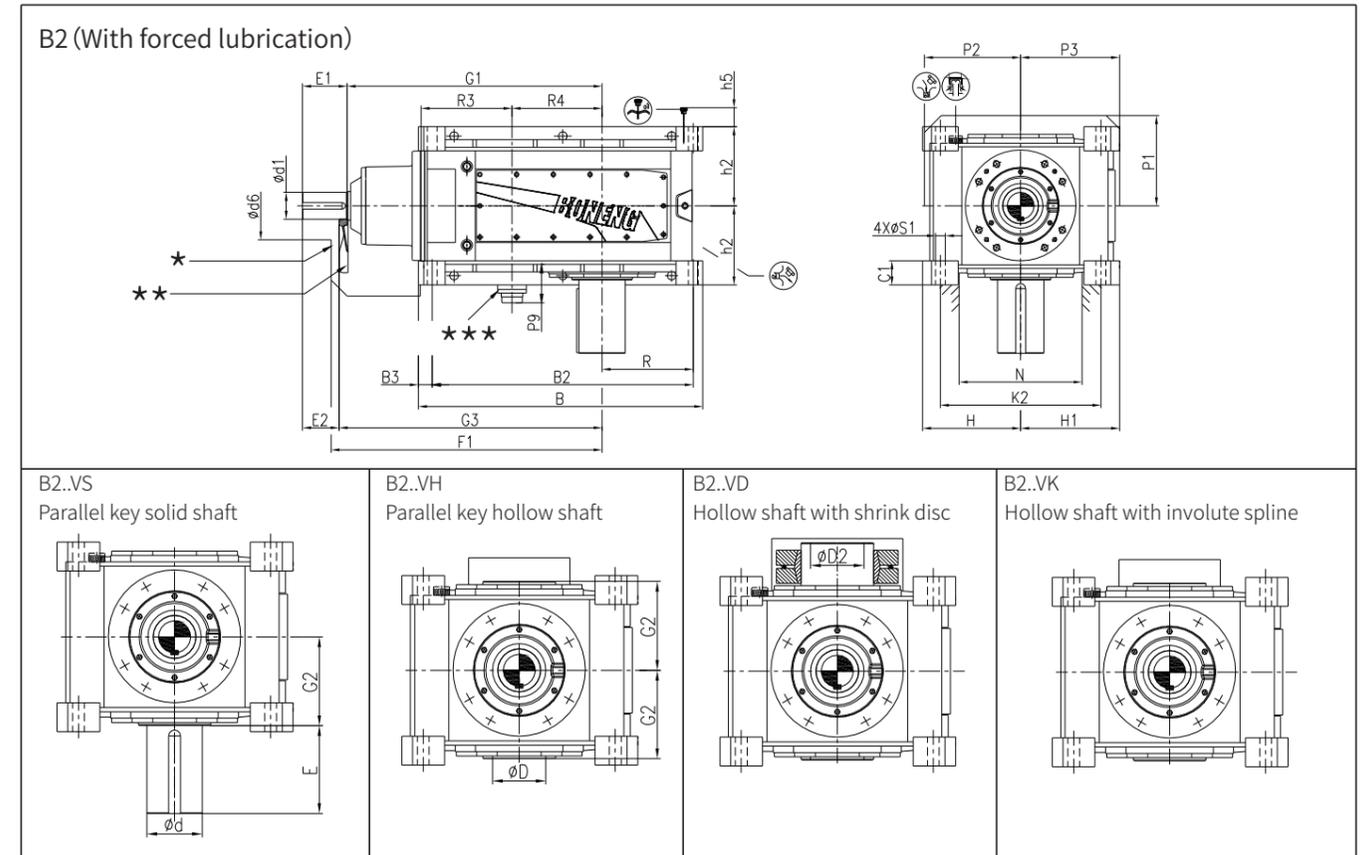
Size	G3	G4	H	H1	h2	h3	h5	h6	K2	N	P1	P2	P3	P6	P7	P9	R	R1	R2	S1	Weight (kg)
04	502	205	200	200	135	175	140	130	300	250	185	195	200	150	340	140	160	160	177	24H9	217
05	581	240	230	230	160	210	160	145	360	310	215	220	235	240	405	132	175	185	201	24H9	349
06	620	240	230	260	160	210	160	145	360	310	215	220	235	240	450	132	220	185	240	24H9	437
07	690	280	280	280	190	210	160	180	430	360	250	270	285	240	445	150	215	225	240	28H9	599
08	730	285	280	300	190	210	160	180	430	360	250	270	285	240	505	150	275	225	280	28H9	723
09	790	330	320	320	220	285	200	165	490	390	250	310	325	330	585	160	260	265	280	36H9	921
10	850	350	320	350	220	285	200	165	490	430	250	310	325	330	635	160	310	265	340	36H9	1158
11	980	400	380	380	265	285	200	140	600	450	330	370	385	330	620	161	295	320	340	40H9	1516
12	1030	405	380	410	265	285	200	140	600	490	330	370	385	330	705	161	380	320	390	40H9	1833

\*默认安装面为下表面,以上表面为安装面请在订货时注明。

\*The general mounting is up position,if down mounting position, please mention in the order.

B213V-B218V

B213V-B218V



- ★ 风扇罩
- ★ Fan guard
- ★★ 冷却风扇(附件代号UF21)
- ★★ Cooling fan (Accessory code:UF21)
- ★★★ 轴端油泵(附件代号US31)
- ★★★ Pump(Accessory code:US31)

Size	iN=6.3-14			iN=7.1-14			B	B2	B3	C1	d	d6	D	D2	D3	E	F1	f2	G1
	d1	E1	E2	d1	E1	E2													
13	115m6	210	175				1205	1110	47	105±2	200m6	245	190H7	190H7	190H7	350	1175	35	1092
14	115m6	210	175				1345	1250	47	105±2	220m6	245	210H7	210H7	210H7	350	1245	35	1170
15	140m6	250	200				1430	1315	57	125±2	240m6	280	230H7	230H7	230H7	410	1385	32	1305
16	140m6	250	200				1520	1405	57	125±2	250m6	280	240H7	240H7	240H7	410	1430	32	1330
17	150m6	250	200				1595	1465	65	135±2	260n6	380	250H7	250H7	250H7	410	1520	42	1450
18				150m6	250	200	1715	1585	65	135±2	280n6	380	275H7	280H7	280H7	470	1580	42	1515

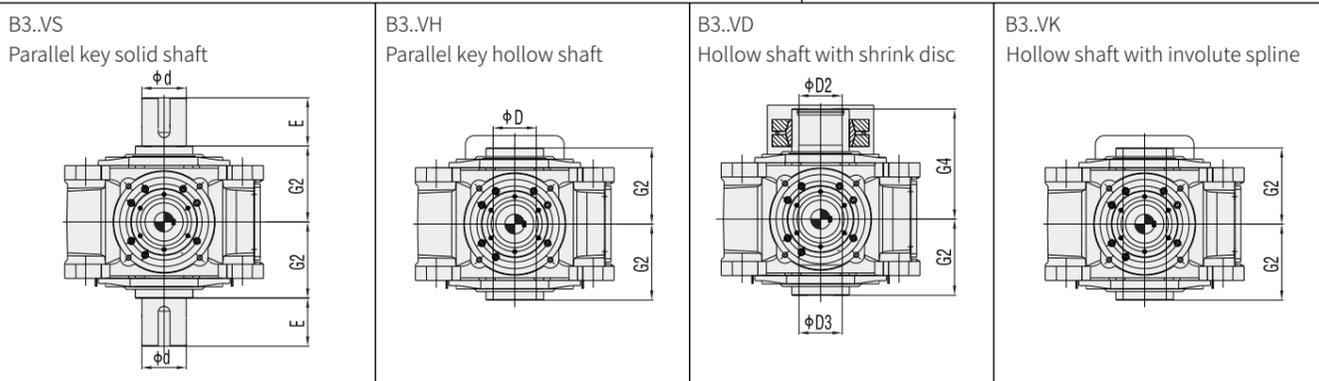
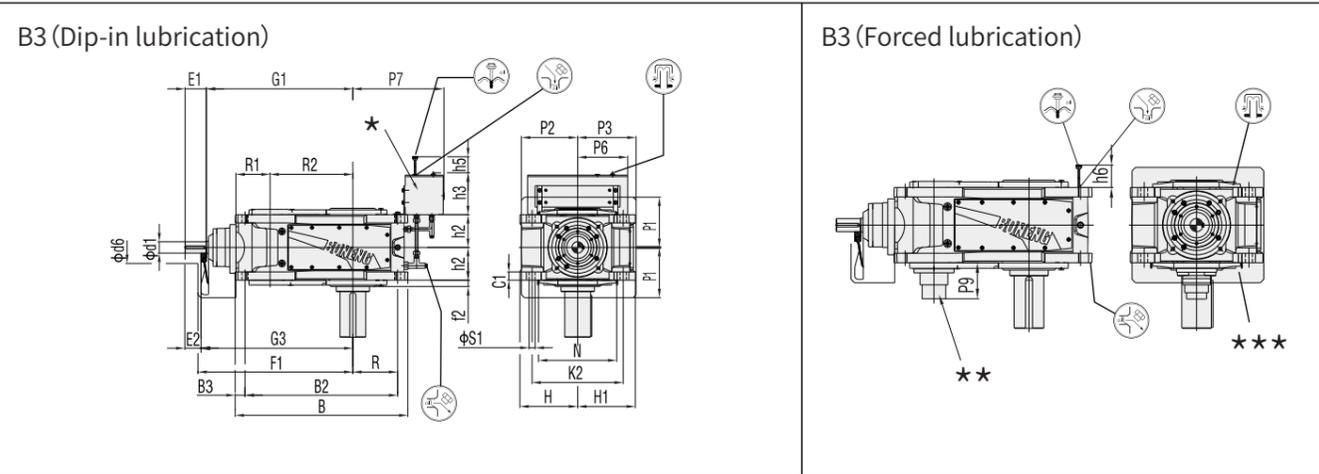
Size	G2	G3	G4	H	H1	h2	h5	K2	N	P1	P2	P3	P9	R	R3	R4	S1	Weight (kg)
13	335	1127	480	440	430	325	210	720	550	375	430	450	200	395	370	392	48	2530
14	335	1205	480	440	445	325	210	740	570	375	430	450	200	465	370	470	48	2945
15	380	1355	550	500	500	380	230	820	590	435	490	495	200	467	442	470	55	4230
16	380	1380	550	500	535	380	230	860	650	435	490	495	200	512	442	495	55	4750
17	415	1500	600	550	555	437.5	250	900	690	505	540	555	200	512	490	505	55	5990
18	415	1565	600	550	560	437.5	250	900	710	505	540	555	200	572	490	570	55	6555

\*默认安装面为下表面,以上表面为安装面请在订货时注明。

\*The general mounting is up position,if down mounting position, please mention in the order.

B304V-B312V

B304V-B312V



- \* 补偿油箱(附件代号:US33)      \* Compensation oil tank (Accessory code:US33)
- \*\* 油泵(附件代号US31)            \*\* Oil Pump(Accessory code:US31)
- \*\*\* 安装面                              \*\*\* Mounting position

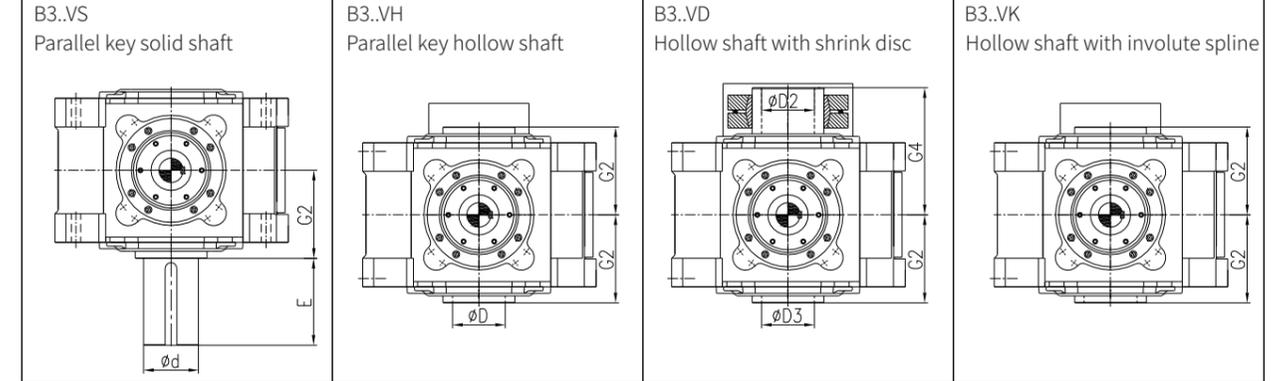
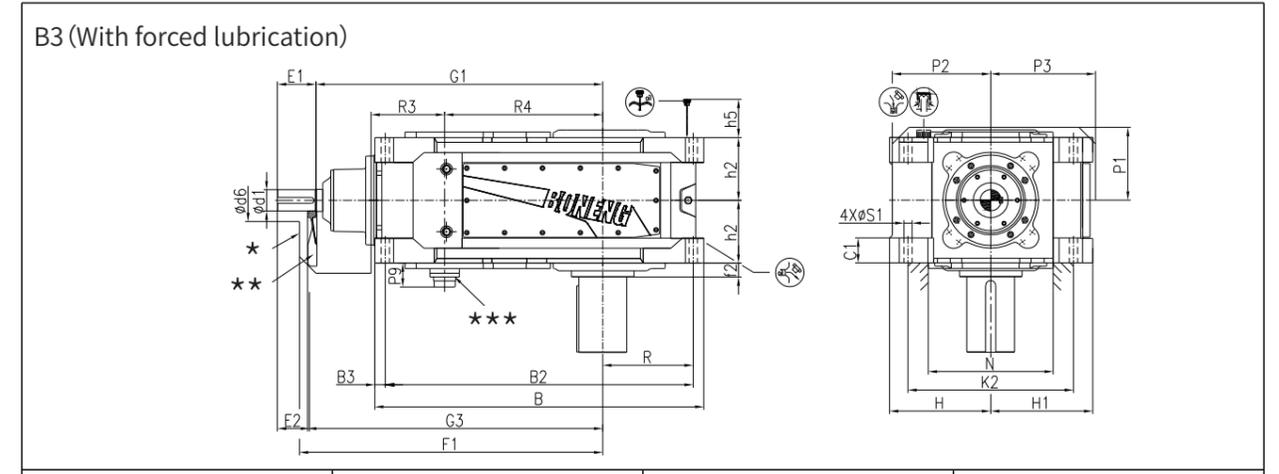
Size	iN ≤ 63			iN ≥ 71			B	B2	B3	C1	d	d6	E	F1	f2	D	D2	D3	G1
	d1	E1	E2	d1	E1	E2													
04	35k6	80	60	30k6	60	40	586	505	37	30 ± 1	80m6	150	170	530	30	80H7	85H7	85H7	500
05	45k6	110	80	35k6	80	50	667	580	38	30 ± 1	100m6	160	210	620	30	95H7	100H7	100H7	575
06	45k6	110	80	35k6	80	50	743	660	38	30 ± 1	110m6	160	210	655	35	105H7	110H7	110H7	610
07	50k6	110	90	40k6	80	60	816	715	46	36 ± 1	120m6	210	210	720	36	115H7	120H7	120H7	690
08	50k6	110	90	40k6	80	60	920	820	46	36 ± 1	130m6	210	250	765	35	125H7	130H7	130H7	735
09	60m6	140	110	50k6	110	80	957	845	51	45 ± 1.5	140m6	220	250	845	35	135H7	140H7	140H7	800
10	60m6	140	110	50k6	110	80	1062	945	51	45 ± 1.5	160m6	220	300	895	35	150H7	150H7	150H7	850
11	75m6	140	115	60m6	140	115	1132	1005	63	54 ± 1.5	170m6	210	300	1010	42	165H7	165H7	165H7	965
12	75m6	140	115	60m6	140	115	1292	1160	63	54 ± 1.5	180m6	210	300	1080	42	180H7	180H7	180H7	1035

Size	G2	G3	G4	H	H1	h2	h3	h5	h6	K2	N	P1	P2	P3	P6	P7	P9	R	R1	R2	S1	Weight (kg)
04	140	520	205	200	200	107.5	175	140	85	300	250	185	195	200	150	340	142	160	110	270	24H9	210
05	165	605	240	230	230	127.5	210	160	105	360	310	215	220	235	240	405	145	175	130	315	24H9	337
06	165	640	240	230	260	127.5	210	160	105	360	310	215	220	235	240	450	145	220	130	350	24H9	412
07	195	710	280	280	280	150	210	160	120	430	360	250	270	285	240	445	143	215	160	385	28H9	555
08	195	755	285	280	300	150	210	160	120	430	360	250	270	285	240	505	143	275	160	430	28H9	660
09	235	830	330	320	320	185	285	200	155	490	410	250	310	325	330	585	155	260	185	450	36H9	891
10	235	880	350	320	350	185	285	200	155	490	430	250	310	325	330	635	155	310	185	500	36H9	1106
11	270	990	400	380	380	215	285	200	150	600	500	330	370	385	330	620	162	295	225	545	40H9	1484
12	270	1060	405	380	410	215	285	200	150	600	500	330	370	385	330	705	162	380	225	615	40H9	1757

\*默认安装面为下表面,以上表面为安装面请在订货时注明。  
\*The general mounting is up position,if down mounting position, please mention in the order.

