

浙江格尔减速机有限公司 ZHEJIANG GEAR SPEED REDUCDCR CO.,LTD

致力于打造一流的驱动技术方案 PROVIDE FIRST CLASS DRIVING SOLUTION



产品手册 CATALOGUE





齿轮箱 Gear Units 目录 Contents

基本类型概括 Summary of b			2-4 页 Pages 2-4
齿轮箱型号表为 Gear units des	示方法 signation of types		5-7 页 Pages 5-7
The state of the s		包,允许的附加径向力 power ratings, output torque, permissible additional radial forces.	8-26 页 Pages 8-26
		平行轴齿轮箱 Helical gear units H1SH	27-28 页 Pages 27-28
安装方式 Mounting 野式安装 Horizontal	€ Horizontal	平行轴齿轮箱 Helical gear units H2SH, 2HH, H2DH, H2HM,H2DM H3SH, 3HH, H3DH, H3HM,H3DM H4SH, 4HH,H4DH, H4HM,H4DM	29-46 页 Pages 29-46
	野沙	直交轴齿轮箱 Bevel-helical gear units B2SH, B2HH, B2DH, B2HM,B2DM B3SH, B3HH, B3DH, B3HM,B3DM B4SH, B4HH, B4DH, B4HM,B4DM	47-62 页 Pages 47-62
安裝力	rtical	平行轴齿轮箱 Helical gear units H2SV, H2HV, H2DV H3SV, H3HV, H3DV H4SV, H4HV, H4DV	63-74 页 Pages 63-74
	立式安裝Vertical	直交轴齿轮箱 Bevel-helical gear units B2SV, B2HV, B2DV B3SV, B3HV, B3DV B4SV, B4HV, B4DV	75-86 页 Pages 75-86
	配合精度,选用标》 O fits,parallel key		88 页 Pages 88
	的空心轴或带平键 or shrink disk or pa	联接的空心轴 arallel key connections	89-92 页 Pages 89-92
实际速比 i / 转 Actual ratios i,	动惯量 J1 mass moments o	f inertia J1	93-100 页 Pages 93-100
冷却盘管 Cooling colls			101-102 页 Pages 101-102
		(强制润滑和浸油润滑) (forced and dip lubrication)	103-111 页 Pages 103-111
布置形式 Design			112 页 Pages 112





齿轮箱 Gear Units 基本类型概括 Summary of Basic Types

张安左母

平行轴齿轮箱

类型 H1...,H2...,H3...,H4...

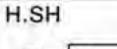
1-...4-级传动,i_N=1.25-450

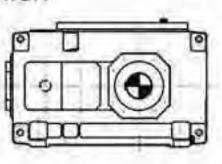
Horizontal mounting position

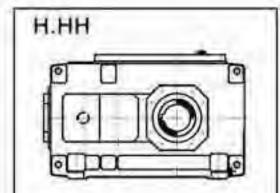
Helical gear units

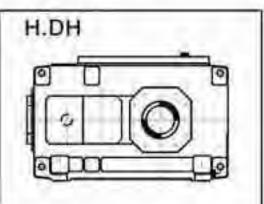
Types H1...,H2...,H3...,H4...

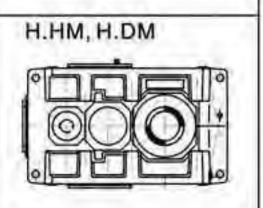
1-...4-stage,i_N=1.25-450











直交轴齿轮箱

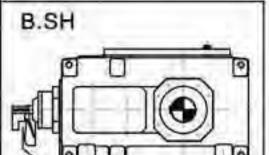
Types B2...,B3...,B4..

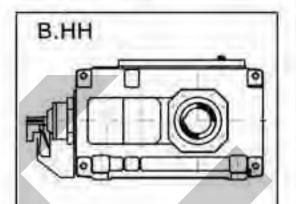
2-...4-级传动,iN=5-400

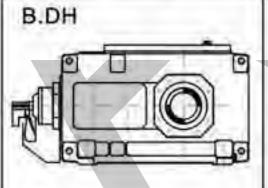
Bevel-helical gear units

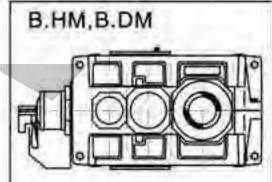
Types B2...,B3...,B4..

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









立式安装

平行轴齿轮箱

类型 H2.V,H3.V,H4.V

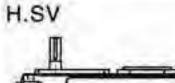
2-...4-级传动,iN=6.3-450

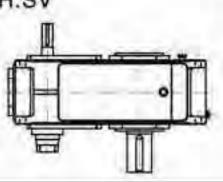
Vertical mounting position

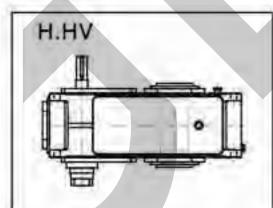
Helical gear units

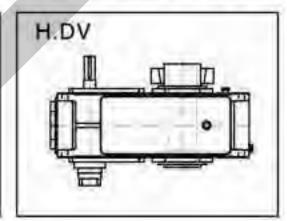
Types H2.V,H3.V,H4.V

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



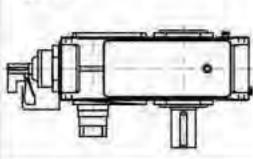


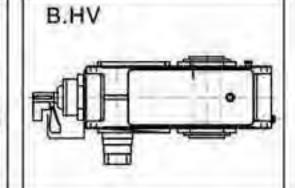


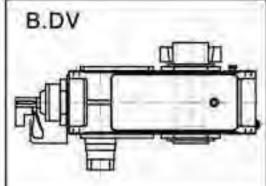


直交轴齿轮箱 类型 B2.V, B3.V, B4.V 2-...4-级传动,iN=5-400 Bevel-helical gear units Types B2.V,B3.V,B4.V 2-...4-stage,i_N=5-400













齿轮箱 Gear Units 性能特点 Characteristic

设计

平行轴和直交轴齿轮箱采用全新设计, 其独特的创新之处在于:

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

安装方式

- 齿轮箱既可卧式安装, 也可立式安装。
- ·如果用户提出要求,也可采用其他安装形式。
- · 安装电机用法兰、扭力支撑装置均为产品的标准配置。

齿轮的噪音特性

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

齿轮箱散热

齿轮箱不仅具有很高的传动效率,而且具有良好的散热性能,主要通过以下方法:

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

库存

格尔齿轮箱根据单元结构模块化设计原理、大大减少了零部件种类。

Design

GEAR Gear units are a completely new design. Outsanding innovations are:

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

Mounting position

- GEAR gear units can be supplied for either horizontal or vertical installation.
- Other arrangements are also possible on request.
- Motor bell housings, Torque supports are part of our standard productrange.

Noise behaviour

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

Thermal conduction

GEAR gear units not only have a high efficiency but also a favourable thermal conduction

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

Storing

GEAR gear units have been designed according to a new unit construction principle.





齿轮箱 Gear Units

一般说明 General Information

注意事项:

应严格遵守以下各项:

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

Attention:

The following items are absolutely to be observed:

- Illustrations are examples only and are not strictly binding. Dimensions are subject to change
- The weights are mean values and not strictly binding.
- To prevent accidents, all rotating parts should be guarded according to local and national safety regulations.
- Prior to commissioning, the operating instructions must be observed. The gear units are delivered ready for operation but without oil filling.
- Oil quantities given are guide values only. The exact quantity of oil depends on the marks on the oildipstick.
- The oil viscosity has to correspond to the data given on the name plate.
- The gear units are supplied with radial shaft seals. Other sealing variants on request.
- Directions of rotation referring to output shaft d2.

在标注尺寸的图纸上使用的符号说明如下:

Explanation of symbols used in the dimensioned drawings:

□ 加油孔 Oil filler

规格 13 号以上齿轮箱箱体地脚上配有千斤顶螺丝,箱盖上配有调平面。

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

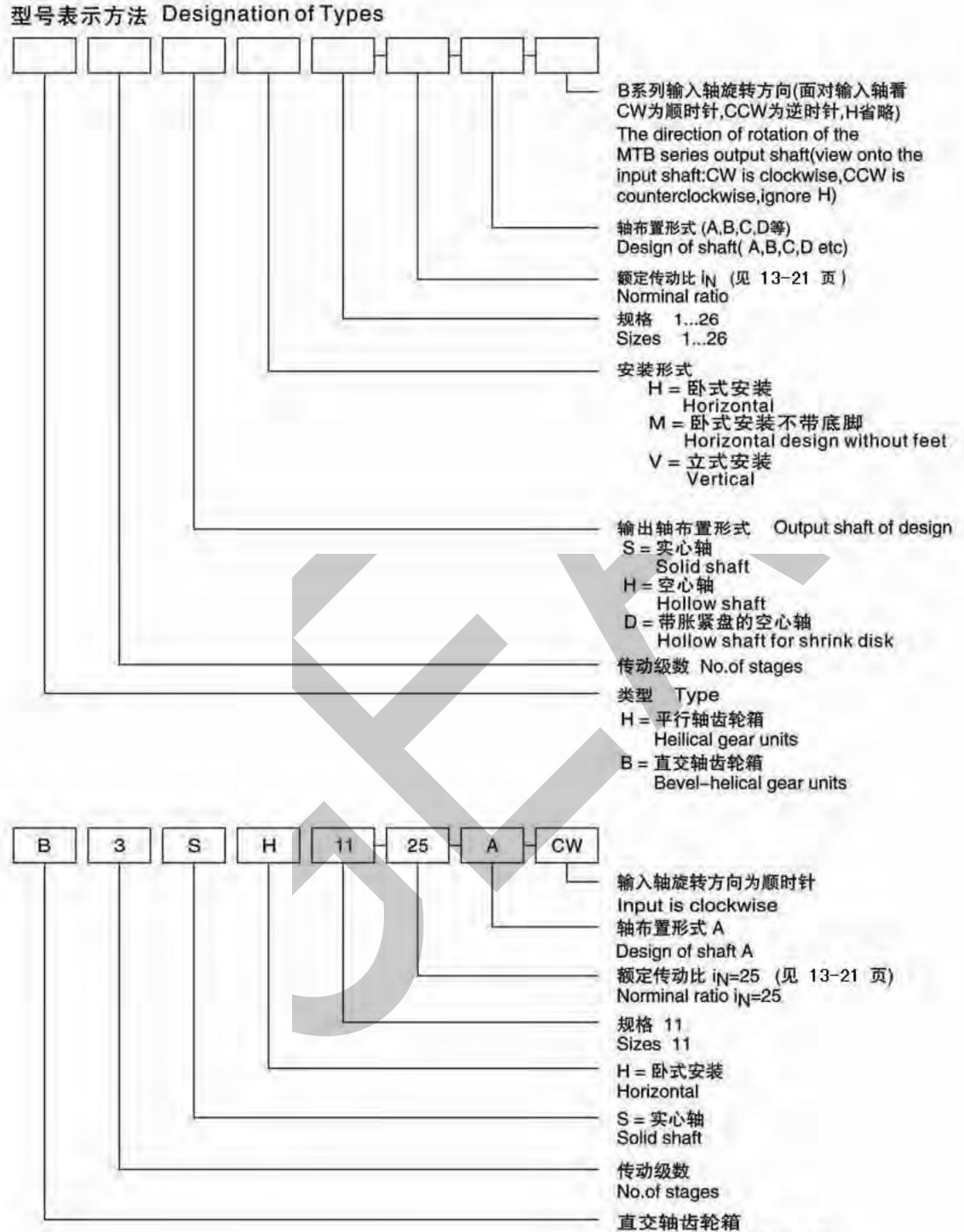
基础螺栓的最低性能等级为8.8级。

Foundation bolts of min. property class 8.8.