B313V-B318V

B313V-B318V



- \* 风扇罩                                      \* Fan guard
- \*\* 冷却风扇(附件代号UF21)          \*\* Cooling fan (Accessory code:UF21)
- \*\*\* 轴端油泵(附件代号US31)        \*\*\* Pump(Accessory code:US31)

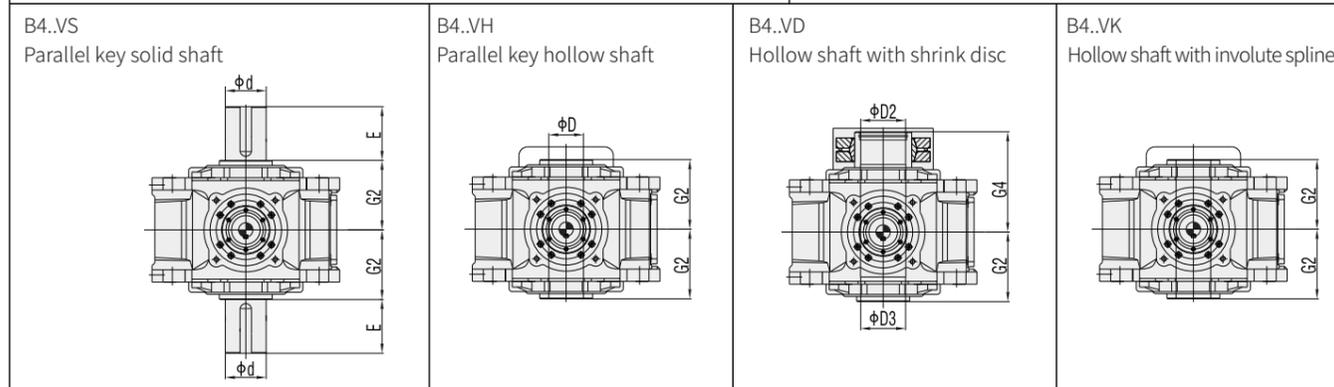
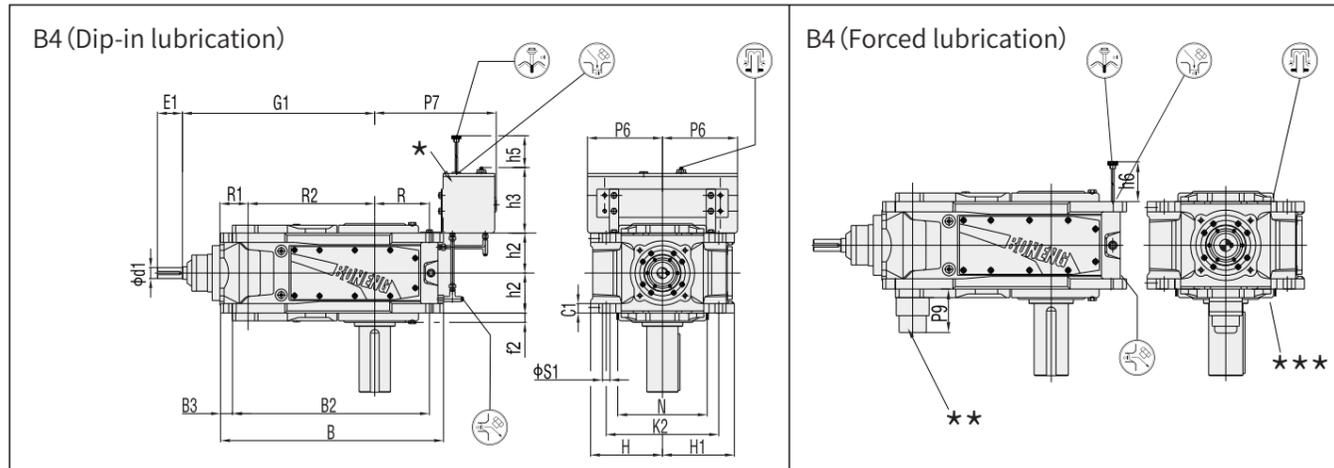
Size	iN=16-56			iN=16-63			iN=63-80			iN=71-90			B	B2	B3	C1	d	d6	D	D2	D3
	d1	E1	E2	d1	E1	E2	d1	E1	E2	d1	E1	E2									
13				85m6	170	135				70m6	140	105	1365	1270	52	105 ± 2	200m6	210	190H7	190H7	190H7
14				85m6	170	135				70m6	140	105	1505	1410	47	105 ± 2	220m6	210	210H7	210H7	210H7
15				95m6	170	135				75m6	140	105	1630	1515	57	125 ± 2	240m6	210	230H7	230H7	230H7
16				95m6	170	135				75m6	140	105	1720	1605	57	125 ± 2	250m6	210	240H7	240H7	240H7
17	115m6	210	175							90m6	170	135			57	135 ± 2	260n6	230	250H7	250H7	250H7
18				115m6	210	175				90m6	170	135	1910	1795	57	135 ± 2	280n6	230	275H7	280H7	280H7

Size	E	F1	f2	G1	G2	G3	G4	H	H1	h2	h5	K2	N	P1	P2	P3	P9	R	R3	R4	S1	Weight (kg)
13	350	1165	35	1110	335	1145	480	440	435	272.5	210	720	550	325	425	435	170	395	265	635	48	2470
14	350	1235	35	1180	335	1215	480	440	500	272.5	210	740	570	325	425	435	170	465	265	705	48	3025
15	410	1420	32	1367	380	1402	550	500	500	310	230	820	640	365	485	520	170	467	320	762	55	3925
16	410	1470	32	1413	380	1448	550	500	535	310	230	860	650	365	485	520	170	512	320	808	55	4295
17	410	1620	42	1560	415	1595	600	550	555	340	250	900	690	395	535	570	170	492	370	860	55	5110
18	470	1680	42	1620	415	1655	600	550	560	340	250	900	710	395	535	570	170	552	370	920	55	5645

\*默认安装面为下表面,以上表面为安装面请在订货时注明。  
\*The general mounting is up position,if down mounting position, please mention in the order.

B405V-B412V

B405V-B412V



- ★ 补偿油箱(附件代号:US33)      ★ Compensation oil tank (Accessory code:US33)
- ★★ 油泵(附件代号US31)      ★★ Oil Pump(Accessory code:US31)
- ★★★ 安装面      ★★★ Mounting position

Size	iN ≤ 250		iN ≤ 280		iN ≥ 280		iN ≥ 315		B	B2	B3	C1	d	D	D2	D3	E	f2
	d1	E1	d1	E1	d1	E1	d1	E1										
05			35k6	80			25k6	50	713	630	38	30 ± 1	100m6	95H7	100H7	100H7	210	30
06			35k6	80			25k6	50	793	710	38	30 ± 1	110m6	105H7	110H7	110H7	210	30
07			35k6	80			30k6	60	876	775	46	36 ± 1	120m6	115H7	120H7	120H7	210	35
08			35k6	80			30k6	60	981	880	46	36 ± 1	130m6	125H7	130H7	130H7	250	35
09	45k6	110			35k6	80			1033	920	51	45 ± 1.5	140m6	135H7	140H7	140H7	250	35
10	45k6	110			35k6	80			1131	1020	51	45 ± 1.5	160m6	150H7	150H7	150H7	300	35
11			50k6	110			40k6	80	1227	1100	63	54 ± 1.5	170m6	165H7	165H7	165H7	300	42
12			50k6	110			40k6	80	1382	1255	63	54 ± 1.5	180m6	180H7	180H7	180H7	300	42

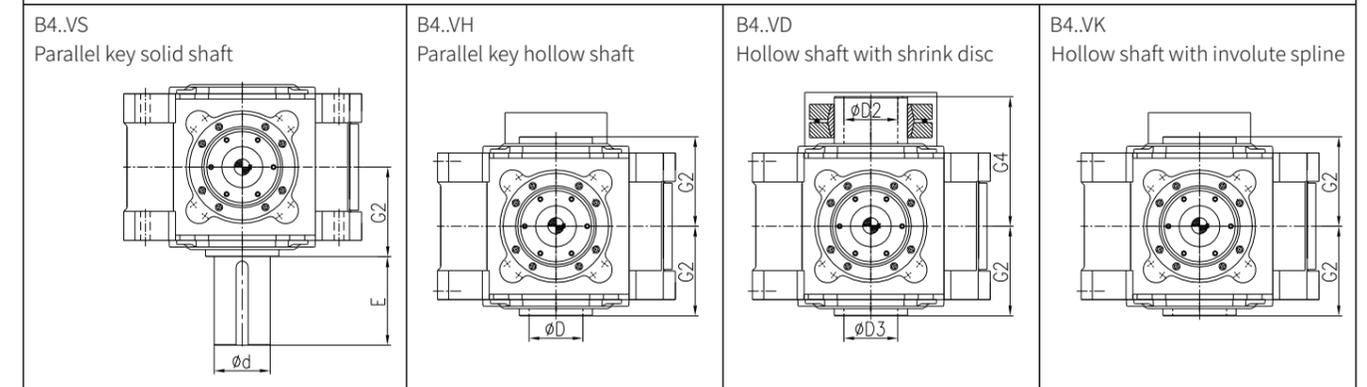
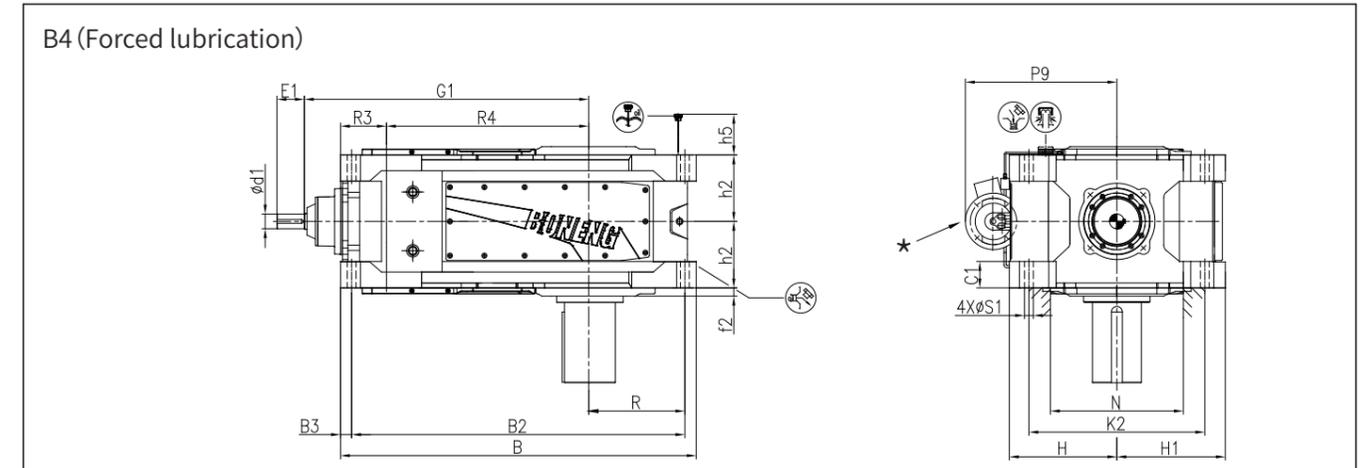
Size	G1	G2	G4	H	H1	h2	h3	h5	h6	K2	N	P6	P7	P9	R	R1	R2	S1	Weight (kg)
05	615	165	240	230	230	127.5	210	160	105	360	310	240	405	120	175	90	405	24H9	337
06	650	165	240	230	260	127.5	210	160	105	360	310	240	450	120	220	90	440	24H9	416
07	725	195	280	280	280	150	210	160	120	430	360	240	445	102	215	110	495	28H9	573
08	770	195	285	280	300	150	210	160	120	430	360	240	505	102	275	110	540	28H9	677
09	840	235	330	320	320	185	285	200	155	490	420	330	585	125	260	130	580	36H9	925
10	890	235	350	320	350	185	285	200	155	490	430	330	635	125	310	130	630	36H9	1139
11	1010	270	400	380	380	215	285	200	150	600	510	330	620	140	295	160	705	40H9	1514
12	1080	270	405	380	410	215	285	200	150	600	510	330	705	140	380	160	775	40H9	1775

\*默认安装面为下表面, 以上表面为安装面请在订货时注明。

\*The general mounting is up position, if down mounting position, please mention in the order.

B413V-B418V

B413V-B418V



- ★ 电机油泵(附件代号US32)      ★ Motor Pump(Accessory code:US32)

Size	iN=90-250		iN=100-280		iN=280-355		iN=315-400		B	B2	B3	C1	d	D	D2	D3
	d1	E1	d1	E1	d1	E1	d1	E1								
13			60m6	140			50k6	110	1470	1375	47	105 ± 2	200m6	190H7	190H7	190H7
14			60m6	140			50k6	110	1610	1515	48	105 ± 2	220m6	210H7	210H7	210H7
15			75m6	140			60m6	140	1760	1655	51	125 ± 2	240m6	230H7	230H7	230H7
16			75m6	140			60m6	140	1850	1735	57	125 ± 2	250m6	240H7	240H7	240H7
17	75m6	140			60m6	140			1820	1705	57	135 ± 2	260n6	250H7	250H7	250H7
18			75m6	140			60m6	140	1940	1825	57	135 ± 2	280n6	275H7	280H7	280H7

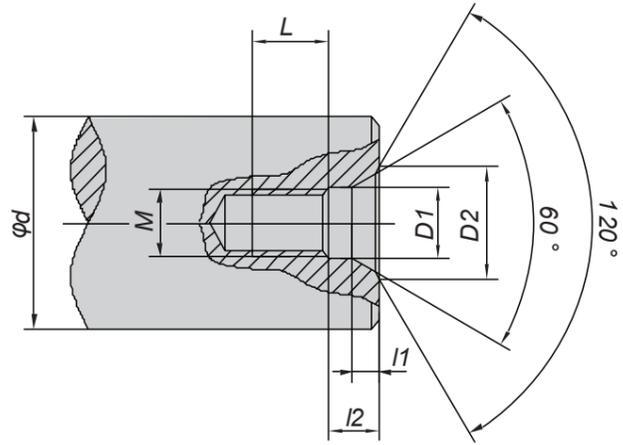
Size	E	f2	G1	G2	G4	H	H1	h2	h5	K2	N	P9	R	R4	S1	Weight (kg)
13	350	35	1170	335	480	440	435	272.5	210	720	570	670	395	820	48	2455
14	350	35	1240	335	480	440	500	272.5	210	740	570	670	465	890	48	3000
15	410	32	1407	380	550	500	500	310	230	820	710	710	470	987	55	3805
16	410	32	1453	380	550	500	535	310	230	860	710	710	512	1033	55	4315
17	410	42	1455	415	600	550	555	340	250	900	790	775	492	1035	55	4810
18	470	42	1515	415	600	550	560	340	250	900	790	775	552	1095	55	5340

\*默认安装面为下表面, 以上表面为安装面请在订货时注明。

\*The general mounting is up position, if down mounting position, please mention in the order.

12 轴端中心孔

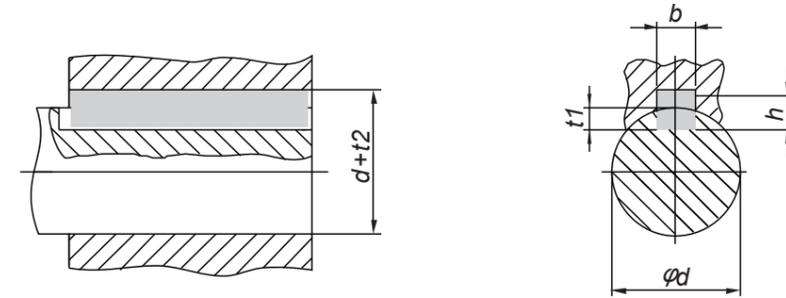
12 Shaft end central hole



d	M	L	12	11	D1	D2
7 < d ≤ 10	M3	10	2.6	1.8	3.2	5.8
10 < d ≤ 13	M4	10	3.2	2.1	4.3	7.4
13 < d ≤ 16	M5	10	4	2.4	5.3	8.8
16 < d ≤ 21	M6	12	5	2.8	6.4	10.5
21 < d ≤ 24	M8	12	6	3.3	8.4	13.2
24 < d ≤ 30	M10	15	7.5	3.8	10.5	16.3
30 < d ≤ 38	M12	20	9.5	4.4	13	19.8
38 < d ≤ 50	M16	25	12	5.2	17	25.3
50 < d ≤ 85	M20	30	15	6.4	21	31.3
85 < d ≤ 130	M24	35	18	8	26	38
130 < d ≤ 225	M30	45	18	11	31	48
225 < d ≤ 320	M36	55	22	15	37	60
320 < d ≤ 500	M42	60	26	19	43	71
500 < d ≤ 710	M48	65	30	23	49	83

13 平键与键槽的尺寸

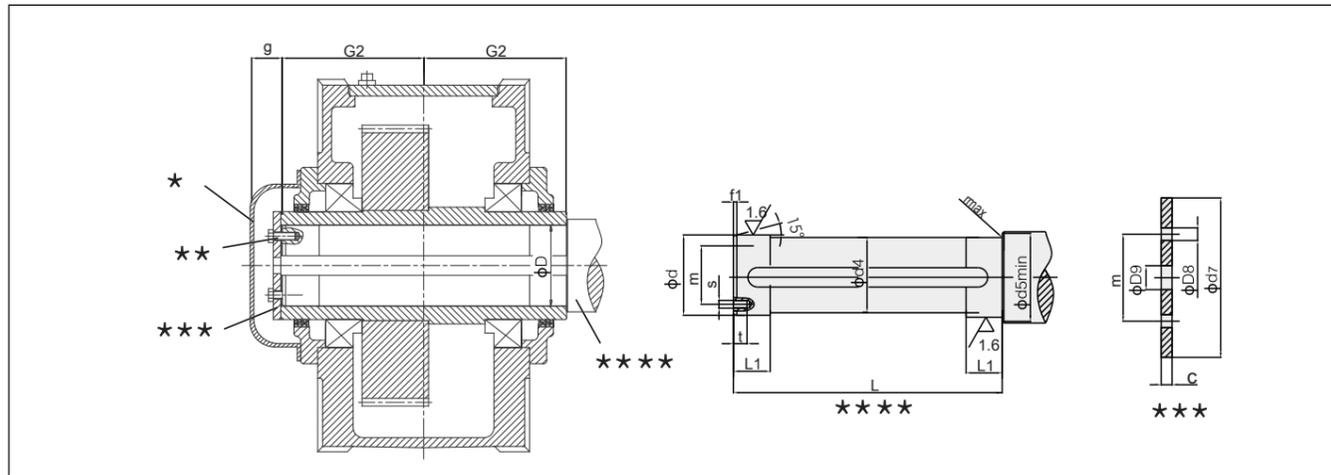
13 Dimension of parallel key and keyway



d	b	h	t <sub>1</sub>	d + t <sub>2</sub>
8 < d ≤ 10	3	3	1.8	d + 1.4
10 < d ≤ 12	4	4	2.5	d + 1.8
12 < d ≤ 17	5	5	3	d + 2.3
17 < d ≤ 22	6	6	3.5	d + 2.8
22 < d ≤ 30	8	7	4	d + 3.3
30 < d ≤ 38	10	8	5	d + 3.3
38 < d ≤ 44	12	8	5	d + 3.3
44 < d ≤ 50	14	9	5.5	d + 3.8
50 < d ≤ 58	16	10	6	d + 4.3
58 < d ≤ 65	18	11	7	d + 4.4
65 < d ≤ 75	20	12	7.5	d + 4.9
75 < d ≤ 85	22	14	9	d + 5.4
85 < d ≤ 95	25	14	9	d + 5.4
95 < d ≤ 110	28	16	10	d + 6.4
110 < d ≤ 130	32	18	11	d + 7.4
130 < d ≤ 150	36	20	12	d + 8.4
150 < d ≤ 170	40	22	13	d + 9.4
170 < d ≤ 200	45	25	15	d + 10.4
200 < d ≤ 230	50	28	17	d + 11.4
230 < d ≤ 260	56	32	20	d + 12.4
260 < d ≤ 290	63	32	20	d + 12.4
290 < d ≤ 330	70	36	22	d + 14.4
330 < d ≤ 380	80	40	25	d + 15.4
380 < d ≤ 440	90	45	28	d + 17.4
440 < d ≤ 500	100	50	31	d + 19.5
500 < d ≤ 560	110	56	34.3	d + 22.2
560 < d ≤ 640	120	63	39	d + 24.5

14建议输出联结尺寸图表  
14.1 带平键联接的空心轴  
尺寸图表

14Suggested output  
connection dimensions  
14.1 Hollow shaft with  
parallel key connection

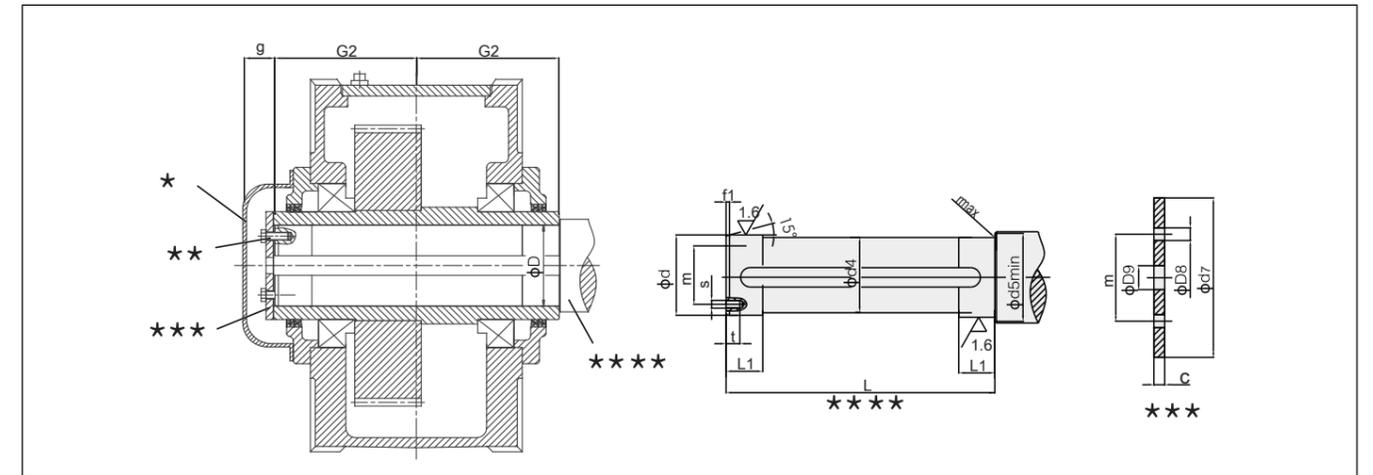


- ★ 防护罩
- ★★ 螺栓
- ★★★ 端板
- ★★★★ 输出轴

- ★ Protection cover
- ★★ Bolts
- ★★★ End plate
- ★★★★ Output shaft

Type H2...H,H3...H,H4...H,B3...H,B4...H(Size 04-18)

机座号 Size	被驱动设备的驱动轴 Driven equipment shaft										端板 End plate				螺栓 Bolt		空心轴 Hollow shaft		
	d	d4	d5	f1	L	L1	r	s	t	c	D8	D9	d7	m	Size	Qty.	D	G2	g
04	80h6	79.5	88	4	278	35	1.2	M10	18	10	11	22	100	60	M10 × 25	2	80H7	140	30.5
05	95h6	94.5	105	5	328	40	1.6	M10	18	10	11	26	120	70	M10 × 25	2	95H7	165	30.5
06	105h6	104.5	116	5	328	45	1.6	M10	18	10	11	26	120	70	M10 × 25	2	105H7	165	30.5
07	115h6	114.5	126	5	388	50	1.6	M12	20	12	13.5	26	140	80	M12 × 30	2	115H7	195	37
08	125h6	124.5	136	6	388	55	2.5	M12	20	12	13.5	26	150	85	M12 × 30	2	125H7	195	37
09	135h6	134.5	147	6	467	60	2.5	M12	20	12	13.5	33	160	90	M12 × 30	2	135H7	235	32
10	150h6	149.5	162	6	467	65	2.5	M12	20	12	13.5	33	185	110	M12 × 30	2	150H7	235	37
11	165h6	164.5	177	7	537	70	2.5	M16	28	15	17.5	33	195	120	M16 × 40	2	165H7	270	40
12	180h6	179.5	192	7	537	75	2.5	M16	28	15	17.5	33	220	130	M16 × 40	2	180H7	270	50
13	190h6	189.5	206	7	667	80	3	M16	28	18	17.5	33	230	140	M16 × 40	2	190H7	335	42.5
14	210h6	209.5	226	8	667	85	3	M16	28	18	17.5	33	250	160	M16 × 40	2	210H7	335	42.5
15	230h6	229.5	248	8	756	100	3	M20	38	25	22	39	270	180	M20 × 55	4	230H7	380	57
16	240h6	239.5	258	8	756	100	3	M20	38	25	22	39	280	180	M20 × 55	4	240H7	380	57
17	250h6	249.5	270	8	826	110	4	M20	38	25	22	39	300	190	M20 × 55	4	250H7	415	57
18	275h6	274.5	295	9	826	120	4	M20	38	25	22	39	330	210	M20 × 55	4	275H7	415	57



- ★ 防护罩
- ★★ 螺栓
- ★★★ 端板
- ★★★★ 输出轴

- ★ Protection cover
- ★★ Bolts
- ★★★ End plate
- ★★★★ Output shaft

Type B2...H(Size 04-18)

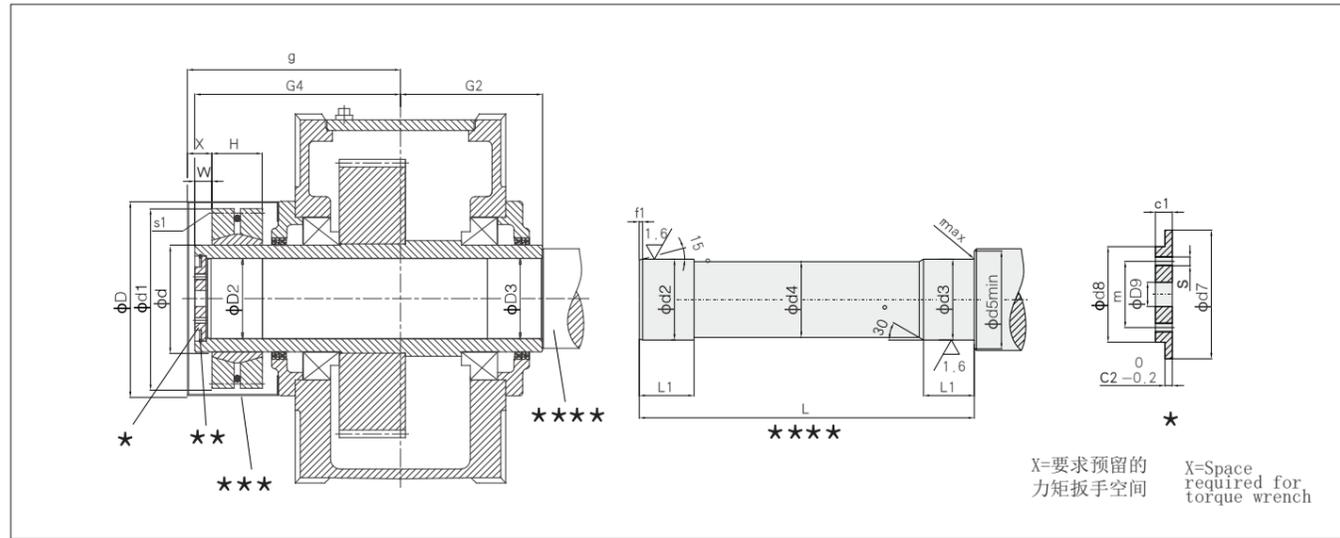
机座号 Size	被驱动设备的驱动轴 Driven equipment shaft										端板 End plate				螺栓 Bolt		空心轴 Hollow shaft		
	d	d4	d5	f1	L	L1	r	s	t	c	D8	D9	d7	m	Size	Qty.	D	G2	g
04	80h6	79.5	88	4	278	35	1.2	M10	18	10	11	22	100	60	M10 × 25	2	80H7	140	38
05	95h6	94.5	105	5	328	40	1.6	M10	18	10	11	26	120	70	M10 × 25	2	95H7	165	43
06	105h6	104.5	116	5	328	45	1.6	M10	18	10	11	26	120	70	M10 × 25	2	105H7	165	43
07	115h6	114.5	126	5	388	50	1.6	M12	20	12	13.5	26	140	80	M12 × 30	2	115H7	195	52
08	125h6	124.5	136	6	388	55	2.5	M12	20	12	13.5	26	150	85	M12 × 30	2	125H7	195	52
09	135h6	134.5	147	6	467	60	2.5	M12	20	12	13.5	33	160	90	M12 × 30	2	135H7	235	52
10	150h6	149.5	162	6	467	65	2.5	M12	20	12	13.5	33	185	110	M12 × 30	2	150H7	235	57
11	165h6	164.5	177	7	537	70	2.5	M16	28	15	17.5	33	195	120	M16 × 40	2	165H7	270	55
12	180h6	179.5	192	7	537	75	2.5	M16	28	15	17.5	33	220	130	M16 × 40	2	180H7	270	65
13	190h6	189.5	206	7	667	80	3	M16	28	18	17.5	33	230	140	M16 × 40	2	190H7	335	65
14	210h6	209.5	226	8	667	85	3	M16	28	18	17.5	33	250	160	M16 × 40	2	210H7	335	65
15	230h6	229.5	248	8	756	100	3	M20	38	25	22	39	270	180	M20 × 55	4	230H7	380	92
16	240h6	239.5	258	8	756	100	3	M20	38	25	22	39	280	180	M20 × 55	4	240H7	380	92
17	250h6	249.5	270	8	826	110	4	M20	38	25	22	39	300	190	M20 × 55	4	250H7	415	97
18	275h6	274.5	295	9	826	120	4	M20	38	25	22	39	330	210	M20 × 55	4	275H7	415	97

注: 1.被驱动设备的驱动轴材质: 40Cr或强度更高的钢。  
2.被驱动设备的驱动轴不在我们的供货范围之内。如果需要的话,请另订货。  
3.锁紧盘、防护罩、端板及弹性挡圈均为带锁紧盘联接空心轴的标准配制。

Note: 1.Material of driven equipment shaft: 40cr or steel with higher strength.  
2.Driven equipment shaft is not in scope of supply, please order if required.  
3.Shrink disc, protection cover, end plate and circlip are supplied with gearbox as standard.

14.2 带锁紧盘联接的空心轴尺寸图表

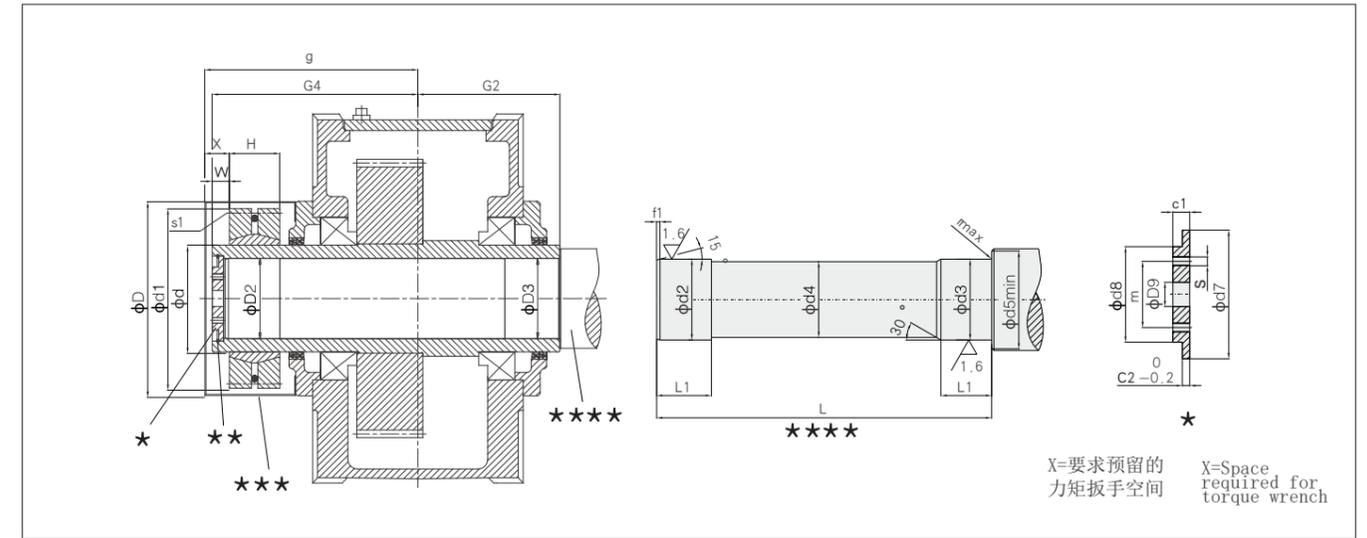
14.2 Hollow shaft for shrink Disks



- \* 端板
- \*\* 弹性挡圈
- \*\*\* 防护罩
- \*\*\*\* 输出轴
- \* End plate
- \*\* Circlip
- \*\*\* Protection cover
- \*\*\*\* Output shaft

Type H2...D,H3...D,H4..D,B3...D,B4...D(Size 04-18)

机座号 Size	被驱动设备的驱动轴 Driven equipment shaft								端板 End plate								空心轴 Hollow shaft				锁紧盘 Shrink disc		Bolt	Protection cover					
	d2	d3	d4	d5	f1	L	L1	r	c1	c2	d7	d8	d9	m	s	Number	Circlip	D2	D3	G2	G4	Type		d	d1	H	W	s1	D
04	85g6	85h6	84.5	95	4	326	48	2	17	7	90	70	22	50	M8	2	90	85H7	85H7	140	205	SP2-110	110	185	49	15	M12	212	226
05	100g6	100h6	99.5	114	5	383	53	2	20	8	105	80	26	55	M10	2	105	100H7	100H7	165	240	SP2-125	125	215	53	17	M12	252	266
06	110g6	110h6	109.5	124	5	383	58	3	20	8	115	85	26	60	M10	2	115	110H7	110H7	165	240	SP2-140	140	230	58	17	M12	252	266
07	120g6	120h6	119.5	134	5	453	68	3	20	8	125	90	26	65	M12	2	125	120H7	120H7	195	280	SP2-155	155	263	62	23	M12	322	322
08	130g6	130h6	129.5	145	6	458	73	3	20	8	135	100	26	70	M12	2	135	130H7	130H7	195	285	SP2-165	165	290	68	23	M16	322	322
09	140g6	140h6	139.5	160	6	539	82	4	23	10	150	110	33	80	M12	2	150	140H7	140H7	235	330	SP2-175	175	300	68	28	M16	322	357
10	150g6	150h6	149.5	170	6	559	92	4	23	10	160	120	33	90	M12	2	160	150H7	150H7	235	350	SP2-185	185	330	85	28	M16	392	392
11	165f6	165g6	164.5	185	7	644	112	4	23	10	175	130	33	90	M12	2	175	165H7	165H7	270	400	SP2-220	220	370	103	30	M16	392	430
12	180f6	180g6	179.5	200	7	649	122	4	23	10	190	140	33	100	M16	2	190	180H7	180H7	270	405	SP2-240	240	405	107	30	M20	483	450
13	190f6	190g6	189.5	213	7	789	137	5	23	10	200	150	33	110	M16	2	200	190H7	190	335	480	SP2-260	260	430	119	30	M20	480	510.5
14	210f6	210g6	209.5	233	8	784	147	5	28	14	220	170	33	130	M16	2	220	210H7	210	335	480	SP2-280	280	460	132	30	M20	480	510.5
15	230f6	230g6	229.5	253	8	899	157	5	28	14	240	180	39	140	M16	2	240	230H7	230	380	550	SP2-300	300	485	140	35	M20	540	590
16	240f6	240g6	239.5	263	8	899	157	5	28	14	250	190	39	150	M20	2	250	240H7	240	380	550	SP2-320	320	520	140	35	M20	540	590
17	250f6	250g6	249.5	278	8	982	177	5	30	14	265	200	39	150	M20	2	265	250H7	250	415	600	SP2-340	340	570	155	35	M20	620	640
18	280f6	280g6	279.5	306	9	982	177	5	30	14	290	210	39	160	M20	2	290	280H7	280	415	600	SP2-360	360	590	162	35	M24	620	640



- \* 端板
- \*\* 弹性挡圈
- \*\*\* 防护罩
- \*\*\*\* 输出轴
- \* End plate
- \*\* Circlip
- \*\*\* Protection cover
- \*\*\*\* Output shaft

Type B2...D(Size 04-18)