齿轮箱 Gear Units



Bevel-helical gear units





齿轮箱 Gear Units 选型指南 Guidelines for the Selection

1. 确定齿轮箱的类型及规格	1.1 计算传动比 Find the transmission ratio								
1. Determination of gear unit type	is ≅	71							
and size	1.2 确定齿轮箱的额定功率 Determine nominal power rating of the gear unit								
	Pn≥PzxfixfzxSA								
	如果不满足下列条件,请向我们咨询 It is no	t necessary to consult us. if:							
	3.33 x P ₂	COLUMN TO THE PARTY OF THE PART							
	 1.3 校核最大扭矩,如峰值工作扭矩、起动扭矩或 1.3 Check for maximum torque, e. g. peak operat 	Section of the Control of the Contro							
	P _N ≥ T _A X 955								
	齿轮箱的规格和传动级数列在额定功率选型表中, Gear unit sizes and number of reduction stages at In and Pn	11.03.07.07							
	1.4 检查输出轴上是否允许有附加载荷; 见 25-26 页。 1.4 Check whether additional forces on the output shaft are permissible; see pages 25-26								
	1.5 根据 19-24 页上的表检查实际传动比是否满足要求。 1.5 Check whether the actual ratio i as per tables on pages 19-24 is acceptable								
	安装方式 Mo	unting position							
	卧式安装 Horizontal	立式安装 Vertical							
2. 确定供油方式 2. Determination of oil supply	所有需要润滑的零部件均浸在润滑油中,或采用飞溅润滑方式。也可按用户要求提供强制润滑方式。 All parts to be lubricated are lying in the cill or are splash lubricated Forced lubrication on request Possible cill supply variations: - Dip lubrication by means of flange motor pump. For preferred variants and selection, page 19-24								
3. 确定所需要的热容量Pg	3.1 如满足以下条件,则齿轮箱可不带辅助冷却装	W:							
3. Determination of required ther-	3.1 Adequate for gear units without auxiliary cool	ng,if:							
mal capacity Pg	P₂≤Pa⊨Pa	xf4xfaxfaxfa							
	3.2 如满足以下条件,则齿轮箱带冷却风扇可满足 3.2 Adequate for gear units with fan cooling,if:	要求:							
	P₂≤Pg=Pg₂	Xf4XfeXfeXf10							
	3.3 如满足以下条件,则齿轮箱带冷却盘管可满足	要求:							
	3.3 Adequate for gear units with fitted cooling coil	if:							
	P₂≤P _G =P _G	xfsxf7xfexf11							
	3.3 如满足以下条件,则齿轮箱带冷却盘管和风扇 3.3 Adequate for gear units with cooling coil and								
	P2≤PG=PG4	xfsxf7xfexf12							
	3.5 如需要较高的热容量,则可按用户要求提供外 3.5 For higher thermal capacities, cooling by exte								





齿轮箱 Gear Units 符号说明 Key to Symbols

符号说明:

Key to symbols:

ED = 每小时工作周期,以百分比表示,如 ED=80% / h Operating cycle per hour in %, e.g. ED=80% / h

fi = 工作机最低工况系数 (表1), 9 页 Factor for driven machine (table 1), pages 9

f2 = 原动机系数(表2), 10页 Factor for prime mover (table 2), page 10

s = 峰值扭矩系数(表3)。10页 Peak torque factor (table 3), page 10

f4,f5 = 环境温度系数 (表4+表5), 10 页 Thermal factors (tables 4 + 5),page 10

fs,fr = 海拔高度系数(表6+表7), 10页 Factors for altitude (tables 6 + 7), page 10

fs = 立式安装齿轮箱供油系数(表8), 11 页 对于卧式安装齿轮箱; fs=1 Oil supply factor for vertical gear units (Table 8), page 11 For horizontal gear units: fs=1

fa.fio = 热容量系数 (表9...12), 11-12 页

Therm alcapacity factors (tables 9...12), pages 11-12

aı = 规格系数 Size factor az = 传动比系数

Transmission ratio factor

i = 实际传动比 Actual ratio iN = 公称传动比 Nominal ratio

is = 要求传动比 Required ratio

n1 = 输入转速 (1/min) Input speed (1/min)

n2 = 输出转速 (1/min) Output speed (1/min)

Pg = 要求的热容量 Required thermal capacity

PG1 = 齿轮箱的热容量,不带辅助冷却装置, 14-22 页 Thermal capacity for gear units without auxiliary cooling, pages 14-22

PG2 = 齿轮箱的热容量, 带冷却风扇。 14-22 页 Thermal capacity for gear units with fan cooling, pages 14-22

P_{G3} = 齿轮箱的热容量,带内置冷却盘管。 14-22 页 Thermal capacity for gear units with built-in cooling coil, pages 14-22

PG4 = 齿轮箱的热容量,带内置冷却盘管和风扇, 14-22 页 Thermal capacity for gear units with built-in cooling coil and fan, pages 14-22

PN = 齿轮箱的额定功率(kW),见选型表, 13-21 页 Nominal power rating of gear unit (kW), see tables, pages 13-21

P₂ = 工作机的额定功率 (kW)

Power rating of driven machine (kW)

t = 环境温度(℃) Ambient temperature(℃)

TA = 输入轴最大扭矩,如峰值工作扭矩、起动扭矩或制动扭矩 (N.m)
Max. torque occurring on input shaft, e.g. peak operating-, starting- or braking torque(N.m)

T_{2N} = 额定输出扭矩(kN.m), 23-24 页 Nominal output torque (kN.m), pages 23-24

SA = 减速机安全系数 (表15)
Safety coefficient of speed reducer(tables15)





齿轮箱 Gear Units

选型指南 Guidelines for the Selection

计算示例 Calculation Example

己知参数:

原动机

电机功率: P_{1=75 kW} 电机转速: n_{1=1500 rpm} 最大起动扭矩: T_{A=720 N.m}

工作机

皮带输送机功率: P2=66 kW

转速: n₂=26 rpm 工作制: 12 小时/天 每小时起动次数: 7

每小时工作周期: Ep=100%

环境温度: 30℃

室外安装(风速): (w≥4m/s)

海拔高度:海平面 重要性与安全要求:一般

齿轮箱设计

直交轴齿轮箱

安装方式: 卧式安装

輸出轴 dz: 位于齿轮箱右侧(面对输入轴)。即布置型式 C

输出轴 dz 转动方向: ccw

KNOWN CRITERIA:

PRIME MOVER

Electric motor:P1=75 kW

Motor speed:n1=1500 rpm

Max. starting torque:Ta=720 N.m

DRIVEN MACHINE

Belt conveyor:P2=66 kW

Speed:n₂=26 rpm Duty:12 h/day Starts per hour:7

Operating cycle per hour:En=100%

Ambient temperature:30 ℃
Outdoor installation:(w ≥ 4m/s)

Altitude:sea level Reliability:normal

GEAR UNIT DESIGN

Bevel-helical gear unit

Mounting position: horizontal

Output shaft de:on right hand side de Direction of rotation of output shaft c

要求: 齿轮箱的类型及规格 Required: Type and size of gear unit

1. 选择齿轮箱的类型及规格: Selection of gear unit type and size

1.1 传动比计算: Calculation of transmission ratio

$$i_8 = \frac{n_1}{n_2} = \frac{1500}{26} = 57.7$$
 in = 56

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

$$P_n \ge P_2 \times f_1 \times f_2 \times S_A = 66 \times 1.3 \times 1 \times 1.4 = 120 \text{kW}$$

从额定功率表中选择: 类型 B3, 规格10, 对应的 PN= 122 kW

Selected from power rating table : type B3,gear unit size 10, with Pn=122 kW

1.3 检查起动扭矩 Checking the starting torque

$$P_N \ge \frac{T_A \times n_1}{9550} \times f_3 = \frac{720 \times 1500}{9550} \times 0.65 = 73.5 \text{ kW}$$
 $P_N = 122 \text{ kW} > 73.5 \text{ kW}$

2. 确定热容量 Determination of thermal capacity

2.1 根据表中给出的 B3 型齿轮箱参数, 计算不带辅助冷却装置的齿轮箱热容量

2.1 Thermal capacity for gear units without auxiliary cooling, acc. to table for type B3

$$P_G = P_{G1} \times f_4 \times f_6 \times f_8 \times f_9$$
 $P_G = 78.9 \text{ kW} \times 0.88 \times 1 \times 1 \times (1.23 - 2.80 \times 0.095 \times 0.15)$ $P_G = 82$
 $P_2 = 66 \text{ kW} < P_{G2} = 82.6 \text{ kW}$

结论: 齿轮箱不带辅助冷却装置, 可满足要求!

Conclusion: A gear unit without auxiliary cooling is sufficient!