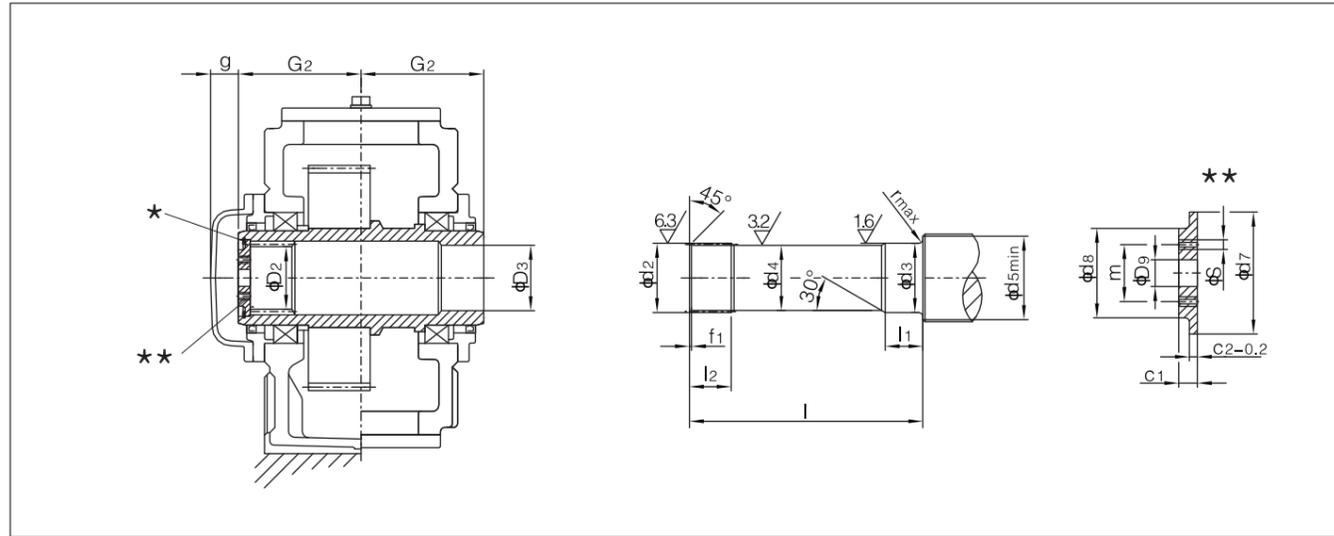
机座号 Size	被驱动设备的驱动轴 Driven equipment shaft								端板 End plate								空心轴 Hollow shaft				锁紧盘 Shrink disc		Bolt	Protection cover					
	d2	d3	d4	d5	f1	L	L1	r	c1	c2	d7	d8	d9	m	s	Number	Circlip	D2	D3	G2	G4	Type		d	d1	H	W	s1	D
04	85g6	85h6	84.5	95	4	326	48	2	17	7	90	70	22	50	M8	2	90	85H7	85H7	140	205	SP2-110	110	185	49	15	M12	212	233
05	100g6	100h6	99.5	114	5	383	53	2	20	8	105	80	26	55	M10	2	105	100H7	100H7	165	240	SP2-125	125	215	53	17	M12	252	278
06	110g6	110h6	109.5	124	5	383	58	3	20	8	115	85	26	60	M10	2	115	110H7	110H7	165	240	SP2-140	140	230	58	17	M12	252	278
07	120g6	120h6	119.5	134	5	453	68	3	20	8	125	90	26	65	M12	2	125	120H7	120H7	195	280	SP2-155	155	263	62	23	M12	322	337
08	130g6	130h6	129.5	145	6	458	73	3	20	8	135	100	26	70	M12	2	135	130H7	130H7	195	285	SP2-165	165	290	68	23	M16	322	337
09	140g6	140h6	139.5	160	6	539	82	4	23	10	150	110	33	80	M12	2	150	140H7	140H7	235	330	SP2-175	175	300	68	28	M16	322	377
10	150g6	150h6	149.5	170	6	559	92	4	23	10	160	120	33	90	M12	2	160	150H7	150H7	235	350	SP2-185	185	330	85	28	M16	392	412
11	165f6	165g6	164.5	185	7	644	112	4	23	10	175	130	33	90	M12	2	175	165H7	165H7	270	400	SP2-220	220	370	103	30	M16	392	445
12	180f6	180g6	179.5	200	7	649	122	4	23	10	190	140	33	100	M16	2	190	180H7	180H7	270	405	SP2-240	240	405	107	30	M20	483	465
13	190f6	190g6	189.5	213	7	789	137	5	23	10	200	150	33	110	M16	2	200	190H7	190	335	480	SP2-260	260	430	119	30	M20	480	533
14	210f6	210g6	209.5	233	8	784	147	5	28	14	220	170	33	130	M16	2	220	210H7	210	335	480	SP2-280	280	460	132	30	M20	480	533
15	230f6	230g6	229.5	253	8	899	157	5	28	14	240	180	39	140	M16	2	240	230H7	230	380	550	SP2-300	300	485	140	35	M20	540	625
16	240f6	240g6	239.5	263	8	899	157	5	28	14	250	190	39	150	M20	2	250	240H7	240	380	550	SP2-320	320	520	140	35	M20	540	625
17	250f6	250g6	249.5	278	8	982	177	5	30	14	265	200	39	150	M20	2	265	250H7	250	415	600	SP2-340	340	570	155	35	M20	620	670
18	280f6	280g6	279.5	306	9	982	177	5	30	14	290	210	39	160	M20	2	290	280H7	280	415	600	SP2-360	360	590	162	35	M24	620	670

注: 1.被驱动设备的驱动轴材质: 40Cr或强度更高的钢。  
2.被驱动设备的驱动轴不在我们的供货范围之内。如果需要的话,请另订货  
3.锁紧盘、防护罩、端板及弹性挡圈均为带锁紧盘联接空心轴的标准配制。  
4.被驱动设备的驱动轴表面不得沾有机油或润滑脂。

Note: 1.Material of driven equipment shaft: 40cr or steel with higher strength.  
2.Driven equipment shaft is not in scope of supply, please order if required.  
3.Shrink disc, protection cover, end plate and circlip are supplied with gearbox as standard.  
4.Driven equipment shaft shrink disc for connection.Driven machine shaft must be free of oil or grease.

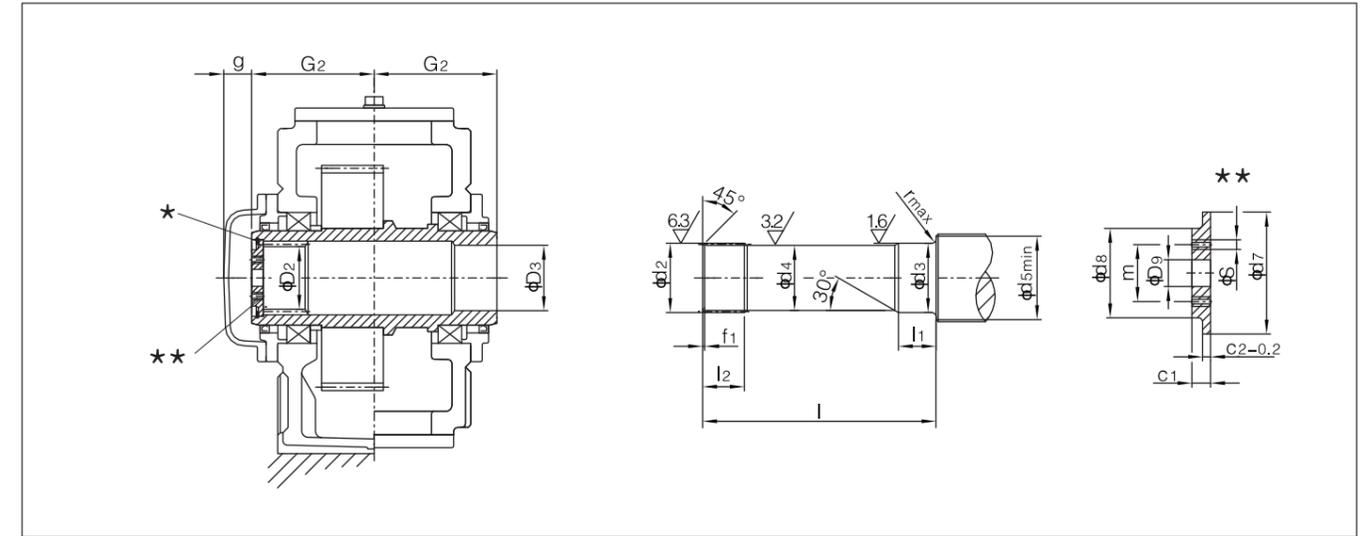
14.3 带花键空心轴  
尺寸图表

14.3 Hollow shaft  
with involute spline



★ 弹性挡圈  
★★ 端板

★ Connection flange  
★★ Coupling



★ 弹性挡圈  
★★ 端板

★ Connection flange  
★★ Coupling

Type H2...K,H3...K,H4...K,B3...K,B4...K(Size 04-18)

机座号 Size	渐开 线花 键 DIN5480	被驱动 设备的 驱动轴										端板					弹性挡圈 Circlip	空心 轴 Hollow shaft				螺栓 Bolt		
		d2	d3	d4	d5	f1	l	l1	l2	r	c1	c2	d7	d8	D9	m		s	Number	D2	D3		G2	g
5	W95X3X30X30X8f	94.4h11	100h6	93	114	3	308	53	90	2	20	8	105d9	80	26	55	M10	2	105	89H11	100H7	165	30.5	M24
6	W95X3X30X30X8f	94.4h11	110h6	93	124	3	308	58	90	3	20	8	105d9	80	26	55	M10	2	105	89H11	110H7	165	30.5	M24
7	W120X3X30X38X8f	119.4h11	120h6	118	134	3	368	68	105	3	20	8	125d9	90	26	65	M12	2	125	114H11	120H7	195	37	M24
8	W120X3X30X38X8f	119.4h11	130h6	118	145	3	368	73	105	3	20	8	125d9	90	26	65	M12	2	125	114H11	130H7	195	37	M24
9	W140X3X30X45X8f	139.4h11	145h6	138	160	3	444	82	125	4	23	10	150d9	110	33	80	M12	2	150	134H11	145H7	235	32	M30
10	W140X3X30X45X8f	139.4h11	155h6	138	170	3	444	92	125	4	23	10	150d9	110	33	80	M12	2	150	134H11	155H7	235	37	M30
11	W170X5X30X32X8f	169h11	170g6	168	185	5	514	112	150	4	23	10	175d9	130	33	90	M12	2	175	160H11	170H7	270	40	M30
12	W170X5X30X32X8f	169h11	185g6	168	200	5	514	122	150	4	23	10	175d9	130	33	90	M12	2	175	160H11	185H7	270	50	M30
13	W190x5x30x36x8f	189h11	195g6	188	213	5	644	137	180	5	23	10	200d9	150	33	110	M16	2	200	180H11	195H7	335	42.5	M30
14	W190x5x30x36x8f	189h11	215g6	188	233	5	644	147	180	5	23	10	200d9	150	33	110	M16	2	200	180H11	215H7	335	42.5	M20
15	W220x5x30x42x8f	219h11	235g6	218	253	5	728	157	200	5	28	14	240d9	180	39	140	M16	2	240	210H11	235H7	380	57	M36
16	W220x5x30x42x8f	219h11	245g6	218	263	5	728	157	200	5	28	14	240d9	180	39	140	M16	2	240	210H11	245H7	380	57	M36
17	W250x5x30x48x8f	249h11	260g6	248	278	5	796	177	215	5	30	14	265d9	200	39	150	M20	2	265	240H11	260H7	415	57	M36
18	W250x5x30x48x8f	249h11	285g6	248	306	5	796	177	215	5	30	14	265d9	200	39	150	M20	2	265	240H11	285H7	415	57	M36

Type B2...K(Size 04-12)

机座号 Size	渐开 线花 键 DIN5480	被驱动 设备的 驱动轴										端板					弹性挡圈 Circlip	空心 轴 Hollow shaft				螺栓 Bolt		
		d2	d3	d4	d5	f1	l	l1	l2	r	c1	c2	d7	d8	D9	m		s	Number	D2	D3		G2	g
5	W95X3X30X30X8f	94.4h11	100h6	93	114	3	308	53	90	2	20	8	105d9	80	26	55	M10	2	105	89H11	100H7	165	43	M24
6	W95X3X30X30X8f	94.4h11	110h6	93	124	3	308	58	90	3	20	8	105d9	80	26	55	M10	2	105	89H11	110H7	165	43	M24
7	W120X3X30X38X8f	119.4h11	120h6	118	134	3	368	68	105	3	20	8	125d9	90	26	65	M12	2	125	114H11	120H7	195	52	M24
8	W120X3X30X38X8f	119.4h11	130h6	118	145	3	368	73	105	3	20	8	125d9	90	26	65	M12	2	125	114H11	130H7	195	52	M24
9	W140X3X30X45X8f	139.4h11	145h6	138	160	3	444	82	125	4	23	10	150d9	110	33	80	M12	2	150	134H11	145H7	235	52	M30
10	W140X3X30X45X8f	139.4h11	155h6	138	170	3	444	92	125	4	23	10	150d9	110	33	80	M12	2	150	134H11	155H7	235	57	M30
11	W170X5X30X32X8f	169h11	170g6	168	185	5	514	112	150	4	23	10	175d9	130	33	90	M12	2	175	160H11	170H7	270	55	M30
12	W170X5X30X32X8f	169h11	185g6	168	200	5	514	122	150	4	23	10	175d9	130	33	90	M12	2	175	160H11	185H7	270	65	M30
13	W190x5x30x36x8f	189h11	195g6	188	213	5	644	137	180	5	23	10	200d9	150	33	110	M16	2	200	180H11	195H7	335	65	M30
14	W190x5x30x36x8f	189h11	215g6	188	233	5	644	147	180	5	23	10	200d9	150	33	110	M16	2	200	180H11	215H7	335	65	M20
15	W220x5x30x42x8f	219h11	235g6	218	253	5	728	157	200	5	28	14	240d9	180	39	140	M16	2	240	210H11	235H7	380	92	M36
16	W220x5x30x42x8f	219h11	245g6	218	263	5	728	157	200	5	28	14	240d9	180	39	140	M16	2	240	210H11	245H7	380	92	M36
17	W250x5x30x48x8f	249h11	260g6	248	278	5	796	177	215	5	30	14	265d9	200	39	150	M20	2	265	240H11	260H7	415	97	M36
18	W250x5x30x48x8f	249h11	285g6	248	306	5	796	177	215	5	30	14	265d9	200	39	150	M20	2	265	240H11	285H7	415	97	M36

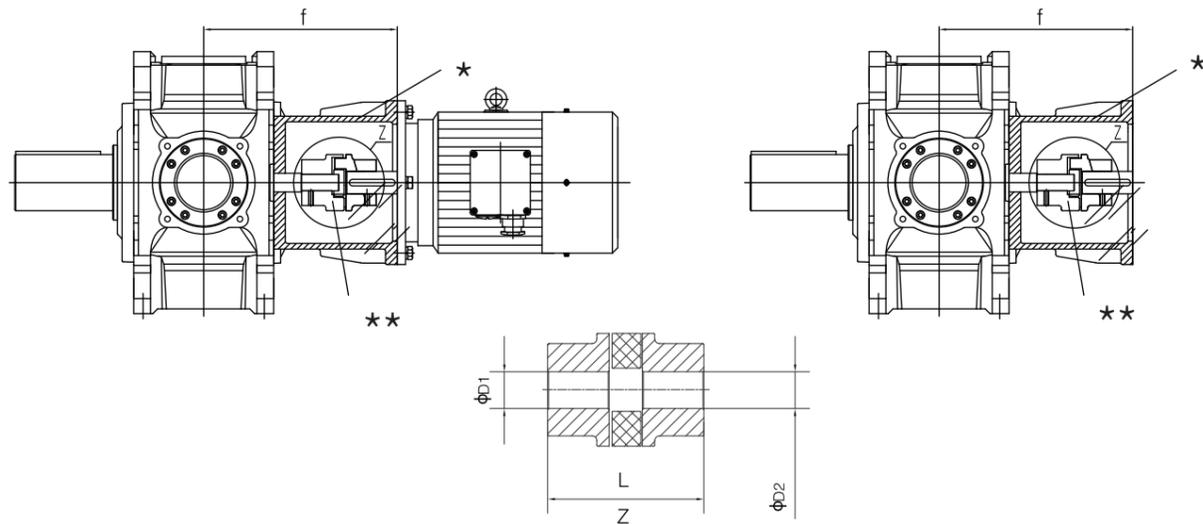
注：1.被驱动设备的驱动轴材质：40Cr或强度更高的钢。  
2.被驱动设备的驱动轴不在我们的供货范围之内。如果需要的话，请另订货  
3.锁紧盘、防护罩、端板及弹性挡圈均为带锁紧盘联接空心轴的标准配制。  
4.被驱动设备的驱动轴表面不得沾有机油或润滑脂。  
5.带花键联接的工作机驱动轴，安装时花键需加注润滑脂。  
6.带按照DIN332加工的DS型中心孔(螺纹孔)的工作机驱动轴

Note: 1.Material of driven equipment shaft: 40cr or steel with higher strength.  
2.Driven equipment shaft is not in scope of supply, please order if required.  
3.Shrink disc, protection cover, end plate and circlip are supplied with gearbox as standard.  
4.Driven equipment shaft shrink disc for connection.Driven machine shaft must be free of oil or grease.  
5.Driven machine shaft with involute spline must be filled with grease before installation.  
6.Driven machine shaft with DS center hole machined acc. to DIN 332

15 法兰输入和带电机  
输入(附件代号:UF31)

15 Input with motor and  
flange input(Code:UF31)

H2

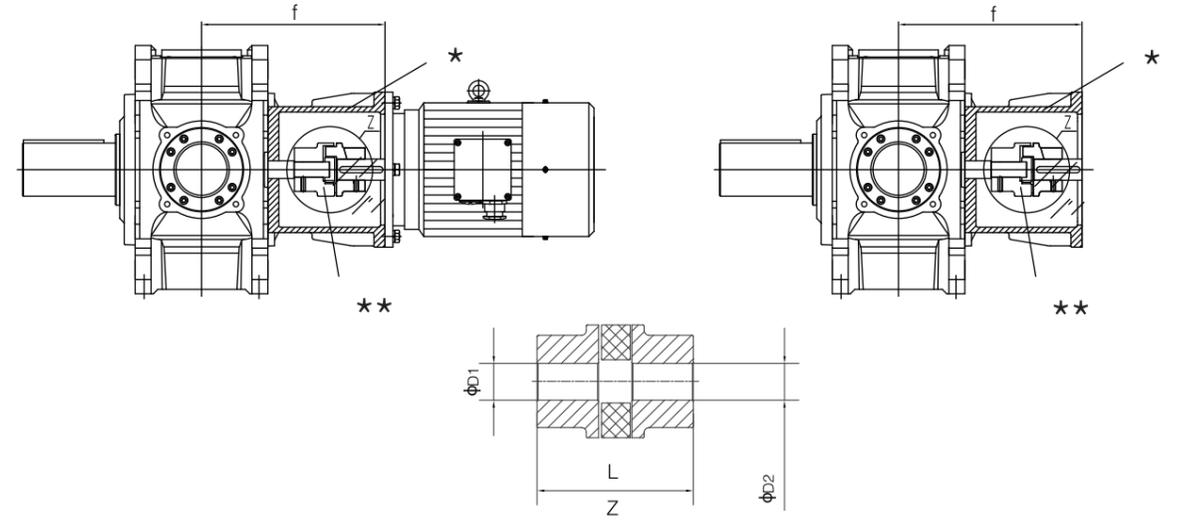


H2			iN≤11.2				iN≥12.5					
Size	Y Motor	F Flange	Coupling				f	Coupling				f
			Type	D1	D2	L		Type	D1	D2	L	
4	160						Ga55	32	42	160	375	
	180						GA55	32	48	160	375	
	200						GA65	32	55	185	390	
	225	GA65	45	60	185	425	GA65	32	60	185	425	
5/6	200						GA65	38	55	185	415	
	225						GA65	38	60	185	445	
	250	GA75	50	65	210	460	GA75	38	65	210	460	
	280	GA75	50	75	210	460	GA75	38	75	210	460	
7/8	225						GA65	50	60	185	475	
	250	GA75	60	65	210	505	GA75	50	65	210	505	
	280	GA75	60	75	210	505	GA75	50	75	210	505	
	315*	GA90	60	80	245	530	GA90	50	80	245	530	

★ 连接法兰  
★★ 联轴器

★ Connection flange  
★★ Coupling

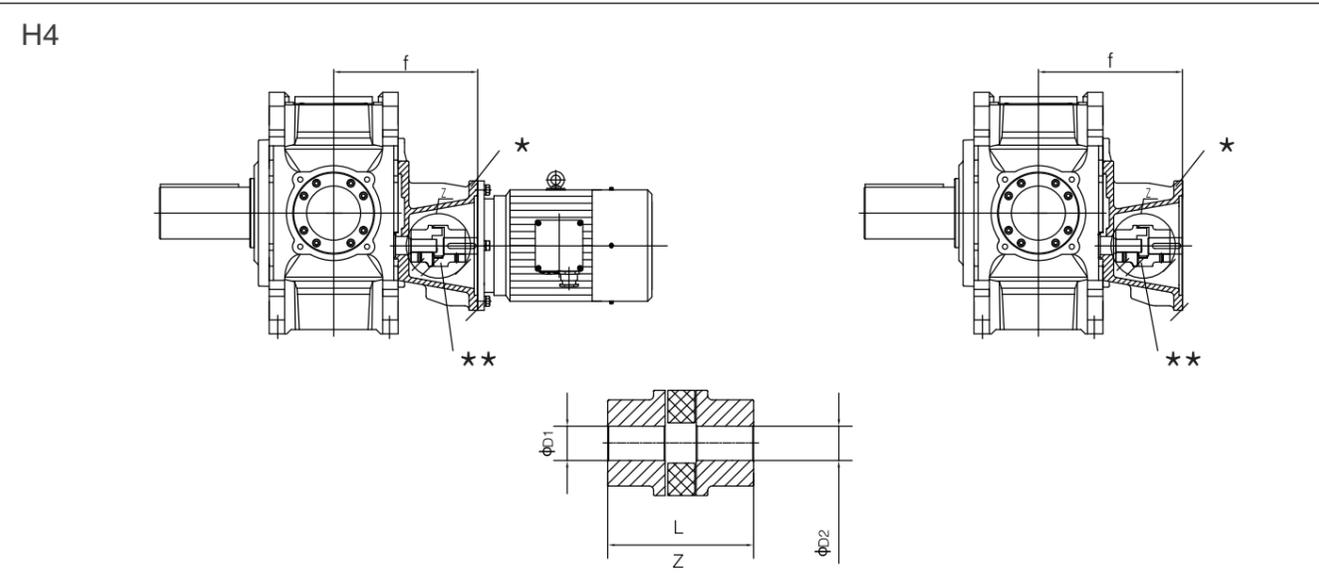
H3



H3			iN≤45 (Size: 5, 6, 17) iN≤50 (Size: 7-16, 18)				iN≥50 (Size: 5, 6, 17) iN≥56 (Size: 7-16, 18)					
Size	Y Motor	F Flange	Coupling				f	Coupling				f
			Type	D1	D2	L		Type	D1	D2	L	
5/6	132						GA42	30	38	126	311	
	160		GA55	40	42	160	360	GA55	30	42	160	360
	180		GA55	40	48	160	360	GA55	30	48	160	360
	200		GA65	40	55	185	375	GA65	30	55	185	376
	225		GA65	40	60	185	404.5	GA65	30	60	185	404.5
7/8	160						GA55	35	42	160	415	
	180						GA55	35	48	160	415	
	200	GA65	45	55	185	435	GA65	35	55	185	435	
	225	GA65	45	60	185	465	GA65	35	60	185	465	
	250	GA75	45	65	210	475	GA75	35	65	210	475	
9/10	160						GA55	45	42	160	470	
	180						GA55	45	48	160	470	
	200	GA65	60	55	185	495	GA65	45	55	185	495	
	225	GA65	60	60	185	530	GA65	45	60	185	530	
	250	GA75	60	65	210	530	GA75	45	65	210	530	
11/12	280	GA75	60	75	210	530						
	225						GA65	50	60	185	535	
	250	GA75	70	65	210	565	GA75	50	65	210	565	
13/14	280	GA75	70	75	210	565	GA75	50	75	210	565	
	250						GA75	60	65	210	615	
	280						GA75	60	75	210	615	
	315	GA90	85	80	245	675	GA90	60	80	245	675	
15/16	355	GA110	85	95	295	675	GA110	60	95	295	675	
	250						GA75	75	65	210	660	
	280						GA75	75	75	210	660	
	315	GA100	100	80	270	755	GA100	75	80	270	755	
17/18	355	GA110	100	95	295	755	GA110	75	95	295	755	
	315						GA90	75	80	245	725	
	355	GA110	100	95	295	790	GA110	75	95	295	790	

★ 连接法兰  
★★ 联轴器

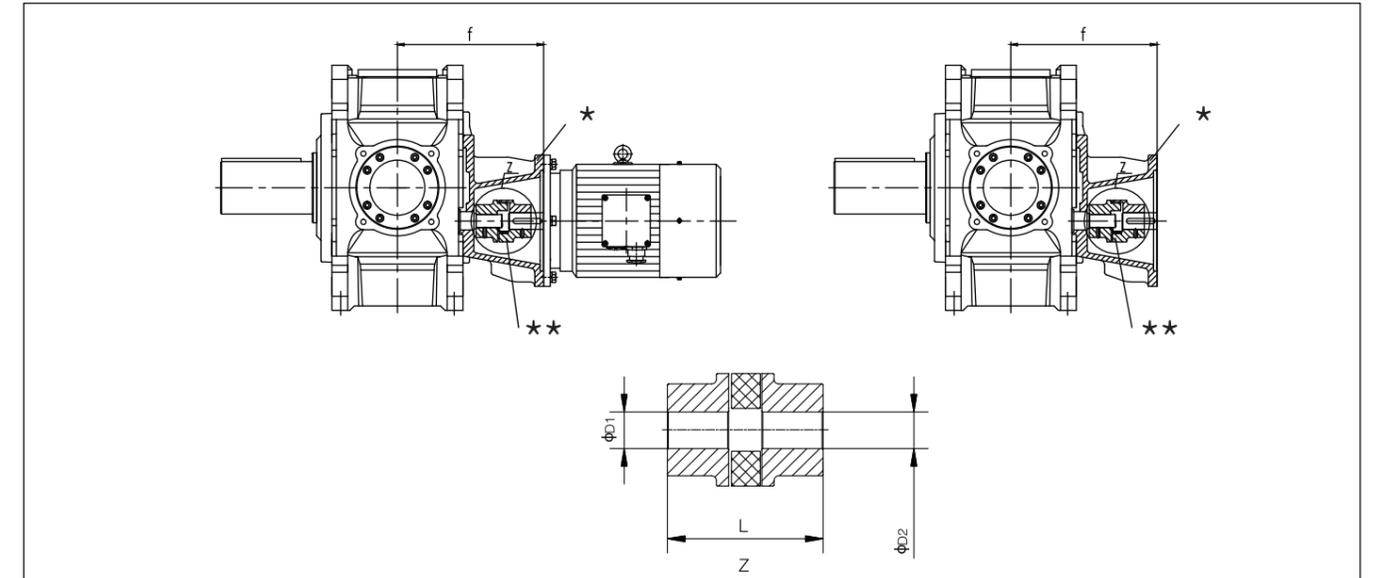
★ Connection flange  
★★ Coupling



H4			iN≤200 (Size: 7, 8, 9, 10) iN≤224 (Size: 11, 12)				iN≥224 (Size: 7, 8, 9, 10) iN≥250 (Size: 11, 12)					
Size	Y Motor	F Flange	Coupling				f	Coupling				f
			Type	D1	D2	L		Type	D1	D2	L	
7/8	132		GA42	30	38	126	335	GA42	24	38	126	335
	160		GA55	30	42	160	385	GA55	24	42	160	385
	180		GA55	30	48	160	385	GA55	24	48	160	385
9/10	132		GA42	35	38	126	370	GA42	28	38	126	370
	160		GA55	35	42	160	420	GA55	28	42	160	420
	180		GA55	35	48	160	420	GA55	28	48	160	420
	200		GA65	35	55	185	435	GA65	28	55	185	435
11/12	160							GA55	32	42	160	480
	180		GA55	45	48	160	480	GA55	32	48	160	480
11/12	200		GA65	45	55	185	490	GA65	32	55	185	490
	225		GA65	45	60	185	510	GA65	32	60	185	510
11/12	250		GA75	45	65	210	515					

\* 连接法兰  
\*\* 联轴器

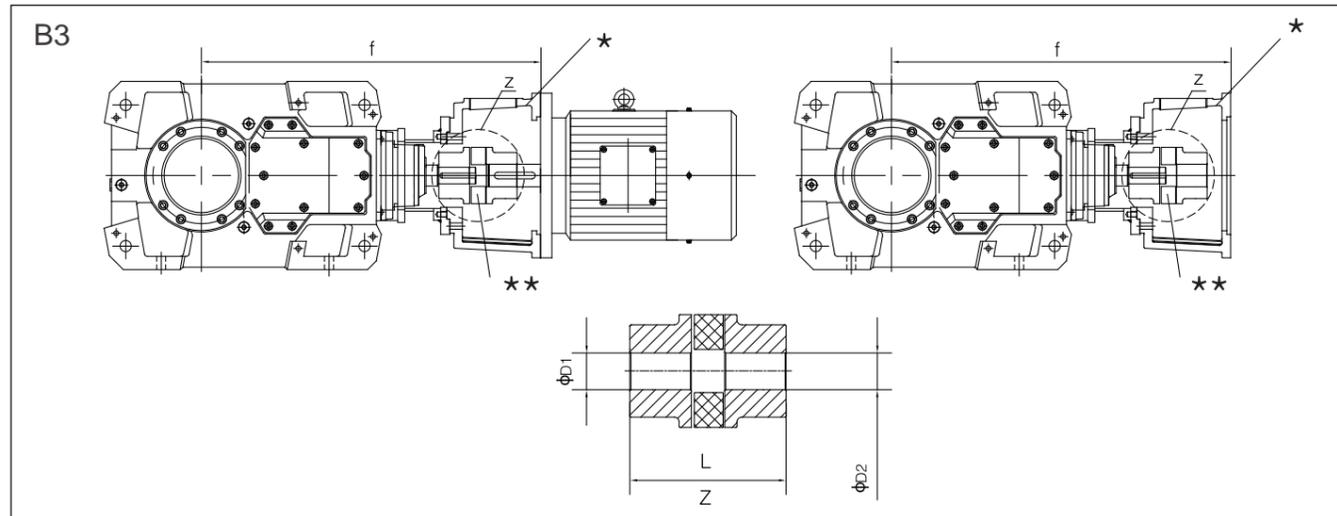
\* Connection flange  
\*\* Coupling



H4			iN≤224 (Size: 13, 14, 15, 16, 18) iN≤200 (Size: 17)				iN≥250 (Size: 13, 14, 15, 16, 18) iN≥224 (Size: 17)					
Size	M Motor	F Flange	Coupling				f	Coupling				f
			Type	D1	D2	L		Type	D1	D2	L	
13/14	160							GA55	38	42	160	510
	180							GA55	38	48	160	510
	200		GA65	50	55	185	535	GA65	38	55	185	535
	225		GA65	50	60	185	565	GA65	38	60	185	565
	250		GA75	50	65	210	570	GA75	38	65	210	570
	280		GA75	50	75	210	570					
15/16	200							GA65	50	55	185	575
	225		GA65	60	60	185	635	GA65	50	60	185	635
	250		GA75	60	65	210	635	GA75	50	65	210	635
	280		GA75	60	75	210	635	GA75	50	75	210	635
17/18	225							GA65	50	60	185	640
	250							GA75	50	65	210	670
	280		GA75	60	75	210	670	GA75	50	75	210	670
	315		GA90	60	80	245	700	GA90	50	80	245	700

\* 连接法兰  
\*\* 联轴器

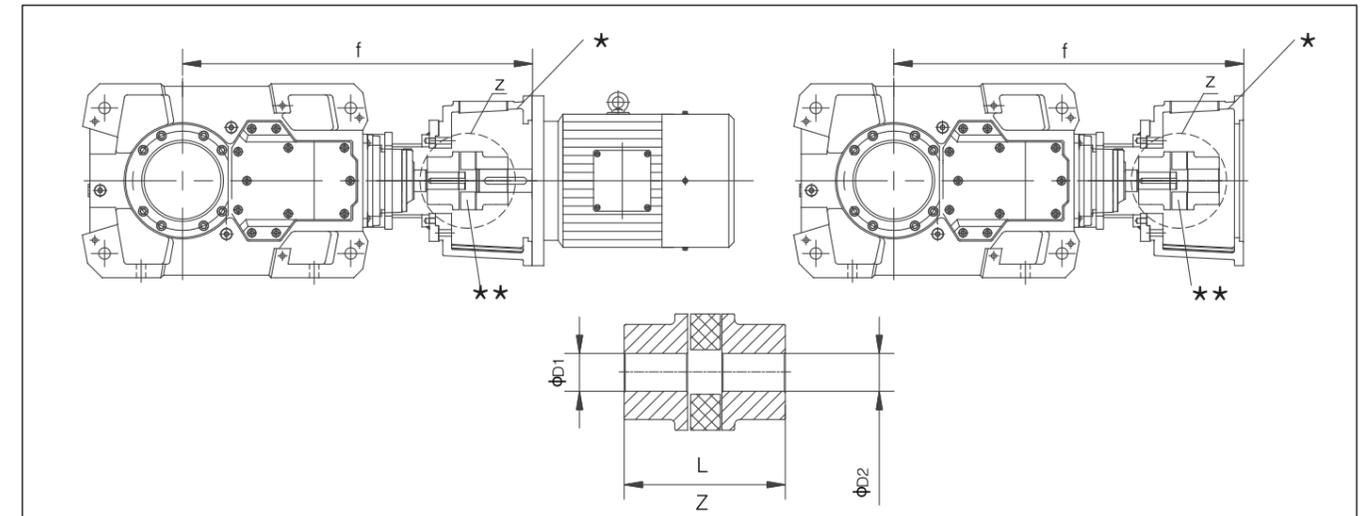
\* Connection flange  
\*\* Coupling



B3			iN ≤ 63				iN ≥ 71					
Size	Y Motor	F Flange	Coupling			f	Coupling				f	
			Type	D1	D2		L	Type	D1	D2		L
4	132						GA42	30	38	126	664	
	160		GA55	35	42	160	718	GA55	30	42	160	718
	180		GA55	35	48	160	718	GA55	30	48	160	718
	200		GA65	35	55	185	724					
5	160		GA55	45	42	160	812	GA55	35	42	160	812
	180		GA55	45	48	160	812	GA55	35	48	160	812
	200		GA65	45	55	185	818	GA65	35	55	185	818
	225		GA65	45	60	185	848					
6	160		GA55	45	42	160	847	GA55	35	42	160	847
	180		GA55	45	48	160	847	GA55	35	48	160	847
	200		GA65	45	55	185	853	GA65	35	55	185	853
	225		GA65	45	60	185	883					
7	160							GA55	40	42	160	923
	180							GA55	40	48	160	923
	200		GA65	50	55	185	932	GA65	40	55	185	932
	225		GA65	50	60	185	962	GA65	40	60	185	962
	250		GA75	50	65	210	965	GA75	40	65	210	965
8	160							GA55	40	42	160	968
	180							GA55	40	48	160	968
	200		GA65	50	55	185	977	GA65	40	55	185	977
	225		GA65	50	60	185	1007	GA65	40	60	185	1007
	250		GA75	50	65	210	1010	GA75	40	65	210	1010
9	200							GA65	50	55	185	1067
	225		GA65	60	60	185	1097	GA65	50	60	185	1097
	250		GA75	60	65	210	1100	GA75	50	65	210	1100
	280		GA75	60	75	210	1100	GA75	50	75	210	1100
10	200							GA65	50	55	185	1117
	225		GA65	60	60	185	1147	GA65	50	60	185	1147
	250		GA75	60	65	210	1150	GA75	50	65	210	1150
	280		GA75	60	75	210	1150	GA75	50	75	210	1150
11	225							GA65	60	60	185	1267
	250		GA75	75	65	210	1270	GA75	60	65	210	1270
	280		GA75	75	75	210	1270	GA75	60	75	210	1270
12	225							GA65	60	60	185	1337
	250		GA75	75	65	210	1340	GA75	60	65	210	1340
	280		GA75	75	75	210	1340	GA75	60	75	210	1340