表1			工作	机最化	低工况系!	数 f ₁				
	T //- +n	日帯	裁运行时间	(小时)		T //c +n	日帯載运行时间(小时			
	工作机	€0.5	> 0.5 - 10	>10		工作机	≤0.5	> 0.5 ~ 10	>10	
	浓缩器	-		1.2		回转机构"	- 1	1.4	1.8	
	圧滤波器	1	1.3	1.5	起重	俯仰机构	1	1.4	1.8	
	絮凝器	0.8	. 1	1.3		行走机构	1.5	1.75	2	
	隱气机	13	1.8	2	机械	提升机构	-3	1.1	1.4	
	接集设备	1	1.2	1.3		转臂式起重机	1	1.2	1.6	
污水	纵向,回转组合接集装置	1	1.3	1.5		挤压机			1.6	
处理	预缩器	1 -	1.1	1.3		调浆机	15	1.8	1.8	
	螺杆泵	-	1.3	1.5		橡胶砑光机	-	1.5	1.5	
	水轮机	1.3	11.80	2	390	冷却图筒	160	1.3	1.4	
	商心机	1	1.2	1.3	化学	混料机,用于均匀介质	1	1.3	1.4	
	1个活塞容积式泵	1.3	1.4	1.8	工业	混料机,用于非均匀介质	1.4	1.6	1.7	
	>1个活塞容积式泵	1.2	1.4	1.5		搅拌机,用于密度均匀介质	1	1.3	1.5	
	斗式运输机	1	1.6	1.6		搅拌机,用于非密度均匀介质	1.2	1.4	1.6	
	傾卸装置	1	1.3	1.5		烘炉	1	1.3	1.5	
+ 10 to	行走机构"	1.2	1.6	1.8		商心机	1	1,2	1.3	
き泥机 :	斗轮式挖掘机: 用于捡拾	1	1.7	1.7	ET AN AIK	冷却塔风扇	_=	1.80	2	
	斗轮式挖掘机: 用于粗料	1	2.2	2.2	风机类	风机 (轴流和离心式)	-	1.4	1.5	
	切碎机	1	2.2	2.2	蔗糖	甘蔗切碎机	13-	100	1.7	
	拉线机	1.25	1.5	1.75	生产	甘蔗礦磨机	14	-	1.7	
	绕线机	1	1.25	1.5	Lancold Co.	甜菜绞碎机	-	-	1.2	
钢铁	集中驱动辊道(无反转)	1.25	1.5	1.75	甜菜糖	榨取机,机械制冷机,蒸煮机	24	3.	1.4	
工业	单驱动辊道 (无反转)	1.5	1.75	2	生产	甜菜清洗机	9		1.5	
	集中驱动辊道(有反转)	1.75	2.25	2.5		甜菜切碎机		1.5	1.5	
	单驱动辊道(有反转)	2	2.25	2.75		运货索道	-	1.3	1.4	
纺织	织机	1.25	1.5	1.75	索道	往反系統空中索道	-	1.6	1.8	
=/1 =/1	纺纱机	1	1.25	1.5	缆车	T型杆升降机	-	1.3	1.4	
工业	洗涤机	11	1.25	1.5	-96 -77	连续索道	-	1.4	1.6	
	斗式输送机	-	1.2	1.5		混泥土搅拌机	~	1.5	1.5	
	绞车	1.4	1.6	1.6		破碎机"	-	1.2	1.4	
	卷扬机	1 1	1.5	1.8	水泥	回转客	-	10-00	2	
65.40	皮带输送机<=150KW	1	1.2	1.3	工业	管式磨机	2-0	8.	2	
输送	皮带输送机>151KW	1.1	1.3	1.4	7.1	选扮机	12.	1.6	1.6	
机械	货用电梯*	7-50	1.2	1.5		辊压机	-	11.2	2	
20 200	客用电梯*	1.50	1.5	1.8	造纸	各种类型"	-	1.8	2	
	刮板输送机	15	1.2	1.5	机械	碎浆机驱动装置	-	2	2.25	
	自动扶梯	-	1.2	1.4	PT (chian	往复式压缩机	-	1.8	1.9	
	轨道行走机构	19-31	1.5	-	压缩机	离心式压缩机	1-	1.4	1.5	

工作机额定功率P2的确定

^{*)}按最大扭矩确定额定功率.

^{**)} 检验热功率是绝对必要的。





齿轮箱 Gear Units 服务系数 Service Factor

表2 Table2	原动机系数 Factor for prime mover	1/2
电机,液压马拉 Electric moto	生气轮机 ors,hydraulic motors, tubines	1.0
1:100至1:20	es 4-6 cylinders cyclic variation	1.25
最高达1:100	动机周期变化 es 1-3 cylinders cyclic variation	1,5

表3 Table3	Peak		10					
		每小时峰值负荷次数 Load peaks per hour						
	1-5	6-30	31-100	>100				
#向载荷 Steady direction of load	0.5	0.65	0.7	0.85				
f₃□ 交变载荷 Alternating direction of load	0.7	0.95	1,10	1.25				

表4 Table4		14										
不	帝辅助冷 auxillary		仅带冷却		g							
环境温度 Ambient		每小时工作则期(Eo)百分比% Oprating cycle per hour(Eo)in %										
temperature	100	80	60	40	20							
10°C	1.14	1.20	1,32	1,54	2.04							
20°C	1.00	1.06	1.16	1.35	1.79							
30°C	0.87	0.93	1.00	1.18	1.56							
40℃	0.71	0.75	0.82	0.96	1.27							
50°C	0.55	0.58	0.64	0.74	0.98							

表5 Table5	环境温度系数 Thermal factor											
	冷却查看 coling wit an		coil or									
环境温度 Amblent		每小时工作周期(Eo)百分比% Oprating cycle per hour(Eo)in %										
temperature	100	80	60	40	20							
10°C	1.04	1.10	1.21	1.40	1.86							
20°C	1.00	1.06	1.16	1,35	1.79							
30°C	0.93	0.99	1.08	1.26	1.66							
40°C	0.88	0.93	1.02	1.19	1.58							
50°C	0.81	0.86	0.94	1.09	1.45							

表6 Table6		海拔高度系数 Factor for altitude								
Wit	不带辅助X hout auxilia	The second second	只带冷却风 or with fan	the second second second						
Control of the Contro	海拔高度(m,高于海平面) Altitude(metres above MSL)									
系数 Factor	高达 Up to	高达 Up to	高达 Up to	高达 Up to	高达 Up to					
	1000	2000	3000	4000	5000					
T ₆	1.0	0.95	0.90	0.85	0.80					

表7 Table7										
	For cooling									
- Alex	海拔高度(m,高于海平面) Altitude(metres above MSL)									
系数 Factor	高达 Up to	高达 Up to	高达 Up to	高达 Up to	高达 Up to					
	1000	2000	3000	4000	5000					
fr	1.0	0.98	0.96	0.94	0.92					

表15 Table15	安全 Safety o	SA		
重要性与 安全要求 importance and safety requirements	一般设备,减速 最失效仅引起单 机停产且易更换 备件 The fallure of ordinary equipment and speed reducer can only result in production halts of single machine and repla cement of spare parts.	重要设备,减速 器失效仅引起机 组、生产线或全 厂停产 The failure of ordinary equipment and speed r educer can only result in production halts of machines, production lines or the whole factory.	高度安全要求, 减速器失效引 起设备、人身 事故 Higher safety requirements, the failure of speed reducer can cause the incident of equipment and human body.	
Sı	1.1-1.3	1.3-1.5	1.5-1.7	



GEAR

齿轮箱 Gear Units

服务系数 Service Factors

表 8 Table 8	立式安装齿轮箱供油系数。对于卧式安装齿轮箱f _e =1.0; 当采用强制润滑时,f _e =1.05 Oil supply factor for vertical gear units.For horizontal gear units f _e =1.0, and in case of forced lubrication f _e =1.05									
1.75			規格 112	Sizes 11	2	規格	1318	Sizes 1318		
齿轮箱类型 Gear unit type	供油方式 Oil supply	不帶補助 冷却装置 Without auxiliary cooling	带冷却 风扇 With Fan	帝冷却 盘管 With Cooling call	带风扇和 冷却盘管 With fan and cooling coil	不帶輔助 冷却装置 Without Auxiliary scoling	带冷却 风崩 With Fan	带冷却 盘管 With Cooling coal	带风崩和 冷却盘管 With fan and cooling coil	
H2.V	漫油润滑 Dip lubrication	0.95		0.95			100			
H3.V H4.V	强制润滑 Forced Jubrication	1.15		1.05		1.15		1.05		
B2.V	漫油润滑 Dip lubrication	0.95	0.95	0.95	0.95					
B3.V B4.V	强制润滑 Forced lubrication	1.15	1.10	1.10	1.10	1.15	1.10	1,10	1.10	
表 9		- 20	The second secon	助冷却装置齿	Charles and Charles and Charles and	系数			1.	

表 ! Table					Therma			F 70 405 3	的轮箱的 Ir units w	The second secon		ooling					le.
齿轮箱 类型 Gear unit type	n r/min	建比(Small	小空间安 confined 規格 Sizes	dpaces				規格 Sizes	rkshops				外安装 In the op 規格 Sizes	en	0000
ilbo			16	712	1318	1922	2326	16	712	1318	1922	2326			1318	1922	2326
	750	1.252 2.24 5.6	0.60	0.57	0.61	0.56		0.77	0.73	0.75	0.74		1.00	1.00	1.00	1.00	
HISH	1000	1.252 2.245.6	0.55 0.69	0.59	0.53	-		0.72 0.85	0.63 0.76	0.66	0.50		0.99	0.90	0.92	0.78	
	1500	1.252 2.243.55 45.6	0.43 0.56 0.74	0.52	0.0	=		0.63 0.76 0.93	0.56 0.69	3	13		0.92 1.04 1.19	0.86 0.96	0.76	3	
	750	59 1028	0.66	0.58 0.68	0.60 0.67	0.60 0.68		0.81	0.76 0.82	0.74 0.81	0.76 0.81		1.00	1.00	1.00	1.00	
H2	1000	59 1028	0.66	0.54	0.51 0.66	0.63		0.83	0.69 0.84	0.65 0.80	0.77		1.06	0.95 1.06	0.90 1.03	0.97	
B2	1500	56.3 79 1016 1828	0.56 0.64 0.75 0.81	0.47 0.56 0.69	0,54 0.63		4	0.76 0.82 0.94 0.99	0.59 0.62 0.71 0.88	0.67 0.78	0.68	· ***	1.05 1.10 1.20 1.24	0.88 0.87 0.98 1.14	0.81 0.93 1.05	0.83 0.93	-
	750	12.5112	0.71	0.70	0.70	0.70		0.83	0.83	0.83	0.83		1.00	1.00	1.00	1.00	1
H3	1000	12.5112	0.76	0.74	0.71	0.70		0.90	0.89	0.86	0.84		1.09	1.09	1.07	1.05	1
B3	1500	12.531,5 35.556 63112	0.77 0.83 0.87	0.62 0.78 0.87	0.54 0.69 0.84	0.53 0.64 0.81		0.96 1.00 1.03	0.82 0.96 1.03	0.67 0.87 1.00	0.65 0.81 0.97		1.21 1.23 1.24	1.10 1.20 1.24	0.95 1.12 1.23	0.88 1.07 1.20	
	750	80450	0.71	0.72	0,73	0.73		0.84	0.85	0.85	0.85		1.00	1.00	1.00	1.00	
H4	1000	80,450	0.76	0,77	0.78	0.78		0.90	0.91	0.91	0.91		1.09	1.09	1.09	1.09	
B4	1500	80112 125450	0.79 0.84	0.82 0.86	0.80 0.85	0.72 0.85		0.98	0.99 1.02	0.98	0.94		1.21	1.21 1.23	1.20 1.22	1.18	