★ 连接法兰  
★★ 联轴器

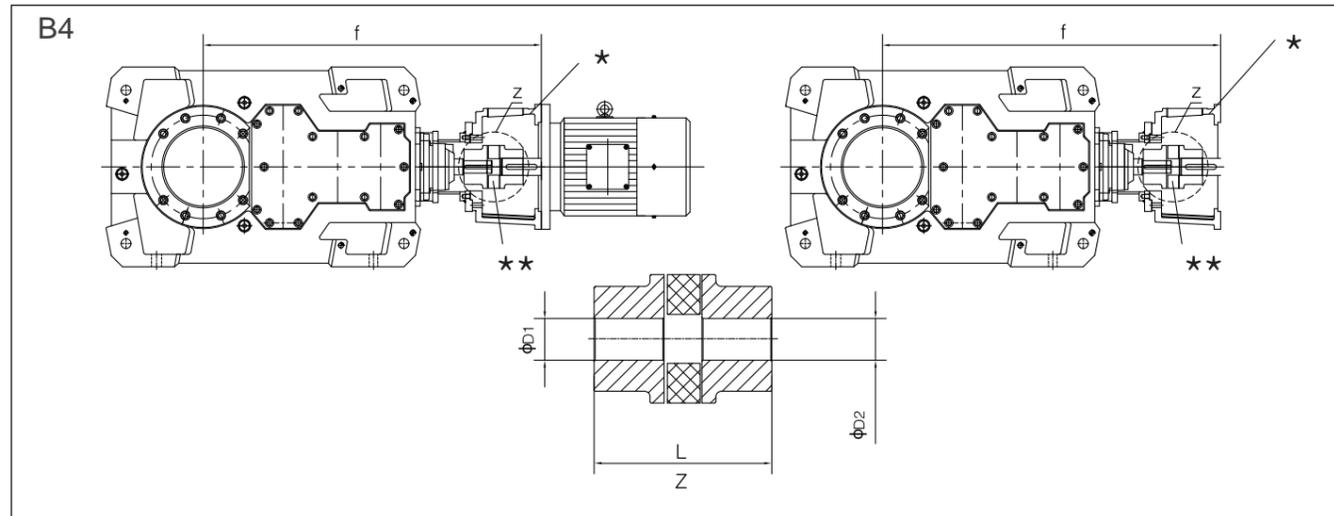
★ Connection flange  
★★ Coupling



B3			iN ≤ 63 (Size: 13, 14, 15, 16, 18) iN ≤ 56 (Size: 17)				iN ≥ 71 (Size: 13, 14, 15, 16, 18) iN ≥ 63 (Size: 17)					
Size	M Motor	F Flange	Coupling			f	Coupling				f	
			Type	D1	D2		L	Type	D1	D2		L
13	250						GA75	70	65	210	1420	
	280						GA75	70	75	210	1420	
	315		GA90	85	80	245	1474	GA90	70	80	245	1474
	355		GA110	85	95	295	1474	GA110	70	95	295	1474
14	250						GA75	70	65	210	1490	
	280						GA75	70	75	210	1490	
	315		GA90	85	80	245	1544	GA90	70	80	245	1544
	355		GA110	85	95	295	1544	GA110	70	95	295	1544
15	315		GA110	95	80	295	1731	GA90	75	80	245	1731
	355		GA110	95	95	295	1731	GA110	75	95	295	1731
16	315		GA110	95	80	295	1777	GA90	75	80	245	1777
	355		GA110	95	95	295	1777	GA110	75	95	295	1777
17	315							GA90	90	80	245	1959
	355		GA110	115	95	295	1959	GA110	90	95	295	1959
18	315							GA90	90	80	245	2019
	355		GA110	115	95	185	2019	GA110	90	95	295	2019

★ 连接法兰  
★★ 联轴器

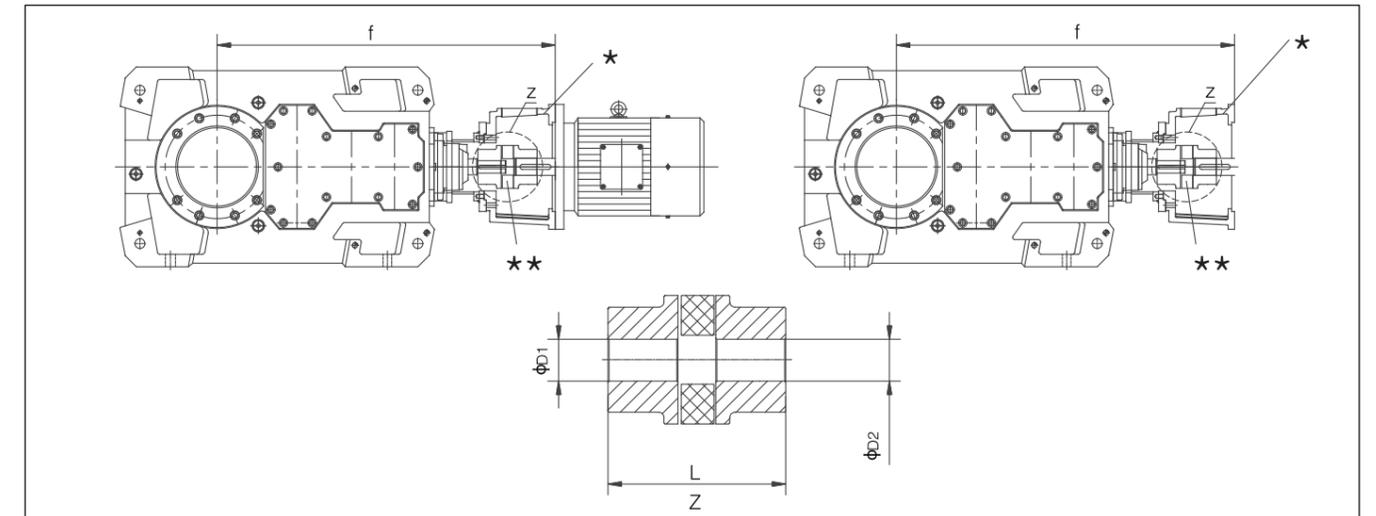
★ Connection flange  
★★ Coupling



B4			iN ≤ 250 (Size: 9, 10) iN ≤ 280 (Size: 5, 6, 7, 8, 11, 12)				iN ≥ 280 (Size: 9, 10) iN ≥ 315 (Size: 5, 6, 7, 8, 11, 12)					
Size	Y Motor	F Flange	Coupling				f	Coupling				f
			Type	D1	D2	L		Type	D1	D2	L	
5	132		GA42	35	38	126	784	Ga42	25	38	126	784
	160		GA55	35	42	160	837					
6	132		GA42	35	38	126	819	GA42	25	38	126	819
	160		GA55	35	42	160	872					
7	132		GA42	35	38	126	889	GA42	30	38	126	889
	160		GA55	35	42	160	943	GA55	30	42	160	943
	180		GA55	35	48	160	943	GA55	30	48	160	943
8	200		GA65	35	55	185	949					
	132		GA42	35	38	126	934	GA42	30	38	126	934
9	160		GA55	35	42	160	988	GA55	30	42	160	988
	180		GA55	35	48	160	988	GA55	30	48	160	988
	200		GA65	35	55	185	994					
	225		GA65	35	60	185	1113					
10	132							GA42	35	38	126	1023
	160		GA55	45	42	160	1077	GA55	35	42	160	1077
	180		GA55	45	48	160	1077	GA55	35	48	160	1077
	200		GA65	45	55	185	1083					
	225		GA65	45	60	185	1113					
11	132							GA42	35	38	126	1073
	160		GA55	45	42	160	1127	GA55	35	42	160	1127
	180		GA55	45	48	160	1127	GA55	35	48	160	1127
	200		GA65	45	55	185	1133					
	225		GA65	45	60	185	1163					
12	160							GA55	40	42	160	1243
	180		GA55	50	48	160	1244	GA55	40	48	160	1243
	200		GA65	50	55	185	1252	GA65	40	55	185	1252
	225		GA65	50	60	185	1282	GA65	40	60	185	1282
	250		GA75	50	65	210	1285					
	280		GA75	50	75	210	1285					
13	160							GA55	40	42	160	1313
	180		GA55	50	48	160	1314	GA55	40	48	160	1313
	200		GA65	50	55	185	1322	GA65	40	55	185	1322
	225		GA65	50	60	185	1352	GA65	40	60	185	1352
	250		GA75	50	65	210	1355					
14	280		GA75	50	75	210	1355					
	160							GA55	40	42	160	1243
	180		GA55	50	48	160	1244	GA55	40	48	160	1243
	200		GA65	50	55	185	1252	GA65	40	55	185	1252
	225		GA65	50	60	185	1282	GA65	40	60	185	1282
15	250		GA75	50	65	210	1285					
	160							GA55	40	42	160	1243
	180		GA55	50	48	160	1244	GA55	40	48	160	1243
	200		GA65	50	55	185	1252	GA65	40	55	185	1252
	225		GA65	50	60	185	1282	GA65	40	60	185	1282
16	250		GA75	50	65	210	1285					
	160							GA55	40	42	160	1243
	180		GA55	50	48	160	1244	GA55	40	48	160	1243
	200		GA65	50	55	185	1252	GA65	40	55	185	1252
	225		GA65	50	60	185	1282	GA65	40	60	185	1282
17	280		GA75	50	75	210	1285					
	160							GA55	40	42	160	1243
	180		GA55	50	48	160	1244	GA55	40	48	160	1243
	200		GA65	50	55	185	1252	GA65	40	55	185	1252
	225		GA65	50	60	185	1282	GA65	40	60	185	1282
18	250		GA75	50	65	210	1285					
	160							GA55	40	42	160	1243
	180		GA55	50	48	160	1244	GA55	40	48	160	1243
	200		GA65	50	55	185	1252	GA65	40	55	185	1252
	225		GA65	50	60	185	1282	GA65	40	60	185	1282

★ 连接法兰  
★★ 联轴器

★ Connection flange  
★★ Coupling



B4			iN ≤ 280 (Size : 13, 14, 15, 16, 18) iN ≤ 250 (Size : 17)				iN ≥ 315 (Size : 13, 14, 15, 16, 18) iN ≥ 280 (Size : 17)					
Size	M Motor	F Flange	Coupling				f	Coupling				f
			Type	D1	D2	L		Type	D1	D2	L	
13	180							GA55	50	48	160	1429
	200		GA65	60	55	185	1437	GA65	50	55	185	1437
	225		GA65	60	60	185	1467	GA65	50	60	185	1467
	250		GA75	60	65	210	1470	GA75	50	65	210	1470
	280		GA75	60	75	210	1470	GA75	50	75	210	1470
14	315		GA90	60	80	245	1524					
	180							GA55	50	48	160	1499
	200		GA65	60	55	185	1507	GA65	50	55	185	1507
	225		GA65	60	60	185	1537	GA65	50	60	185	1537
	250		GA75	60	65	210	1540	GA75	50	65	210	1540
15	280		GA75	60	75	210	1540	GA75	50	75	210	1540
	315		GA90	60	80	245	1594					
	200							GA65	60	55	185	1679
	225		GA75	75	60	210	1709	GA65	60	60	185	1709
16	250		GA75	75	65	210	1712	GA75	60	65	210	1712
	280		GA75	75	75	210	1712	GA75	60	75	210	1712
	315		GA90	75	80	245	1766	GA90	60	80	245	1766
	355		GA110	75	95	295	1766					
17	200							GA65	60	55	185	1725
	225		GA75	75	60	210	1755	GA65	60	60	185	1755
	250		GA75	75	65	210	1758	GA75	60	65	210	1758
	280		GA75	75	75	210	1758	GA75	60	75	210	1758
	315		GA90	75	80	245	1812	GA90	60	80	245	1812
18	355		GA110	75	95	295	1812					
	225							GA65	60	60	185	1757
	250							GA75	60	65	210	1760
	280		GA75	75	75	210	1760	GA75	60	75	210	1760
	315		GA90	75	80	245	1814	GA90	60	80	245	1814
19	355		GA110	75	95	295	1814					
	225							GA65	60	60	185	1817
	250							GA75	60	65	210	1820
	280		GA75	75	75	210	1820	GA75	60	75	210	1820
20	315		GA90	75	80	245	1874	GA90	60	80	245	1874
	355		GA110	75	95	295	1874					

★ 连接法兰  
★★ 联轴器

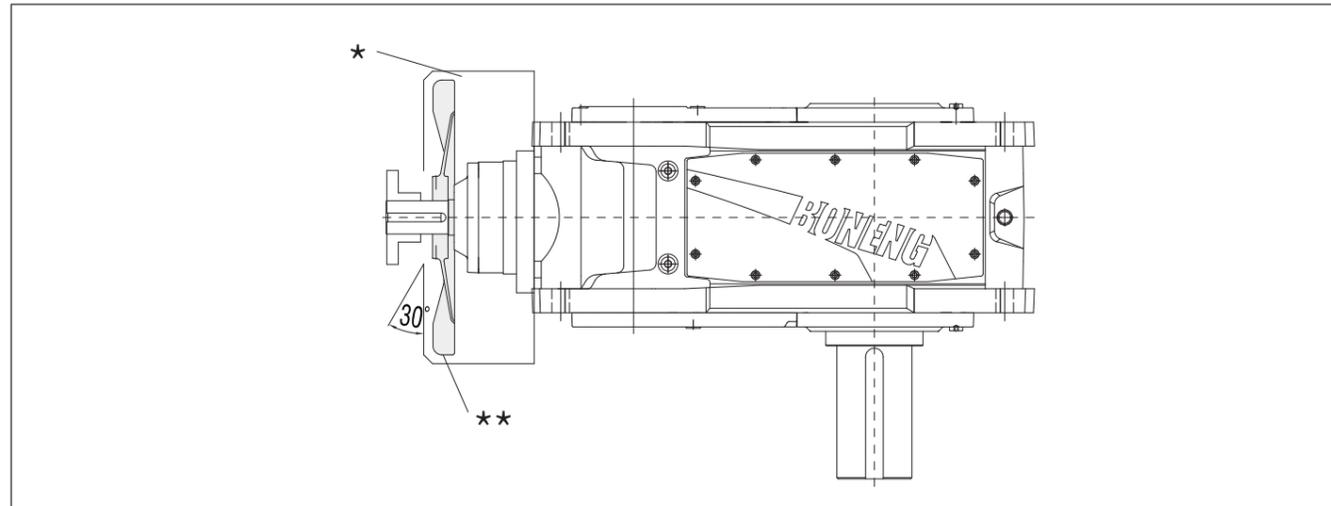
★ Connection flange  
★★ Coupling

16 附件

16 Accessory

16.1 冷却风扇(附件代号:UF21)

16.1 Cooling fan (Accessory code:UF21)



\* 风扇罩  
\*\* 冷却风扇

\* Fan cover  
\*\* Cooling fan

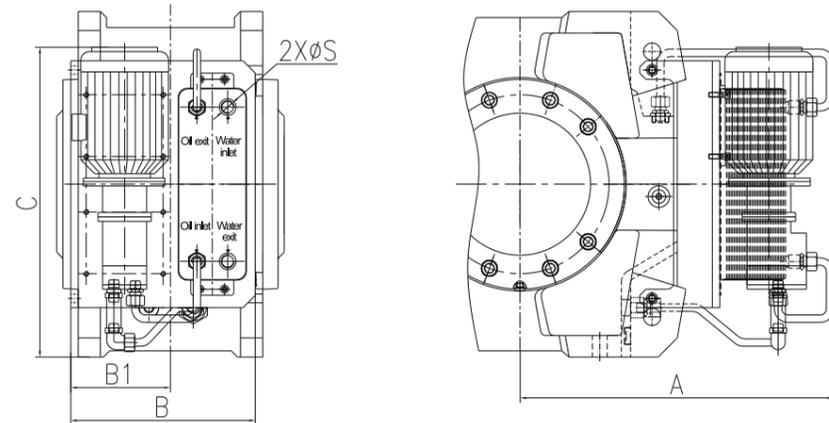
16.2 水油冷却器(附件代号:UC22)

16.2 Water oil cooler (Accessory code:UC22)

16.2.1 卧式安装

16.2.1 Horizontal mounting

H2..H,H3..H,B2..H,B3..H

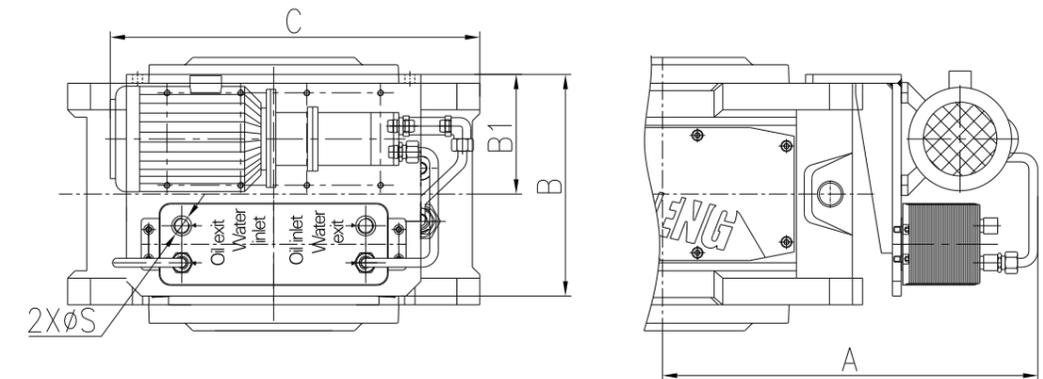


Size	A	B	B1	C	S	Water quantity (L/min)
04	435	225	117.5	429	G1/2	5
05	480	265	139.5	452	G1/2	5
06	525	265	139.5	452	G1/2	5
07	510	306	162	502	G1/2	5
08	580	306	162	502	G1/2	5
09	545	360	201	602	G1/2	5
10	595	360	201	602	G1/2	5
11	585	360	231	670	G1/2	5
12	670	360	231	670	G1/2	5
13	772	405	288.5	714	G1/2	10
14	842	405	288.5	714	G1/2	10
15	883	405	326	774	G1/2	10
16	925	405	326	774	G1/2	10
17	929	405	356	849	G1/2	14
18	989	405	356	849	G1/2	14

16.2.2 立式安装

16.2.2 Vertical mounting

H2..V,H3..V,B2..V,B3..V



Size	A	B	B1	C	S	Water quantity (L/min)
04	435	225	117.5	429	G1/2	5
05	480	265	139.5	452	G1/2	5
06	525	265	139.5	452	G1/2	5
07	510	306	162	502	G1/2	5
08	580	306	162	502	G1/2	5
09	545	360	201	602	G1/2	5
10	595	360	201	602	G1/2	5
11	585	360	231	670	G1/2	5
12	670	360	231	670	G1/2	5
13	772	405	288.5	714	G1/2	10
14	842	405	288.5	714	G1/2	10
15	883	405	326	774	G1/2	10
16	925	405	326	774	G1/2	10
17	929	405	356	849	G1/2	14
18	989	405	356	849	G1/2	14