表 1 Table							冷却风间 al capac				7 - 2 - 2 - 2 - 2						t _{so}
齿轮箱 类型 Gear unit type	n r/min	速比「	16	Small	交间安 confined 規格 Sizes 1318	dpaces	2326	16		halls wor 規格 Sizes		2326	16		外安装 n the op 規格 Sizes 1318	en	2326
нтѕн	750	1	0.89	0.93	89.0	0.98		0.93	0.95	0.99	0.99		1.00	1,00	1.00	1.00	
H2/3	1000	1.25112	1.07	1.13	1.16	1.18	700	1.11	1.15	1.17	1.17		1.18	1.19	1.19	1.19	***
DEIS	1500		1.41	1.46	1.45	1.44		1.43	1.47	1.45	1.44		1.49	1.51	1.47	1.46	

表 1 Table					Th		带冷却盘 apacity fa	COLUMN TO THE REAL PROPERTY.	C. State of the Control of the	To the second se	cooling o	lio					f _{iy}
齿轮箱 类型 Gear unit type	n r/min	速比(Small	小空间安 confined 規格 Sizes	dpaces.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-	規格 Sizes	kshops	34.45	2.0		外安装 In the op 規格 Sizes	en	VO. 50
туро			16	712	1318	1922	2326	16	7,12	13,18	1922	2326	16	7,12	1318	1922	2326
HISH	750	1.0	0.83	0,86	0.85	0.88		0.90	0.92	0.92	0.93		1.00	1.00	1.00	1.00	
TH2	1000	1.2528	0.94	1.00	0.96	0.96	ini	1.04	1.05	1.02	1.02	-00	1.15	1,15	1.10	1.09	100
TB2	1500	100	1.13	1.15	1,01	0.95		1.24	1.23	1.07	1.02		1.38	1.34	1.17	1.11	
54.	750	1		0.	85				0.	92				1.	.00		
H3.,	1000	125112		0.	98		inn		1.	06		ms		- 1	.15		ans.
94	1500	1000		1.	19				1.	29				- 1	.40		

对于系数fi,fio和fix<0.5,请与我们联系! For factors fo,fio and fix<0.5,please refer to us!





齿轮箱 Gear Units

服务系数 Service Factors

表12 Table 12						带冷却风扇和冷却 capacity factor to		Committee of the Commit		The second secon				
齿轮箱 类型 Gear unit type	n r/min	速比i		100000000000000000000000000000000000000	小空间安 confined 規格 Sizes	1 m m			F。大车 halls wor 規格 Sizes	间安装** kshops			M 分安装 In the ope 规格 Sizes	
type			16	712	1318	1922 2326	16	7,12	1318	1922 2326	16	7,12	1318	1922
HISH	750		0,93	0.97	0.98		0.96	0.98	0.99		1.00	1.00	1.00	
H2/3	1000	1.25112	1.14	1.19	1.19	1999	1.16	1.20	1.20	ires.	1.20	1.22	1.21	34
B2/3	1500		1.53	1.58	1.53		1.54	1.59	1.54		1.58	1.60	1.54	

对于系数 f₁₂<0.5,请与我们联系 For factor l12<0.5,please refer to usl







平行轴齿箱 Helical Gear Units

额定功率 Nominal Power Ratings

类型 H1 Type H1

规格 1... 19 Sizes 1 ...19

-	_	_		_	_			_	_	_	_	とかき	6规格	_		Ratio	-	_		_			_	_				_
	nı	n ₂	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	22	24	25	20
in:	1/n	_		-	3	*	3	0	1		7	-	, KW			-	_	_			19	20	61	24	20	24	23	-
t		1200	99		327		880		1671	-	702	_		1,011	n rour p		Liui g	-										Г
25	1000		66		218		586		1114	-	1801																	H
	750	-	50		163		440		836	-	351																	H
		1071	93		303		807		1559	\rightarrow	2501				6													H
1.4	1000		62		202		538		1039	_	667																	H
1.74	750	536	47		152		404		780	\rightarrow	252																	H
-	1500		85		285		737		1395	_	2318		3929															H
1.6	1000	-	57		190		491		929	\rightarrow	545		2618		4123													H
0.1	750	469	43		142		368		697	\rightarrow	159		1964	_	3094													H
	1500	-	79		209	-	672	-	1326	_	128		3611	\pm	3034		-	-			-							-
			53	-	-	-	448	-	885	-	-	-	-	-	2000		-	-		-		-	-	-		-		H
1.8	1000				140	-	174.7	-	-	\rightarrow	1421		2410	_	3860		-	_		_	-			\vdash				₽
-	750	417	40	-	105	=	336	-	664	_	065		1808		2895			-	-		-							-
	1500	750	73		196		644		1217	_	963	-	3353		new.									根金	居用户	要求包	共货	H
2	1000	500	49		131		429		812	\rightarrow	309		2236	_	3571			dwin.								quest		-
_	750	375	37	-	98	-	322		609	\rightarrow	982		1677		2678			4751			-	_		-	_			₽
J.	1500	010			175		589	-	1087		754		3087	$\overline{}$	2200													₽
2.24	1000		45		117		392	-4	724		168	-	2055		3283												_	H
_	750	335	34		88		295		544	-	877		1543		2466		4280		4								_	L
	1500	600	63		163		528		974	-	1571		2764		- 8				E.					_				-
2.5	1000	400	42		109		352		649	-	047		1843	-	3016		4607				X E							L
	750	300	31	-1	82		264	-1	487		785		1382		2262		3455		0					1				-
	1500	536	56		152		471		836	1	330		2470															L
2.8	1000	357	37		101		314		557		886		1645		2692	20	4224	AL.			811							
	750	268	28		76		236		418	-	665		1235		2021		3171		4799									L
	1500	476	50		135	19	419		758		1221		2088		3409					-11								
3.15	1000	317	33		90		279		505	:	813		1391	D.	2270		3850				Ņij							
Ц	750	238	25		67		209		379		611		1044		1705		2891		4311	- 1								
	1500	423	44		124		368		687	1	103	11	1936		3083													
3.55	1000	282	30		83		245		458		735	y in	1290		2055		3484		-		V III							
	750	211	22		62		183		342		550		966		1538		2607		3822						1			
T	1500	375	39		110		330		609		982		1728		2780	100		Ž								171	ji = i	
4	1000	250	26		73		220	144	406		654		1152		1853		3194		4529									
	750	188	20		55		165		305		492		866	(1)	1394	ř Ď	2402		3406		4823							
II,	1500	333	29		77		234		481		746	iπ	1395		2008		3557										liΠ	
4.5	1000	222	19		51		156		321		497		930	III	1339		2371		3394									
	750	167	14		38		117		241		374		699		1007		1784		2553		3777				11			
77	1500	300	25		66		198		377	-	644	il E	1059		1712	0	2790								10			
5	1000	200	16		44		132		251		429		706		1141		1860	WI.	2597		3644				1			
	750	150	12		33		99	1	188	-	322	! III	529		856		1395		1948	11	2733		ш		11			
	1500	200	17		56		168		320		491	1	892		1454		2371			Til	1	-			\mathcal{H}			-
5.6	1000	1	12		37		112		214		328		596		971		1584	U B	2212		2812							
	750	-	9		28		84	111/	160	\rightarrow	246		446	911	727		1186	_	1656	_	2105			-	4			

图式安装齿轮箱要采用强制润滑 Forced lubrication required on horizontal gear units





平行轴齿箱 Helical Gear Units 热容量 Thermal Capacities

类型 H1 Types H1 规格 1... 19 Sizes 1 ...19

-										热容量	-	mal C	_	_									
-			0 1	1	121		- r	. 1	6 1	齿轮箱	-	Gear	_		144	124	146	40 1	n I -	. 1 .	100	las I	e [-
			2 3	4	5	6	7	8	9	10 11	12	13	14	15	16	17	18	19 2	0 2	21 2	2 23	24 2	25 2
in .		熱	容量 PG	単位が	(W)			T	emi	: 无辅助 al capaci cooling.P	y PG	in KW)	depe	ndent	on k	ind of	cooling	:			带风机	和冷却	盘臂 2
7			11	0	207		230		190	Al h									-		1		1
.25	P _{G2}		17	454	408		562		342													1 1	
	PGS	109	26		641	90	923		322	941	1												
_	P _{G4}		32		819		1177	-	621	-	-	-	-		_	-	-	-	+	-	-		+
	PGI	68.0	11		409	10	250 567		247		ш										11	1 1	
1,4	P _{G2} P _{G3}	+0=	26		629		901		305	n												1 1	
	P _{G4}	105	31	100	800		1149		589	1111													
		66.2	10	8	215		261	1	303	234									_				
1.6	Paz		16	4	399	100	548		386	967		891											
	P G3	100	24	4	593		836	1	246	213	- 1	2631										1 1	
	P G4	1	29	5	754		1064	_	519	263	-	3220											
		66.0	12		214		274		323	330		100											
1.8	P _{G2}		18	200	387		552		582	100		1011											
	P G3	93.7	26	No. 1	557		818		195	208		2547											
-	P _{G4}	65.0	31	-	712		1040	_	454 334	255	-	3095						-	+	-		-	+
2	P _{G2}		17		372		534		668	101		1085		794						40.4	9 m A W	-10.00	
2	Pas	89.1	25		526		775	1.0	135	200		2483		2249	6/1					(96), (6)	開户要 On requ	and the second second	
	P _{G4}	00.1	30		670		985		382	244		3001		3099							On rock		
		57.0	11	2	202		263	_	335	433	-	416											
.24	P _{G2}	11.74	16	4.10	353		496		343	999	2	1119		908								1 1	
		83.9	23		490		699		063	189		2377		2190	_							1 1	
_	P _{G4}	_	28	6	628		888	1	296	232	2	2874		2984					-				
		54.1	1.00	3	192		252		328	452		486	H		10		0						
2.5	P _{G2}		15	S. Pa	332		466	10.00	f111	97		1121	_	1001								1 1	
	P G4	75.5	21		453 580		644 818		201	217		2246		2140 2876	_								
_	_	52.3	97	_	180	-	263	_	347	456	_	525	-	20/0	9	1	-	-	+	_	-		+
2.8	P _{G2}		10	450	309	117	477		530	928		1095		1063		15	884					1 1	
2,0		69.8	19		413		649		990	164		2091		2063			2359					1 1	
	PG4	Control of	23	(23)	529		824	1	205	201	7.4	2525		2744			3138						
	PGI	49.7	95	.1	185		293		371	520		620		464									
.15	P _{G2}	101	13	8	305		535		664	970	3	1151		1291			1253					1 1	
		64.9	18		408		755		075	167		2082		2218		ш.	2585						
	P _{G4}		22	_	517		967	$\overline{}$	320	203	+	2495		2847			3297	-	+	-	-	-	-
	1 12	45.0	87		182		272		349	493		607		527	7		420						
1.55	PG2	58.7	12	5.7	297 390		490 676		73	90%		1086 1899		1259 2057			1288 2443					1 1	
	PGA	50.7	20	~ .	494	22	870		198	183		2277		2628			3088		- 1			1 1	
		41.0	-	_	166		247		301	468	+	580		550			514					1 1	+
4	P _{G2}	41.0	11	N/A	269		438		523	833		1006		1194			1267	12	21				
		52.2		32.0	346		592		306	135	-	1711		1869			2249						
	P _{G4}		18	200	439		763		998	165		2055		2384			2829						
	PGI	41.0	87	.5	172		254	1	347	446	3	608		657			649	5	33				
4.5	P G2		12		272		437		585	789		1037		1273			1337	15	51				
	P G3	53.0	16	- 1	346	1,7	586		390	129	- 1	1766		1905			2236						
-	P _{G4}			3	438		749		093	158	_	2126		2403		-	2782	-		-	+	-	+
		37.0		2.1	163		245		316	443		586		676			776		38				
5	PG2	46.5	14	0.00	257 325		419 551		783	122		989 1662		1246			1495	15	78				
	P G4	40,0	17	20.7	411	11	707		64	150		2003		2276		1	2414				-	-	
	_	36.5	70		145		221		304	423		535		630			745	0	04				
5.6	P _{G2}		98		227	11	374		503	730		890		1131			1374		58				
	P _{G3}	46.8	12		281		483		729	114		1457		1595			2148	1					
	PG4	114	15		357		621		902	140		1761		2014			2660						





平行轴齿轮箱 Helical Gear Units 类型 H2..,H3... Types H2..,H3

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

		_								额	定功》	No.	minal	powe	rrasti	ng										
	100	1000										也	轮箱	見格	Gear	_	-									_
60	01	n ₂	3	4	5	6	7	8	9	10	11	12	13	14 Non		_	17		_	20	21	22	23	24	25	26
-	-	nin	02	402	000		174		200	R		章 PN		_		_	rating	-	U KAA				-	-		_
	1500	-	87	157	262	-	474	_	785		1383		2143	-	3564	_	4860	-	4000		_		-			-
6.3	1000	159	58	105	175	_	316		524		924		1432	-	2381	_	3247		4862	_			-		-	-
_	750	119	44	79	131		237		393		692		1072	_	1782	_	2430	_	3639							Ļ
	1500	211	77	139			420	417	696	7.0	1226	_	1900	_			4308	200			-	100	1-1-4	-		-
7,1	1000	141	52	93	155		281		465	-	819	_	1270		_	-	2879	_	_	_	-	11/1				1
	750	106	39	70	117		211		350		616		955		_	_	2164	_	_	3718	4551					L
	1500	188	69	124	207	266	374	472	620	-	-	-		-		-	3839	-	_							
8	1000	125	46	82	137	177	249	314		517	726		_	-	_		2552	_	_	_	_	_	111			L
	750	94	34	62	103	133	187	236	310	389	546	679	846	1053	1408	1575	1919	2264	2874	3297	4036	4508				
	1500	167	61	110	184	236	332	420	551	891	971	1207	1504	1871	2501	2798	3410	4022		1			111			
9	1000	111	41	73	122	157	221	279	366	459	645	802	1000	1244	1662	1860	2266	2673	3394	3894	4765	5323	111		-	
	750	83	30	55	91	117	165	209	274	343	482	600	747	930	1243	1391	1695	1999	2538	2912	3563	3981	4693			
	1500	150	55	99	165	212	298	377	495	620	872	1084	1351	1681	2246	2513	3063	3613					1			1
10	1000	100	37	66	110	141	199	251	330	414	581	723	901	1120	1497	1675	2042	2408	3058	3508	4293	4798				
	750	75	27	49	82	106	149	188	247	310	436	542	675	840	1123	1257	1531	1806	2293	2631	3220	3597	4241	4869		
	1500	134	49	88	147	189	267	337	442	554	779	968	1207	1501	2006	2245	2736	3227								Г
11.2	1000	89	33	59	98	126	177	224	294	368	517	643	801	997	1333	1491	1817	2143	2721	3122	3821	4268	5032			Г
	750	67	25	44	74	95	133	168	221	277	389	484	603	751	1003	1123	1368	1614	2049	2350	2876	3213	3788	4350	0	
	1500	120	44	79	132	170	239	302	396	498	697	867	1081	1345	1797	2010	2450	2890	3669		-		i hi		(= 1	
12.5	1000	80	29	53	88	113	159	201	264	331	465	578	720	-	_	_	1634	-		_	3435	3837	4524		1	
5	750	60	22	40	66	85	119	151	198	248	349	-	540	672	-		1225		_	11.00	-	100	-	3895	4900	
=	1500	107	39	71	118	151	213	269	353	443	622	773	-	1199		-	2185	_	_	-						
14	1000	71	26	47	78	100	-	178	234	294	413	_	639	-	-	-	1450	_		-	-	3405	4015	4609		\vdash
	750	54	20	36	59	76	107	136	178	223	314		486	605	_	-	1103	-	-		-	_	_	-	-	49
	1500	94	34	62	103	133	187	236	310	389	-					_	1919	_	_	_	_	-	-	-	1000	-
16	1000	63	23	42	69	89	125	158	208	261		-	567	706	-	100000	1286	200	-	-	_	3021	3562	4090	5146	1
10	750	47	17	31	52	66	94	118	155	194	273	340	423	527	704	787	-			_	_	2254	-	-	-	-
_	1500	83	30	55	91	117	165	209	274	343	482	600	747	930	-	_	1695		_	_	_	645	2000	0001	0000	170
18	1000	56	21	37	62	79	111	141	185	232	325	405	504	627	_		1143	-	_	-	-	2688	3166	3636	4574	51
10	750	42	15	28	46	59	84	106	139	174	244	303	378	471		704	-	-	_	_	-	2014	_	-	-	+
-	1500	75	27	49	82	106	149	188	247	310	436	542	675	-	-		1531	-	-	-	-	2014	2010	EIZI	3430	30
20	1000	50	18	33	55	71	99	126	165	207	-		450				-	-	-	_	-	2200	2027	2246	ANDA	AF
20		38	14	25	42	54	76	95	-	157	291			12115		_	1021	_	_	-	-	-	_	_		-
-	750		-		_		-		125	_	-	-	342	_		_	776	-		_	_	_		_	0104	130
	1500	67	25	43	72	95	130	168	217	277	382	-	617		-		1403		_		_		3929	_	0770	
22.4	1000	45	16	29	48	64	88	113	146	186	257	325	415	504	_		942	_	_	_	_	_	_	_	_	-
_	750	33	12	21	35	47	64	83	107	138	188		304	370		_	-	_	_		-	1583	_		_	_
	1500	60	_		69	85	129	151	214	-	377	434	553	672	-	-	1257	-	-	-	-	-	-	-	-	-
25	1000	40		_	46	57	86	101	142	-	_	289	369	448	-	725	-	-	-	-		1969		-	-	-
_	750	30			35	42	64	75	107	124	188	-	276	336	481	543	-	1	_	-	-	1476	_	-	_	-
	1500	54			62	74	116	133	192	220	339	-	498	616		_	1131			-	_	_	_	_	-	-
28	1000	36			41	49	77	89	128	100	226	256	332	411		652	-		_	_	-	1772		-		-
	750	27			31	37	58	66	96	110		192	249	308	433	489						1329		the second second		
	1500			1-1	_	73	103							_		_	1005		_	_						-
31.5	1000	32			37	49	69	85	314	144	201	251		_	513		-	-	_			1575				-
	750	24			28	36	52	64	85	108	151	188	221	274	385	435	503	603	754	867	1055	1181	1407	1608	2010	22
	1500	42			48	64	90	112	150	189	264	330		479			880									
35.5	1000	28	ice I		32	43	60	75	100	126	176	220	258	320	449	507	586	704	880	1012	1231	1378	1642	1876	2346	26
	750	21			24	32	45	_	75			165	_	_			-			-						-

卧式安装齿轮箱要采用强制润滑 Forced lubrication required on honzontal gear units





平行轴齿箱 Helical Gear Units 类型 H2...H3... Types H2...H3...