16.3 齿轮箱内置冷却盘管(附件代号:UC21)  
16.3.1 卧式安装

16.3 Cooling coil (Accessory code:UC21)  
16.3.1 Horizontal mounting



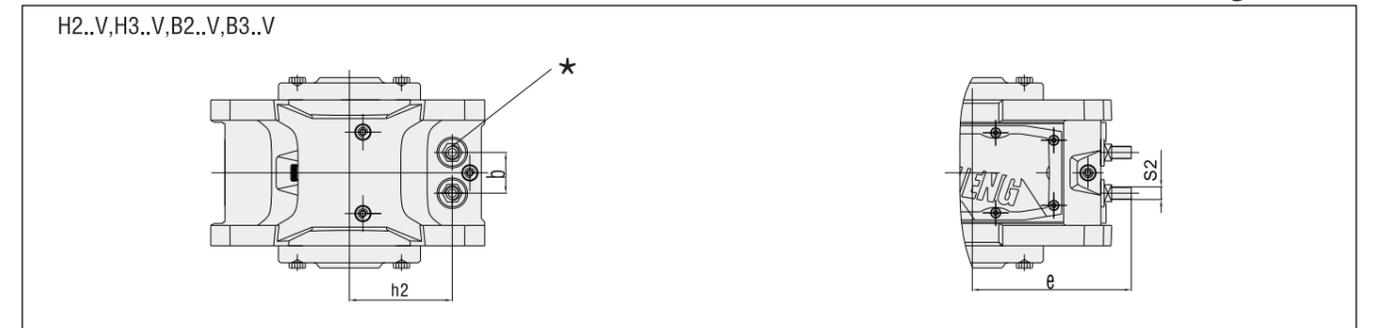
Type	H2..H / B3..H					H3..H					B2..H				
	b	e	h	s	Water quantity (L/min)	b	e	h	s	Water quantity (L/min)	b	e	h	s	Water quantity (L/min)
04	60	192	48	G1/2	6	-	-	-	-	-	60	192	48	G1/2	10
05	70	206	64	G1/2	6	70	200	64	G1/2	6	70	211	64	G1/2	10
06	70	254	55	G1/2	6	70	246	55	G1/2	6	70	253	55	G1/2	10
07	70	236	80	G1/2	6	70	236	80	G1/2	6	70	241	80	G1/2	10
08	70	283	75	G1/2	6	70	283	75	G1/2	6	70	293	75	G1/2	10
09	70	267.5	70	G1/2	10	70	267.5	70	G1/2	6	70	267.5	70	G1/2	10
10	70	316	70	G1/2	10	70	316	70	G1/2	6	70	316	70	G1/2	10
11	70	296	90	G1/2	10	70	296	90	G1/2	10	70	302	90	G1/2	10
12	70	381	90	G1/2	10	70	381	90	G1/2	10	70	386	90	G1/2	10
13	150	386	120	G1/2	10	150	386	120	G1/2	10	150	386	120	G1/2	10
14	150	456	120	G1/2	10	150	446	120	G1/2	10	150	446	120	G1/2	10
15	200	439	120	G1/2	10	200	424	120	G1/2	10	200	424	120	G1/2	10
16	200	494	120	G1/2	10	200	494	120	G1/2	10	200	494	120	G1/2	10
17	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
18	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

★ 冷却盘管接口尺寸

★ Cooling coil water connection

16.3.2 立式安装

16.3.2 Vertical mounting



Type	H2..V / B3..V					H3..V					B2..V				
	b	e	h2	s2	Water quantity (L/min)	b	e	h2	s2	Water quantity (L/min)	b	e	h2	s2	Water quantity (L/min)
04	60	192	152	G1/2	6	-	-	-	-	-	60	192	152	G1/2	10
05	70	206	166	G1/2	6	70	200	166	G1/2	6	70	211	166	G1/2	10
06	70	254	175	G1/2	6	70	246	175	G1/2	6	70	253	175	G1/2	10
07	70	236	200	G1/2	6	70	236	200	G1/2	6	70	241	200	G1/2	10
08	70	283	205	G1/2	6	70	283	205	G1/2	6	70	293	205	G1/2	10
09	70	267.5	250	G1/2	10	70	267.5	250	G1/2	6	70	267.5	250	G1/2	10
10	70	316	250	G1/2	10	70	316	250	G1/2	6	70	316	250	G1/2	10
11	70	296	290	G1/2	10	70	296	290	G1/2	10	70	302	290	G1/2	10
12	70	381	290	G1/2	10	70	381	290	G1/2	10	70	386	290	G1/2	10
13	150	386	120	G1/2	10	150	386	120	G1/2	10	150	386	120	G1/2	10
14	150	456	120	G1/2	10	150	446	120	G1/2	10	150	446	120	G1/2	10
15	200	439	120	G1/2	10	200	424	120	G1/2	10	200	424	120	G1/2	10
16	200	494	120	G1/2	10	200	494	120	G1/2	10	200	494	120	G1/2	10
17	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
18	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

★ 冷却盘管接口尺寸

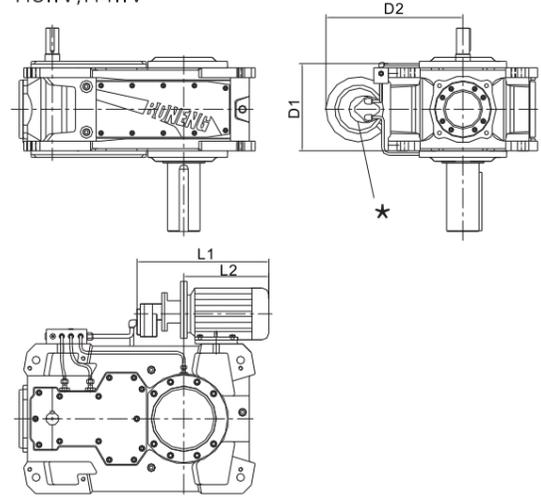
★ Cooling coil water connection

类别 Type	冷却盘管适用于 Cooling coil is appropriate for					
	机座号 Size	补偿油箱浸油润滑 Compensation oil tank dip-in lubrication	法兰泵强制润滑 Flange pump forced lubrication	电机油泵强制润滑 Motor oil pump forced lubrication		
		适用布置形式 Applicable shaft assemblies	适用布置形式 Applicable shaft assemblies	适用布置形式 Applicable shaft assemblies	适用布置形式 Applicable shaft assemblies	
H2..V	04 - 12	A+B+C+D+E+F+G+H+I	B+D+F+H	B+D+F+H		
H3..V	05 - 12	A+B+C+D+E+F+G+H+I	B+D+F+H	B+D+F+H		
B2..V	04 - 12	A+B+C+D+E+F	C+D+F	C+D+F		
B3..V	04 - 12	A+B+C+D+E+F	C+D+F	C+D+F		
H2..V	13 - 18		B+D+F+H	B+D+F+H		
H3..V	13 - 18		B+D+F+H	B+D+F+H		
B2..V	13 - 18		C+D+F	C+D+F		
B3..V	13 - 18		C+D+F	C+D+F		

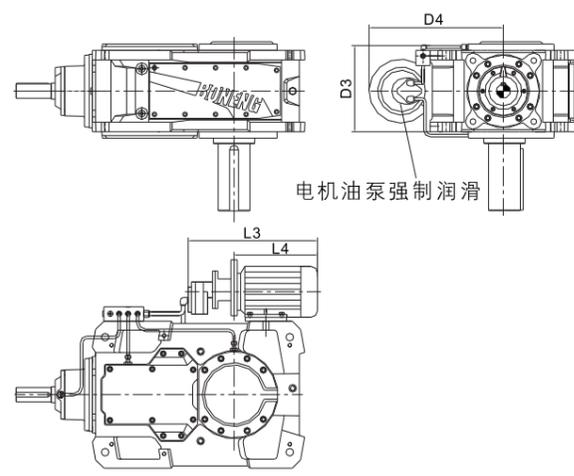
16.4 电机油泵强制  
润滑(附件代号:US32)

16.4 Motor oil pump forced  
lubrication(Accessory code:US32)

H3..V,H4..V



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



★ 电机油泵强制润滑

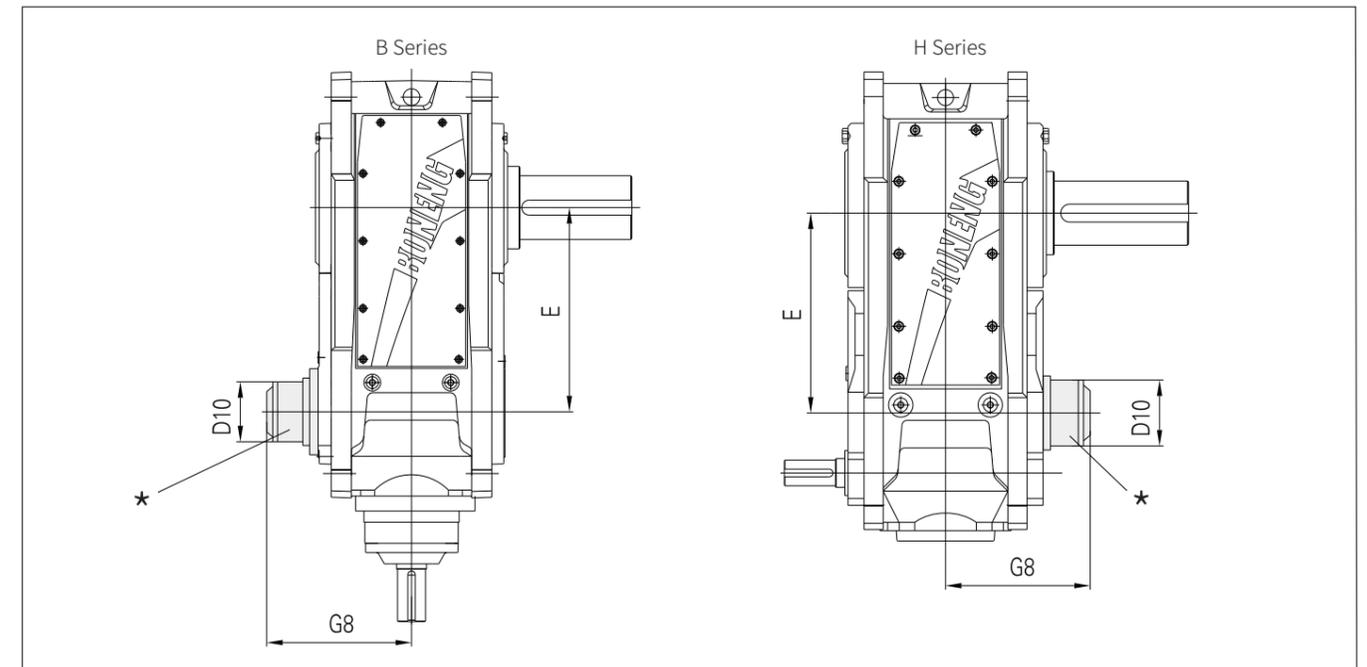
★ Motor oil pump forced lubrication

Mounting dimension						
Type	Size	Shaft assemblies	L2	L1	D2	D1
H2...V	04	A+B+C+D+E+F+G+H+I	210	356	361	228
	05/06	A+B+C+D+E+F+G+H+I	262/307	406	422	268
	07/08	A+B+C+D+E+F+G+H+I	292/352	406	472	315
	09/10	A+B+C+D+E+F+G+H+I	317/367	406	512	383
	11/12	A+B+C+D+E+F+G+H+I	342/406	406	572	448
H3...V	05/06	A+B+C+D+E+F+G+H+I	262/307	406	422	268
	07/08	A+B+C+D+E+F+G+H+I	292/352	406	472	315
	09/10	A+B+C+D+E+F+G+H+I	317/367	406	512	383
H4...V	07/08	A+B+C+D+E+F+G+H+I	292/352	406	472	315
	09/10	A+B+C+D+E+F+G+H+I	317/367	406	512	383
	11/12	A+B+C+D+E+F+G+H+I	342/406	406	572	448
H2...V	13/14	A+B+C+D+E+F+G+H+I	484/554	456	642	566
	15/16	A+B+C+D+E+F+G+H+I	544/589	456	702	640
	17/18	A+B+C+D+E+F+G+H+I	569/629	460	752	701
H3...V	13/14	A+B+C+D+E+F+G+H+I	484/554	456	642	566
	15/16	A+B+C+D+E+F+G+H+I	544/589	456	702	640
	17/18	A+B+C+D+E+F+G+H+I	569/629	460	752	701
H4...V	13/14	A+B+C+D+E+F+G+H+I	484/554	456	642	566
	15/16	A+B+C+D+E+F+G+H+I	544/589	456	702	640
	17/18	A+B+C+D+E+F+G+H+I	569/629	460	752	701

Mounting dimension						
Type	Size	Shaft assemblies	L4	L3	D4	D3
B2...V	04	A+B+C+D+E+F+G+H+I	210	356	361	263
	05/06	A+B+C+D+E+F+G+H+I	262/307	406	422	313
	07/08	A+B+C+D+E+F+G+H+I	292/352	406	472	370
	09/10	A+B+C+D+E+F+G+H+I	317/367	406	512	438
	11/12	A+B+C+D+E+F+G+H+I	342/406	406	572	513
B3...V	04	A+B+C+D+E+F+G+H+I	210	356	361	228
	05/06	A+B+C+D+E+F+G+H+I	262/307	406	422	268
	07/08	A+B+C+D+E+F+G+H+I	292/352	406	472	315
	09/10	A+B+C+D+E+F+G+H+I	317/367	406	512	383
	11/12	A+B+C+D+E+F+G+H+I	342/406	406	572	448
B4...V	05/06	A+B+C+D+E+F+G+H+I	262/307	406	422	268
	07/08	A+B+C+D+E+F+G+H+I	292/352	406	472	315
	09/10	A+B+C+D+E+F+G+H+I	317/367	406	512	383
	11/12	A+B+C+D+E+F+G+H+I	342/406	406	572	448
B2...V	13/14	A+B+C+D+E+F+G+H+I	484/554	456	642	566
	15/16	A+B+C+D+E+F+G+H+I	544/589	456	702	640
	17/18	A+B+C+D+E+F+G+H+I	569/629	460	752	701
B3...V	13/14	A+B+C+D+E+F+G+H+I	484/554	456	642	566
	15/16	A+B+C+D+E+F+G+H+I	544/589	456	702	640
	17/18	A+B+C+D+E+F+G+H+I	569/629	460	752	701
B4...V	13/14	A+B+C+D+E+F+G+H+I	484/554	456	642	566
	15/16	A+B+C+D+E+F+G+H+I	544/589	456	702	640
	17/18	A+B+C+D+E+F+G+H+I	569/629	460	752	701

16.5 逆止器(附件代号:UB11)

16.5 Backstop (Accessory code Ub11)



★ 逆止器

★ Backstop

Size	04			05			06			07			08		
	D10	G8	E	D10	G8	E	D10	G8	E	D10	G8	E	D10	G8	E
B2	175	218	177	190	250	201	190	250	240	230	298	240	230	298	280
B3	125	190.5	270	150	215.5	315	150	215.5	350	175	256	385	175	256	430
B4/H4				95	208.5	405	95	208.5	440	125	243	495	125	243	540
H3				150	215.5	311.5	150	215.5	346.5	175	256	375	175	256	420

Size	09			10			11			12			13		
	D10	G8	E												
B2	290	353	280	290	353	340	322	394	340	322	394	390			
B3	190	298	450	190	298	500	230	355	545	230	355	615			
B4/H4	125	271	580	125	271	630	150	313	705	150	313	775	175	373	820
H3	190	298	440	190	298	490	230	355	530	230	355	600	290	426	610

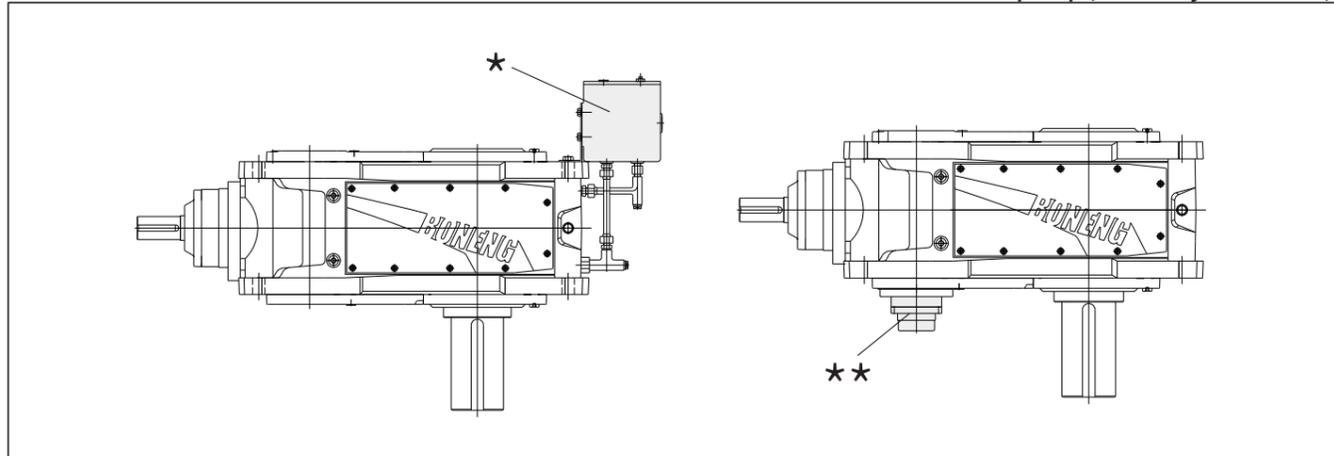
Size	14			15			16			17			18		
	D10	G8	E	D10	G8	E	D10	G8	E	D10	G8	E	D10	G8	E
B3	290	426	705	310	472	762	310	472	808	310	498	860	310	498	920
B4/H4	175	373	890	230	465	987	230	465	1033	230	495	1035	230	495	1095
H3	290	426	680	310	472	731	310	472	777	310	502	779	310	502	839

注: 旋转方向是指面向输出轴时输出轴d的旋转方向。

Note: The rotation direction is the direction of output shaftd while face the output shaft.