热容量 Thermal Capacities 规格 3 ... 26 Sizes 3 ... 26

								-		PG.KI		轮箱想	-	_	-										
	1	3	4	5	6	7	8	9	10	11	12		-			_	18	19	20	21	22	23	24	25	26
he		76	容量P	'G(単(pacit	y Pg(n KW) dep	冷却 ^自 ender	英寶: nt on l	PG2:	存冷却 t coo	风麻 ling:	PG1;W	: 帶X	aux				和冷		_
	Pgi	53.2	68.2	89:4		128		177		253		333		325		230		291							
6.3	PG2		93.5	-		202		273		443		607		652		775		-							
0.3	Pos	84.9	114			291		454		669		1164		1405		1713									
	Po4	50.9	137	_		357 124		539 173		835 256		1394		1653 351	342	2122	-	375	321	372					-
2/1	PG1 PG2	50.9	95.7			194		264	-	440	-	601		659	672	807	_	3/5	321	3/2					-
7.1	Paa	79.9	115	180		273		427		650		1123		_			1710								
	PG4		-	217		336		506		813		1344				_	2129								
	PG1	49.2		88.5			137	_	176	252	291	341	372	368	368	365		431	402	458	398				-
8	PG2	76.3	91,4		187	187	213	405	267 450	428 619	495 849			658			1658			_					-
	PGA	(0.0			226	320	365		530							_	2042								
	PGI	46.5				116		-	172	243				375	383	399		469	457	516	479	1037	-		
9	PG2		88.2	_	141	180	204		257	406	491		652	647		829			T					12.1	
	PGs	71.4	104		187	246	280		421	572	824						1615								-
_	PG4	AAT	126	198	225	112	129	456 157	496 167	717 235	994 289		378	375	390	418	1983	508	492	572	535	1076	1119		-
24	PG2	7877	83.0		137	171	197	234	249	388	478	552		629	664	820	850	500	452	SIE	350	1070	1113		
10	PG3	66.4	96.9	_	179	231	266		401	537	783						1556	emi.							
	PG4		117		215	285	327	428	472	672	950						1908	- 1					-		
71		41.7				_											437	530	530	607	589	1118	1163		-
1.2	PG2 PG3	62.2	79.4	_	132	172	189	335	378	389 533	720	-	1082	606	1187	1451	1494								-
	PG4	UZ.E	111	173	206	283	310	400	447	668	872	-	1275	1292	1391	1717	1822	-							
	PGI	40.8	56.7	_	88.1	111	119	146	156	238	267	323	364	372	384	444	-	555	550	641	621	1118	1163	1337	E
2.5	PG2		75.7	107	124	167	180	215	229	381	430	523	595	600	622	799	817		-						
-	PGS	59.7	88.5	141	157	224	237	324	356	522	675	863	_	1078	1114		1410								-
	PG4	38.2	106	169 72.1	190	102	120	142	149	650 226	270	310	1199	1261 359	1305	1665	1716 459	551	574	643	653	1110	1104	1927	190
	PG2	30.2	71.5	101	118	153	181	207	217	359	433	495		569	615	766	816	551	J/4	045	000	1170	1.109	1921	100
14	PGI	55.5	82.7	131	148	200	235	305	331	483	670	799	987		1087		1369								
	PG4	_	99.1	-	179	247	290	364	392	602	813	_	1187		1276		1665			-					
	PG1	35.3	_	_	82.6	95,3	118	133	145	212	269	283	354	361	371	420	-	536	568	627	653	1084	1127	1296	136
16	Pos Pos	51.3	74.5	93,7	114	142	175	193	321	334	424 653	707	900	565 978	1009	725	781				-		-		-
	PG4	01.0	89.6	-	175	226	282	334	378	549	789	855	1084	1147		1444	Contraction of								
	_	34.4	47.0	64.5	78.1	91.1	108	125	140	196	255	285	338	340	373	415	433	534	551	617	637	1050	1092	1256	131
18	Poz	-	-	89.4	108	136	160	181	202	310	398	450	533	527	579	702	739			_					
	Pos	50.2	70.0	_	135	175	206	312	302	410 513	729	709 854	1007	901	987	-	1185		=	-			-		-
	PG4	32.1	-	-	73.1	_		121	132	189	238	267	308	326	351	1373	_	517	548	598	634	1015	1056	1214	127
200	PG2	-	-	83.5	100	126	149	174	189	297	369	419	482	498	540	681	717		-	-	-	19.10			
20	PGs	45.9	67.7	105	124	160	189	250	278	387	547	646	740	828	910	-	1124								
-	PG4	21.0	81.4	126	150	198	232	298	329	484	663	780	893	970	1069		_	440	F04	FOA	CAT	775	1005	000	100
-7.17	PG1 PG2	31.9	55.8		69.8 95.8	121	97	111	124	176 275	220 343	301	310	330 443	336 510	355 460		440	531	524	607	115	1005	928	121
22.4	Pos	45.3	61.7		118	153	180	225	259	352	512	525	740	844	834	844	1078								
	PG4		74:3	115	142	188	221	269	307	441	620	580	893	941	980	934	1311	- 1							
	PG1	Ш	100	56.8	65.4	-	90.6	_	120	173	213	234	290	322	341	344	367	435	453	537	535	760	790	908	94
25	PG2	_	_	_	89.3	-	132		171	224	329	292	448	429	456	445	474			_					_
	PGa PG4			-	_	158	_	NAME OF TAXABLE PARTY.		392		Service of the last		795 888	953	796 881	940			-					-
	PG1			-		84.7			111	167	198	225		318	333	339	355	427	447	540	548	778	809	930	96
28	PG2		1	66,5	82.6	106	127	143	158	215	304	281	323	421	441	436	456		-	-		-			
LU	Pas			93.2	98.8	-	157	224	224	367	435	468		767	804	766	799					-5			
	PG4			_	61.2		193		267 115	161	530 194	518 219		310	328	850 329		417	439	537	549	773	804	925	96
Let S	PG1			_	73.9	101	112	139	144	207	247	272	312	409	433	422		417	438	337	548	773	504	923	30
31.5	PG3				102	148	162		268	350	403	449		732	775			- 3							
- 1	PG4			100	114	167	181	240	293	391	450	496	574	819	867	813	856	±ξ							
- 1	Par	-	V -			78.6			114	155	186		243		320	313		405	429	530	545	766	797	916	95
35.5	PG2	-	-		70.9	98.1	112	134	141	199	236	262		388	420	399		2		-					-
-17-1	PG4	_		-			160	205	260	331	377	427		678	741	878	738 819			-		-			-





平行轴齿轮箱 Helical Gear Units 类型 H3..,H4... Types H3.., H4...

额定功率 Nominal Power Ratings 规格 5...26 Sizes 5...26

		100								~~~	_	omina 齿轮鞘	-	-	unit siz	205								
in	nı	n ₂	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
	1/n	nin								额定工	办率 PI	N, KW	Non	ninal pe	ower n	atings	PN in	kW						
4,1	1500	38	44	58	82	101	135	171	239	298	350	434	609	688	796	955	1194	1373	1671	1870	2228	2547	3183	35
40	1000	25	29	38	54	67	89	113	157	196	230	285	401	453	524	628	785	903	1099	1230		1675		_
	750	18.8	22	29	40	50	67	85	118	148	173	215	301	341	394	472	591	679	827	925			-	-
	1500	33	38	50	71	88	117	149	207	259	304	377	529	598	691	_	1037	1192	1451	-		2212		-
45	1000	22	25	33	47	59	78	99	138	173	203	251	352	399	461	553	691	795	968	_	1290	-	-	-
_	750 1500	16.7	19	25 46	36 64	45 80	107	75 135	105	131	154 276	191	268 481	303 543	350 628	420 754	525 942	1084	734	1476		1119		-
50	1000	20	23	30	43	53	71	90	126	157	184	228	320	362	419	503	628	723	880	984	1173	_	1675	-
30	750	15	17	23	32	40	53	68	94	118	138	171	240	272	314	377	471	542	660	738	880	1005	-	
	1500	27	31	41	58	72	96	122	170	212	249	308	433	489	565	679	848	975	1187		1583	1809	_	-
56	1000	17.9	21	27	38	48	64	81	112	141	165	204	287	324	375	450	562	647	787	881	1050	_	1499	-
	750	13.4	15	20	29	36	48	60	84	105	123	153	215	243	281	337	421	484	589	659	786	898	1123	-
	1500	24	28	36	52	64	85	108	151	188	221	274	385	435	503	603	754	867	1055	1181	1407	1608	2010	-
63	1000	15.9	18	24	34	42	57	72	100	125	147	181	255	288	333	400	499	574	699	783	932	1066	1332	14
	750	11.9	14	18	26	32	42	54	75	93	110	136	191	216	249	299	374	430	523	586	698	797	997	17
7	1500	21	24	32	45	56	75	95	132	165	194	240	336	380	440	528	560	759	924	1034	1231	1407	1759	-
71	1000	14.1	16	21	30	38	50	63	89	111	130	161	226	255	295	354	443	509	620	694	827	945	1181	-
_	750	10.6	12	16	23	28	38	48	67	83	98	121	170	192	222	266	333	383	466	522	622	710	888	3
20	1500	18.8	22	29	40	50	67	85	118	148	173	215	301	341	394	472	591	679	827		1102		1575	-
80	1000	12.5	14	19	27	33	45	56	79	98	115	143	200	226	262	314	393	452	550	615	733	838	1047	-
	750	9.4	11	14	20	25	33	42	59	74	87	107	151	170	197	236	295	340	413	463	551	630	787	8
nn	1500	16.7	19	25	35	45	59	75	105	131	154	191	268	303	350	420	507	603	717	822	979	1119	_	-
90	750	8.3	13	17	17	22	39	37	70 52	65	76	95	178	150	174	279	337 252	300	356	408	651 487	744 556	930	7
	1500	15	10	23	32	40	53	68	94	118	138	171	240	272	314	355	471	526	660	730	880	1005	1257	-
00	1000	10	-	15	21	27	36	45	63	79	92	114	160	181	209	237	314	351	440	487	586	670	838	9
00	750	7.5		11	16	20	27	34	47	59	69	86	120	136	157	177	236	263	330	365	440	503	628	7
_	1500	13.4		20	29	35	48	59	84	105	123	153	215	243	281	337	421	484	589	659	786	898	1123	12
12	1000	8.9		13	19	23	32	39	56	70	82	102	143	161	186	224	280	322	391	438	522	596	746	8
	750	6.7		10	14	18	24	29	42	53	62	76	107	121	140	168	210	242	295	330	393	449	561	6
	1500	12			26	32	43	54	75	94	111	137	192	217	251	302	377	434	528	591	704	804	1005	11
25	1000	8		Ţ	17	21	28	36	50	63	74	91	128	145	168	201	251	289	352	394	469	536	670	7
100	750	6		- 10	13	16	21	27	38	47	55	68	96	109	126	151	188	217	264	295	352	402	503	5
	1500	10.7			23	29	38	48	67	84	99	122	171	194	224	269	336	387	471	527	627	717	896	10
140	1000	7.1	-		15	19	25	32	45	56	65	81	114	129	149	178	223	256	312	349	416	476	595	6
	750	5.4			12	14	19	24	34	42	50	62	87	98	113	136	170	195	237	266	317	362	452	5
	1500	9.4			20	25	33	42	59	74	87	107	151	170	197	236	295	340	413	463	551	630	787	8
160	1000	6.3	-		14	17	22	28	40	49	58	72	101	114	132	158	198	228	277	310	369	422	528	5
	750 1500	8.3	_	-	10	13	30	37	30 52	65	76	95	133	150	98 174	118	148	300	207 365	408	276 487	315 556	394 695	7
180	1000	5.6	-	-	12	15	20	25	35	44	52	64	90	101	117	141	176	202	246	276	328	375	469	5
100	750	4.2			9.0	11	15	19	26	33	39	48	67	76	88	106	132	152	185	207	264	281	352	3
_	1500	7.5	_		16	20	27	34	47	59	69	86	120	136	157	188	236	271	330	369	440	503	628	7
200	1000	5			11	13	18	23	31	39	46	57	80	91	105	126	157	181	220	246	293	335	419	4
	750	3.8	-		8.2	10	14	17	24	30	35	43	61	69	80	95	119	137	167	187	223	255	318	3
	1500	6.7			14	18	24	30	42	53	62	76	107	121	140	168	210	242	295	330	393	449	561	6
224	1000	4.5	ile:		10	12	16	50	28	35	41	51	72	82	94	113	141	163	198	221	264	302	377	4
	750	3.3			7.1	8,8	12	15	21	26	30	38	53	60	69	83	104	119	145	162	194	221	276	3
	1500	6			13	16	21	27	38	47	55	68	96	109	126	151	188	217	264	295	352	402	503	5
50	1000	4			8.6	11	14	18	25	31	37	46	84	72	84	101	126	145	176	197	235	268	335	3
	750	3			6.4	8.0	11	14	19	24	28	34	48	54	63	75	94	108	132	148	176	201	251	2
4.	1500	5.4			12	14	19	24	34	42	50	62	87	98	113	136	170	195	237	266	317	362	452	5
80	1000	3.6	_		7.7	9.6	13	16	23	28	33	41	58	65	75	90	113	130	158	177	211	241	302	3
-	750			_		7.2		12	17	21	25	31	43	49	57	68	85			133	158	181	226	_
45	1500	4.8	_		10.3	13	17	22	30	38	44	55	77	87	101	121	151	173	211	236	281	322	402	-
15	750				7	8.5	11	14	20	25	29	37	51	58	67	80		116	106	157	188	214	268	_
	750 1500	4.2			5.2 8.6	6.4	15	11	15	19	39	48	62	76	50 84	106	75 128	152	106	207	246	161	352	3
55	1000	2.8			5.7	7.5	9.7	13	17	22	26	32	41	51	56	70	85	101	120	138	164	188	235	2
90	750	2.1			4.3	5.6	7.3	9.5	13	16	19	24	31	38	42	53	64	76	90	103	123	_	176	1
	1500	-			4.0	10.1	1.0	17	10	30	10	43	01	63	16	89		133	30	185	120	255	17.0	3
00	1000					6.7		11	1111	20		29		41		58	1	88		122		168		2
	750	1.9				5.1		8.6		15		22		31		44		67		93		127		1
	1500	_				8.6		14		26		38			-					-				Ė
150	1000		-			5.7	-	9.6	11.11	17		25												
1.78		1.7				4.4	-	7.4		13		19												