16.6 补偿油箱(附件代号:US33)  
与轴端油泵(附件代号:US31)

16.6 Oil compensation tank  
(Accessory code:US33)and shaft  
end oil pump (Accessory code:US31)



★ 补偿油箱  
★★ 轴端油泵  
选型时需提供输入转速

★ Oil compensating tank  
★★ Shaft end oil pump Running speed should  
be provided for selection

输入转速限制		Input speed limit	
Type	Size	US33	US31
		n1<	n1>
H2..V	04-12	1500	900
H3..V	05-12	1500	1200
H4..V	07-12	1800	1200
B2..V	04-12	1500	1200
B3..V	04-12	1500	1200
B4..V	05-12	1800	1200

16.7 润滑油  
16.7.1 油量表

16.7 Lubrication oil  
16.7.1 Oil quantity

Size	H2..H	H3..H	H4..H	B2..H	B3..H	B4..H	H2..V		H3..V		H4..V		B2..V		B3..V		B4..V	
	①	①	①	①	①	①	②	③	②	③	②	③	②	③	②	③	②	③
04	10	—	—	10	9	—	25	—	—	—	—	—	28	—	28	—	—	—
05	15	15	—	16	14	16	23	10	35	13	—	—	41	20	32	12	36	15
06	16	17	—	19	15	18	27	11	37	15	—	—	50	23	35	13	40	16
07	27	28	25	31	25	30	58	22	60	25	50	20	75	35	52	22	60	30
08	30	30	27	34	28	33	62	25	72	30	60	25	90	38	67	28	70	35
09	42	45	48	48	40	48	100	42	100	40	95	38	115	53	115	48	110	60
10	45	46	50	50	42	50	110	46	110	45	110	45	135	60	125	52	130	67
11	71	85	80	80	66	80	160	60	170	66	165	65	190	86	180	75	180	75
12	76	90	87	95	72	90	180	70	190	75	180	75	215	95	200	85	195	85

Size	H2..H	H3..H	H4..H	B2..H	B3..H	B4..H	H2..V	H3..V	H4..V	B2..V	B3..V	B4..V
	①	①	①	①	①	①	③	③	③	③	③	③
13	135	160	130	140	130	145	80	115	95	100	95	130
14	140	165	140	155	140	150	90	126	105	110	110	150
15	210	235	230	220	210	230	140	180	150	145	165	200
16	215	245	235	230	220	235	150	190	160	160	190	235
17	290	305	290	320	290	295	175	190	190	210	210	215
18	300	315	305	335	300	305	185	200	200	220	240	250

Size	H2..H	H3..H	H4..H	B2..H	B3..H	B4..H
	①	①	①	/	①	①
19	320	420	360	/	380	480
20	340	450	380	/	440	550
21	370	500	440	/	460	600
22	400	560	480	/	490	650
23	430	620	520	/	530	710
24	450	650	550	/	600	810
25	640	880	735	/	760	1000
26	680	935	780	/	880	1150

注: 1.①油池飞溅润滑;②浸油润滑;③强制  
润滑。  
2.以上数据为平均值。

Note: 1.①Oil tank splash lubrication; ②Dip-in  
lubrication; ③Forced lubrication.  
2.The above data are average values.

16.7.2 润滑油(重负荷工业  
齿轮油)粘度牌号选用  
[VG320(附件代号:UV32)]

16.7.2 Lubrication oil (heavy-loading  
industrial gear oil) viscosity  
number selection  
[VG320(Accessory code:UV32)]

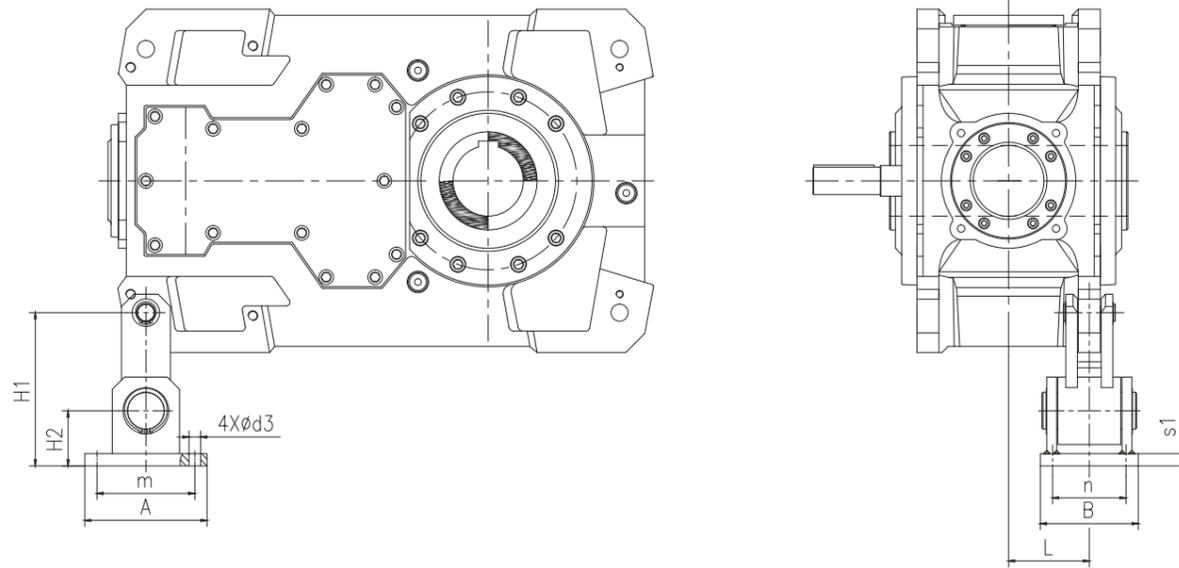
环境温度°C	环境温度°C	Ambient temperature°C	-20°C~+40°C
粘度牌号	粘度牌号	Viscosity number	VG320

注: 1.上表中粘度牌号为40C温度下的  
ISO-VG粘度。  
2.环境温度低于-10C必须使用合成油。  
3.为保证产品寿命,实际使用中建议使  
用合成油。  
4.若环境温度超出上述范围,敬请垂询。

Note: 1.Viscosity in the above table is ISO-VG  
Viscosity under 40 C  
2.When ambient temperature is lower  
than-10°C,synthetic oil must be used.  
3.To ensure product lifespan, we suggest  
synthetic oil.  
4.If ambient temperature exceeds the above  
range, please consult.

16.8 扭力臂(附件代号:UT61)

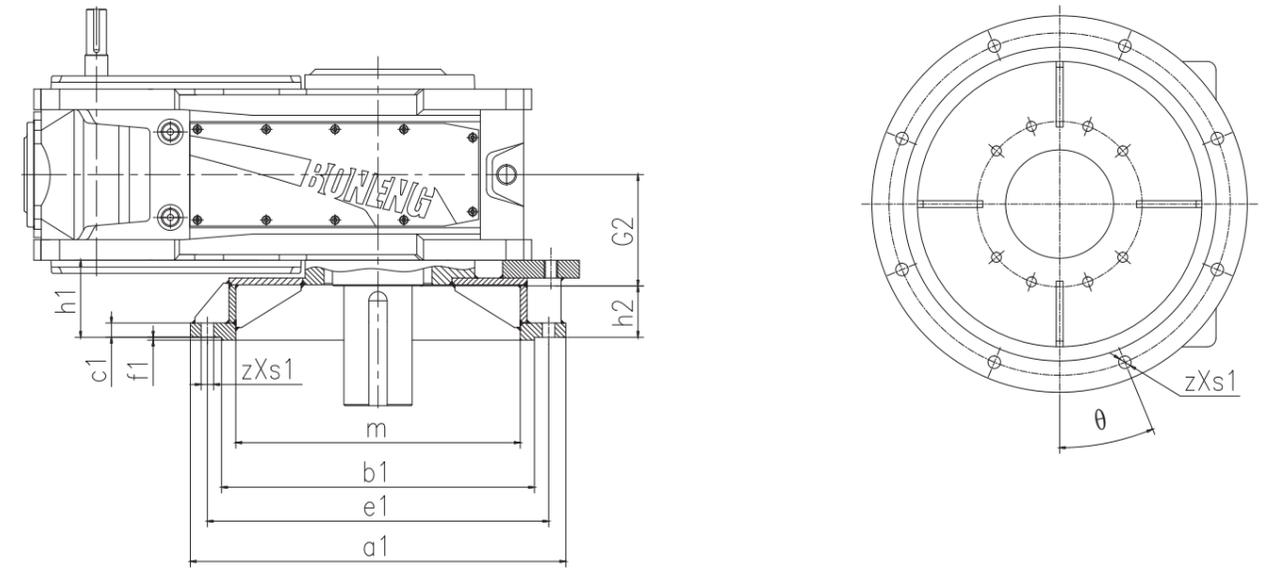
16.8 Torque arm (Code:UT61)



Size	A	B	φ d3	H1	H2	m	n	s1	L		Weight (kg)
									B2	B3/B4/H2/H3/H4	
04	160	110	19	200	65	120	70	15	120	92.5	7.4
05	160	110	19	200	65	120	70	15	145	112.5	7.6
06	160	110	19	200	65	120	70	15	145	112.5	7.6
07	200	160	19	250	90	160	120	20	172	132	19.9
08	200	160	19	250	90	160	120	20	172	132	19.9
09	200	160	19	250	90	160	120	20	196	162.5	19.3
10	200	160	19	250	90	160	120	20	196	162.5	19.3
11	320	280	19	360	130	260	130	25	238	188	53.6
12	320	280	19	360	130	260	130	25	238	188	53.6
13	320	280	19	360	130	260	130	25	272.5	220	73.1
14	320	280	19	360	130	260	130	25	272.5	220	73.1
15	400	300	24	455	160	320	240	30	317.5	247.5	117.7
16	400	300	24	455	160	320	240	30	317.5	247.5	117.7
17	400	300	24	455	160	320	240	30	370	272.5	117.7
18	400	300	24	455	160	320	240	30	370	272.5	117.7

16.9 输出安装法兰  
(附件代号:UF32)

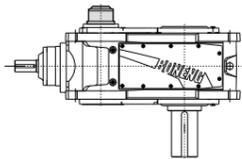
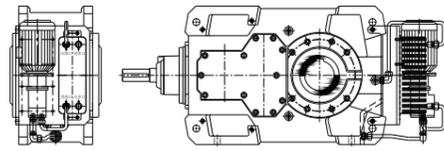
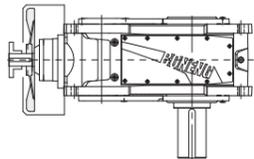
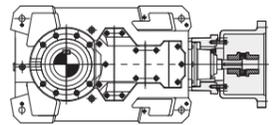
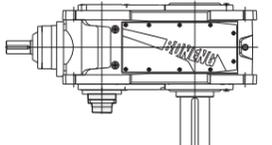
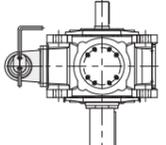
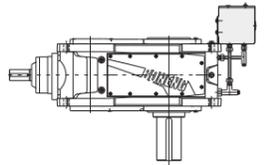
16.9 Output mounting flange  
(Code:UF32)

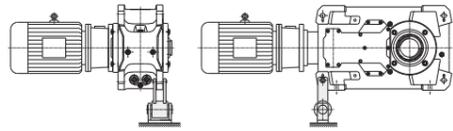
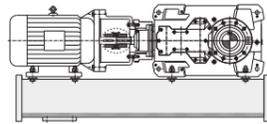
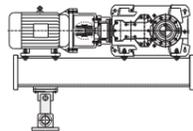
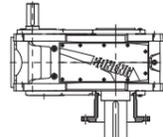
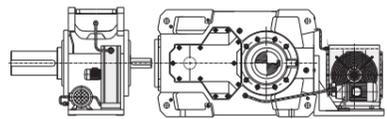
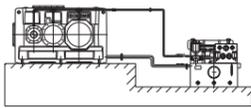
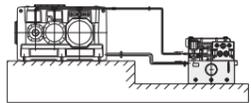
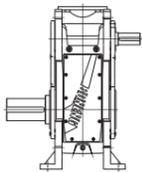


Size	a1	b1	c1	e1	f1	G2	h2	m	θ	zxs1	h1		Weight (kg)
											B2	B3/B4/H2/H3/H4	
04	450	350f7	24.5	400	5	140	50	300	22.5°	8x φ 17.5	75	82.5	36
05	550	450f7	25	500	5	165	52.5	420	22.5°	8x φ 17.5	77.5	90	48
06	550	450f7	25	500	5	165	52.5	420	22.5°	8x φ 17.5	77.5	90	52
07	660	550f7	25	600	5	195	90	500	22.5°	8x φ 22	120	135	81
08	660	550f7	30	600	5	195	90	500	22.5°	8x φ 22	120	135	81
09	660	550f7	29	600	6	235	84	500	15°	12x φ 22	114	134	98
10	660	550f7	34	600	6	235	84	500	15°	12x φ 26	114	134	102
11	800	680f7	44	740	6	270	129	620	15°	12x φ 26	169	184	182
12	800	680f7	44	740	6	270	129	620	15°	12x φ 26	169	184	226
13	840	650f7	50	760	5	335	37.5	450	15°	12xM30	77.5	100	245
14	840	650f7	50	760	5	335	37.5	480	15°	12xM30	77.5	100	255
15	960	750f7	50	880	5	380	30	530	11.25°	16xM30	65	100	315
16	960	750f7	50	880	5	380	30	540	11.25°	16xM30	65	100	325
17	1100	850f7	57	1000	8	415	62	540	11.25°	16xM36	107	137	595
18	1100	850f7	57	1000	8	415	62	540	11.25°	16xM36	107	137	605

16.10 附件代号一览表

16.10 Accessories code table

代号 Code	附件 Accessories	示例 Example
UB11	逆止器 Backstop	
UC22	水油冷却器 Water-Oil cooler	
UF21	冷却风扇 Cooling fan	
UF31	输入连接法兰 Input connection flange	
US31	轴端油泵强制润滑 Shaft end oil pump forced lubrication	
US32	电机油泵强制润滑 Motor oil pump forced lubrication	
US33	补偿油箱浸油润滑 Oil compensation tank dip-in oil lubrication	
UV32	润滑油 VG320 Lubrication oil VG320	

代号 Code	附件 Accessories	示例 Example
敬请垂询 Please consult	扭力臂 UT61 Torque arm UT61	
	齿轮箱浮动底座 Gear box swing base	
	浮动底座扭力臂 Swing base with torque arm	
	安装法兰 UF32 Mounting flange UF32	
	外置风冷式油冷却器 UC23 External wind air-oil cooler UC23	
	配管路(客户带稀油站) Pipeline(Customer build oil station)	
	配稀油站 Oil station	
	竖直安装 Upright mounting	
	电加热器 Electric heater	
	其他类型的轴封 Shaft sealing of other categories	

随着技术迭代进步，博能产品样本将会同步更新，请见谅。  
Along with the technology advancedet.,the product of the manual of Boneng will be changed,please forgive.

# 博能产品集成图

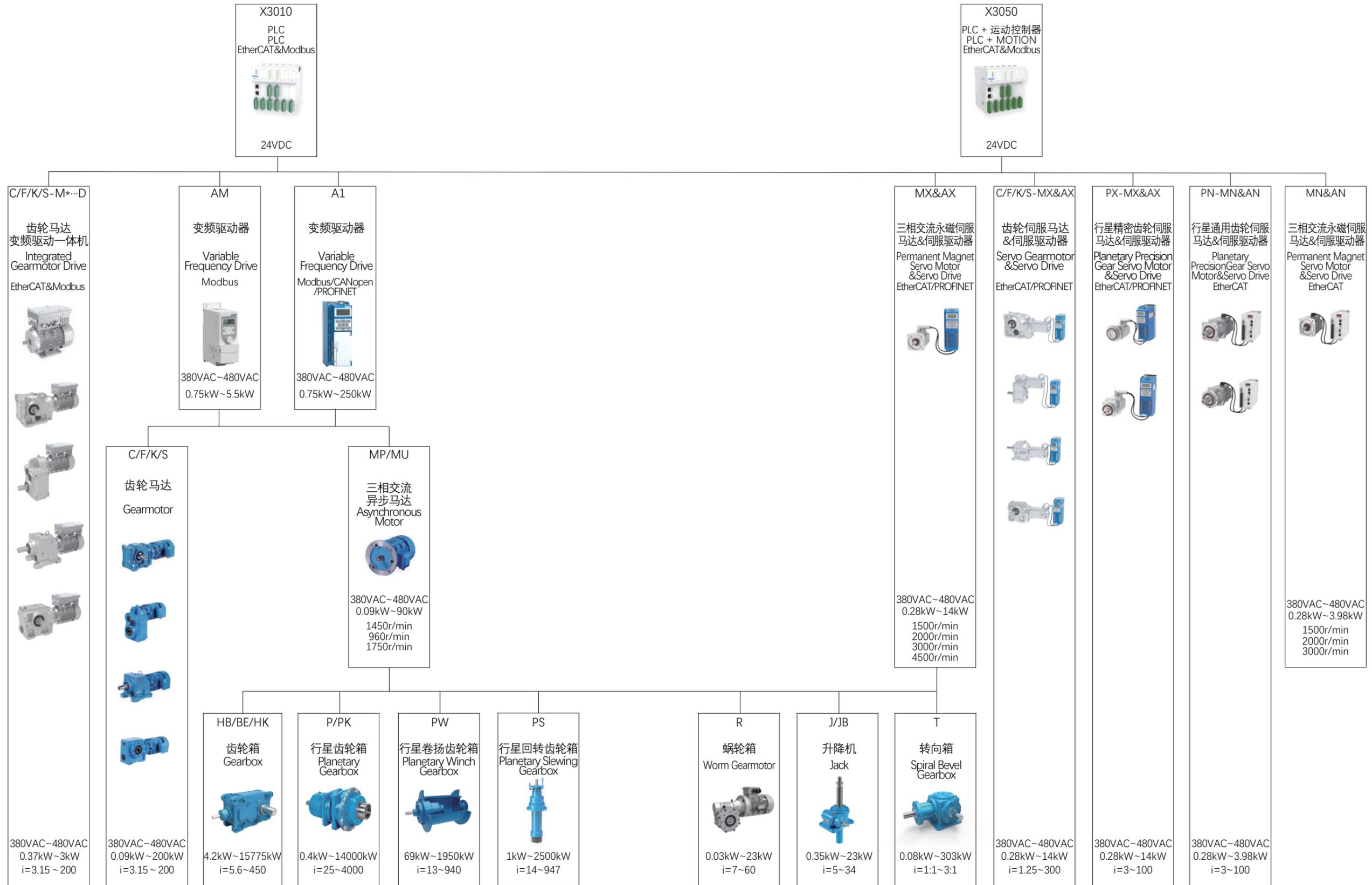
# Boneng Product Integration Diagram

CONTROL  
控制层

DRIVE  
驱动层

MOTOR  
马达层

GEAR  
齿轮层



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