平行轴齿轮箱 Helical Gear Units 类型 H3..,H4... Types H3..,H4...

热容量 Thermal Capacities 规格 5...26 Sizes 5...26

											也和	2箱规	& Ge	ar unit	sizes	-							
	111	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
în.		*	A容量F	PG(单(立为KV			Th	ermal	capac	ty PG(in KW	depen	dent o	n kind	PG3; of coo PG4:ta	ling;				胃和冷	却盘管	ò
	PG1	48.1	56.6	74.6	86.8	101	110	149	180	204	236	284	304	300	322	390	416	517	537	754	784	902	938
40	PG2	58.3	68.6	92.8	107	127	137	190	228	251	291	371	398	382	409		10	+				-	
-0.7	PG3	79.3	92.4	132	151	191	248	312	359	403	467	639	686	641	683				2		1		
_	PG4	88.6	103	149	170	214	272	349	402	446	517	717	770	711	760	200	104	501	con	740	775	004	00
	PGI	46.0	54,9 66.2	71.8	84.1 104	97.2	107	148	173	195	227	282 368	293	297	309	386	401	501	524	745	775	891	92
45	PG2 PG3	55.7 74.9	88.3	126	145	121	238	305	219 341	379	444	626	648	627	644								
	PG4	83.8	98.7	142	163	203	261	342	382	419	491	702	725	695	716		100		100				
	PGI	44.4	51.7	67.6	79.8	94.9	101	145	166	191	219	281	291	292	306	379	395	500	508	736	765	880	91
- 4	PG2	53.6	62.2	83.7	98.0	118	125	184	210	233	269	362	378	368	386	ura.	550	500	500	750	705	000	3,
50	Pas	72.3	82.0	118	136	177	221	299	322	369	419	619	634	613	628								
	PG4	80.9	91.7	133	152	197	242	334	360	408	465	691	710	681	701		111						
	PGI	42.1	49.6	64.4	76.7	90.3	97.0	134	165	184	209	267	289	278	300	362	388	477	506	720	749	861	89
63	PG2	50.7	59.5	79.4	94.1	112	120	170	208	225	256	343	371	350	377		45	150	9.0	0.55		7.2533	37
56	PGS	67.9	77.6	111	129	165	209	271	315	349	394	577	626	574	617								
	PG4	75.6	86.9	125	145	185	229	302	353	386	437	645	698	636	684		- 11			F-1-			
	Pai	39.6	47.7	60.0	72.4	85.3	94.7	127	161	174	204	252	275	262	286	338	371	456	482	697	724	834	86
60	PG2	47.6	57.1	73.8	88.5	105	116	160	202	212	249	323	353	329	357		177	4		(1)	1,00	100	100
63	PG3	62.9	74.9	102	121	153	204	251	309	325	384	533	582	530	576	mit.	7						
	PG4	70.2	83.8	114	136	172	224	280	345	359	425	596	653	589	640	- 3				-			2
	PGI	39.2	45.2	58.2	68.9	83.4	90.1	124	150	169	197	245	260	252	270	333	346	431	461	669	696	800	83
71	PG2	47.0	54.0	71.3	84.1	103	111	155	187	205	239	313	332	315	337	-		11					
0	P _{G3}	62.2	70.2	97.9	113	150	191	242	279	310	364	513	540	507	534								
	PG4	69.4	78.3	110	127	167	209	270	312	343	403	573	604	564	592						-		-
	PG1	37.2	42.6	56.8	64.3	78.9	85.1	117	141	164	186	236	252	242	259	315	341	411	435	655	681	783	81
80	PG2	44.5	50.6	69.6	78.2	96.8	104	146	176	199	226	300	321	302	323								
2	PG3	57.8	65.2	94.2	104	139	177	223	259	299	338	484	519	479	511								
_	PG4	64.6	72.8	106	117	156	194	250	290	330	375	542	580	532	567	000	200		245		050	750	-
	PG1	36.7	42.2	53.7	62.2	74.9	83,0	113	138	153	180	222	243	228	248	299	322	399	415	627	652	750	78
90	PG2	43.9	50.2	65.7	75.4	91.8	101	141	171	186	218	282	308	284	309								
- 7	PGS	56.2	64.6	87.1	100	129	173	214	250	274	323	448	490	443	483			-			-		
-	PG4	63.0	72.1	98.3	113	145	189	240	280	304	357	501 179	549	493	537	200	200	200	400	500	200	011	75
37	Pai		40.0 47.5	48.1	60.9 73.8	67.1	78.8 95.9	99.5	130	133	175 212	119	228	201	234	282	306	388	403	509	632	611	75
100	PG2 PG3		60.0		96.7		161		231		311		453		447								П
	PG4	11.1	67.2		109		176		259		344		507		497								
	Pai	-	39.5	46.3	57.6	64.2	74.9	98.7	126	130	164	171	184	192	206	270	289	379	392	498	518	596	62
120	PG2		47.0	WATE.	69.8	2112	91.2		156	100	198	(,,	1		-			-		1	***	
112	PG3		58.5		89.6		149	9.1	222		286												
	PG4	114	65.5		101		164		249		317			11.7	100		Did.						
125	PG1			44.9	51.6	62.1	67.3	94.6	110	126	142	165	177	185	197	261	276	367	383	488	508	584	60
140	PG1						_	91.5	_	_	138	159	_	_	190	-	267	347	_	475	-	568	59
160	PG1	71111		41.0		56.8			105	_	134	153	164	171	183	241	257	333	351	455	473	544	56
180	PG1			39.4	_	54.4	60.4		101	111	130	150	157	167	175	230	247	328	336	439	457	525	54
200	P _{G1}	Trisi		37.9	43.9	52.6	57.0	79.2	96.4	108	123	146	154	161	172	222	236	309	331	432	449	516	53
224	PG1			35.7	42.0	50.5	54.6	75.9	92.8	103	118	136	150	150	166	213	227	295	312	428	445	512	53
250	PGI			34.1	40.7	48.2	53.0	72.1	87.6	98.0	115	129	139	143	155	202	218	279	297	409	425	489	50
280	PGI	Pil		33.1	38.2	46.8	50.8	69.4	84.3	94.9	109	125	132	139	147	194	207	268	281	388	404	467	48
315	PG1	1		32.4	36.6	44.6	48.5	67.7	79.9	91.0	105	119	128	133	143	190	199	257	270	374	389	447	46
355	PG1			30.9	35.5	43.8	47.1	64.4	76.9	86.8	101	117	123	130	137	181	195	245	260	363	378	435	45
400	PG1				34.8		44.9		75.1		97.1		120	i Hi	134	-	185		248		359		42





额定功率 Nominal Power Ratings

规格 1...26 Sizes 1...26

_			_									C-02		minal	powe	er ratio	ngs											
	nı	n2					l e		2			齿轮箱	-		ar uni			10	177	10	10	no	l ne	1 00	70	04	nr	0
111	416	nie.	-,	2	3	4	5	6	. 6	0	9	10	11	12	13	14	15	10	17	10	19	20	21	22	23	24	25	2
-	1/0		20	62	07	1400	lans		550		DOA		1051	1 17	2022													
-	1500	-	36	63	97	182	295	-	559	_	880		1351	-	2073	-	OCCC					-	-			-		H
5	_	200		42	65		197		373	_	586	-	901		1382		2555	_	_		-	_			_	-	-	-
_	750	150		31	49		148		280		440		675	_	1037		1916							-				-
56	-	268		56	87	-	264		500		786		1263	0.00	1680		0.750			-								
5.6	1000	-	_	37	58	_	176		334		525		843	14	1256		2287						-					
	750	134		28	43	81	132	1.1	250		393		631		940			1894	2736		-				-	-	+	
93	1500	238	29	50	77	145	234	299	444		-	1000		-	1769	100000	-											
6.3	1000	159	19	33	52	97	157	200	296	371	466	_	-		1182				_		-							L
	750	119	14	25	39	72	117	150	222	278	349	444	586	685	885	1022	1620	1757	2430									
	1500	211	25	44	68	128	208	265	393	493	619	787	1083	1259	1613	1856				1								
7.1	1000	141	17	30	46	86	139	177	263	329	413	526	723	842	1078	1240	1949	2141	2879	-								
Д	750	106	13	22	34	64	104	133	198	248	311	395	544	633	810	932	1465	1609	2164	2553								
П	1500	188	23	39	61	114	185	236	350	439	551	701	994	1161	1516	1732	2598	1	_									
8	1000	125	15	26	41	76	123	157	233	292	366	466	661	772	1008	1152	1728	1937	2552									
	750	94	41	20	31	57	93	118	175	219	276	350	497	581	758	866	1299	1457	1919	2264					-			
=	1500	167	20	35	54	101	164	210	311		_	_	_		1364													
9	1000	-	13	23	36	67	109			-	$\overline{}$	414	_	_	-		-	_	2266	2673								
5	750	-	-	17		50	_	104	_	_	-	_				-	_	_	-		_							
_	1500	-	18	31	49	91	148	188	280	350	440	559			1225			_	-	1000							_	H
10	1000		12	21	32	61	98	126	186	234	293	-	529	-	817	_	-	-	2042	2409	-						-	-
10	750	75	9	16	24	46	74	94	140	175	-	280	397	-	-	-			1531		_						\rightarrow	H
-		100	-		-			-	2000	-	-	-	-		-	_			-	1000				1		_	-	-
	1500	134	16	28	43	81	132	_	250	313	393	-		_	1094	-	-		_	2440								-
1.2	1000	-	IT.	19	29	54	88	112	166	208	261	332		578	_	_	-	-	1817	-	_		-			-	_	H
_	750	67	8.1	14	22	41	66	84	125	156	196	250			547		_		1368	1614	-		_					-
20.1	1500	120	14	25	39	69	118	-	214		1000	_		_	980	-	-				-		-					-
12.5	1000	80	10	17	26	46	79	_	142	_	235	_	423		_	_	_		1634	_			2848	_				
	750	60	7.2	13	19	35	59	75	107	140		224		-	_		-	_	1225		1571		2136			-	1	
	1500	107	13	22	35	67	110	134	204	250	331	399	594	695	896	1092	1535	1658	2185	2577						-		-
14	1000	71	8.5	15	23	45	73	89	135	166	219	265	394	461	595	725	1019	1100	1450	1710	1948	2193	2676					1
	750	54	6.5	11	18	34	55	68	103	126	167	201	300	351	452	551	775	837	1103	1301	1481	1668	2036	2290			1	
	1500	94	11	19	31	61	100	118	188	212	305	350	551	610	817	960	1398	1516	1969	2264								
16	1000	63	7.3	13	20	41	67	79	126	142	205	235	369	409	548	643	937	1016	1319	1517	1814	2032	2507	2784				
	750	47	5.4	9.6	15	31	50	59	94	106	153	175	276	305	408	480	699	758	984	1132	1353	1516	1870	2077				1
	1500	83	9	16	26	56	92	110	172	201	282	326	504	565	739	869	1286	1391	1738	2086	-							1
18	1000	56	6	11	18	38	62	74	116	135	191	220	340	381	498	-		-			-	1876	2346	2568				
m	750	42	4.5	7.9	13	28	47	55	87	102	143	165	_	286	-	440		-	-	-	-		-	1926				
	1500	75	1.0		28	52	86	104	161	188	267	-	471	534	691	_		-	1571	-	-			1.020				
20	1000	50			19	35	58	69	107	125	_	206		356		_		_				1738	2190	2382	2032			H
20	750	38		-	14	26	44	53	82	95		156	239	271	350	_	_				_		-	1810	-			H
-	-	-	-											-	-		-		-		-	-	-	1010	2220	-		H
00.4	1500				25	46	77	97	144	174		288			617				1403	-			-	2215	0000	2015	-	-
2.4	1000	17.7			17	31	52	65	97		160	193	-	-	-		-	_					-	2215				-
-	750	_			12	23	38	48	71															1624	1935	2212	2/64	-
ble.	1500	_			23	41	69	91	-		-								1257			=		1000				-
25	1000	-			15	28	46	61		-					_				_	_		_	_	1969	_	_	_	-
	750				11	21	35	46	64	-	107	_	_	_	_	_	_	_	_	_		_	_	1476	1759	2010	2513	28
	1500	54	1	-	20	37	62	82	116	144	192	243	339	424	498	616	865	978	1131	1357	1696	1950	2375				1	
28	1000	36		J- 7	14	25	41	55	77	96	128	162	226	283	332	411	577	652	754	905	1131	1301	1583	1772	2111	2413	3016	

D式安装齿轮箱要采用强制润滑 Forced lubrication required on horizontal gear units

96 122 170 212 249 308 433 489 565 679 848 975 1187 1329 1583 1809 2262 2545





直交轴齿轮箱 Bevel-helical Gear Units

热容量 Thermal Capacities

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

													齿轮	箱規約	G	ear ur	nit siz	es									
W	UE)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
IN		Th				之为KV a(in K	11.00			1	95-8	-	7.5							-					222		oli.
	PG1		_		_	86.9		122		150		233		286		330											
5	B. (200)	7 7 96 4	100	73.1	10.00	140	177	223	177	272	100	458		662	E N	797	111	144		100							
0	PG3	41.1	59.2	109	135	202	100	313		391		664		1318		1786											
			-		166			403		500		862		1632		2158								-			_
	0.000		100000		64.1			117		144		233		295	F 1	349		328			TT						
5.6	100	T 050 K N	1000	100000	96.9 130	1 XXX		209 288		256 360		446 631		653 1264		789 1729	Шķ	862 2015									
V.	1.0	100			The second second	242		371		461		821		1573		2084	0.10	2427			11.0	-		17.			
						81.9			134	137	155	218	277	282			374	353								-	
6.3						130					The second second	406	11 20 20	446	100000	752	815	836			11.11						
0.0	27 . 4 57				124		259	261	10.0 0.00	327	722-73		100 000 000		100 100 100 100	15/5/2012/19		1872									
						225									-			2262	$\overline{}$								
	100					77.7	F 40 / C 11	104	127	130		217	275	No. of the last of	341	100000	372	10000000	388		110						
7.1	A Charles	100000000000000000000000000000000000000	The second of the	Andrew Market	87.6		148 252	182			256			589	a dealer and the second				867 1882								
YI.	A			1000	114	208	1000		1		10000000		/	1.002	1130 - 1 1	100000	16 17 18 17 18		2269				ш	ш.			
						73.3				124	141	201	254		322				393								
	C 20 C 20 C	24.31%	1000	10000	10 y C 20 10 11	114	100000	10000000	100000000000000000000000000000000000000	1000000	16000	362	100	539	100000	200	2000 A 1	1.000	832								
8	200,000,000	4 - 10	1000	200	105	the second second	233	and the second	Links and	The second second		473			Non-Williams 1	and the second		4000	1758								
					130		277	287				619				white was			2115	4	-						
	9/17/25	100000	COADT	45.8	The second		85.8		100000	1000	10-14-25	193	ALC: NO THE REAL PROPERTY.	260	322	10000000	347	10 6 7 7 1	381		7						
9	lat 250	40.00	W-20 3	100	The last and	108	100 C 100 C	200	10000	12/2/10/20	E2. V.S.	0.00	200	1.000	N 935	12000	04.05.4	2036	773								
	2772365	100000000000000000000000000000000000000	27		The same of	142		A Company of the Comp	4000	(pro-	100000	10-10-14		100000	La Salvadara	A CONTRACTOR	Tarbelli J.		4.655								
-						176 64.6						183		249		=		342						-		-	-
3.	1 2	14.5 43.00	5000	1000	112 500	98.9	1000 31		13.5	1107570	2712	10000	100000	0.000 (0.000)	1 - 100 000	C-327	Contract of the	684	1000								
10	6.20 4 6 7	110000	1-12-16	12.7	March 1971	127	10000	100000	269	1000	319	409	10000	URT disco-	1.00	The state of the	1,000,000	1403	579.559								
	1000000	10000	1957/OP	45.00	1200	158	1000	30000	T. 4 L. 1944	COSCO	Transfer of	45000		C243	No. of the control of	CC CC	VETC.	40 + 50° V	1818		11.						
			-	_		57.9					122	164	223	224	290	280	322	315	363								
1.2	A 1975 To 1971	4.6.7.6	C 10 10 10 10 10 10 10 10 10 10 10 10 10	121.9F Z	10000	88.0	INDIOCO.	107575	127570	1 1 2 1 2 1		7	11 4 7 7 7 1	10.00	10.00	100 1 10 1	100 8 72	618	111111111111111111111111111111111111111								
	0.000	110000	+213	100	25/34	111	12000	The second	120.7	A ESICHER	PLE 0	354	120 470 10	720	10000	(C3/C/b)	1000	1243	1545.30								
-			_	_		138						_					$\overline{}$	_	1688	_	-	-	-	-	_	-	-
77					0.75, 77, 27	61.1 83.0	100 000 000	4 1 1 - 20 - 1	1.500	33 37	70.00	HUNGER CO.	0.20000	4000 400 11	522	10000C	293		334 636	71							
2.5	100000000000000000000000000000000000000	1000	10° 30° 70° 70°	4.7.70	4.00	117	10.00	1.7	5-2	100	2.1.14	100000000000000000000000000000000000000	111190	A-2-3-4	10.10.12	1000		1 /4 / E	0-50								
	40.0010.1	100000	6.1	100 7 100	5.86 (2)	137	100.000	1 1 Table 1	19-5-5-1	400	Frad til	12/12/1	12 12 3	537724	1,000,000	130-3-11		16.22.3	Charles W.		-						
		_	-	_		59.2	_				_	_	_	_		$\overline{}$											
14	PG2	21.0	27.8	39.7	56,8	80.3	94.4	128	141	176	168	282	316	382	462	512	552	657	734								
1.4	1.50.4506	11.14.1	1. 2. 2. 4. 4	100000	10000C	113	LUGGE	THE REAL PROPERTY.	(T. 20)	T-0.10-1	10.00		ACCESS:1	10000	157557	12075-0-14	ALC: NO A	1214	10000000								
		_	_		_	132			-	_						_		1455	-						_	_	_
	DOM: N	U 20 N	E-0479	400 000	440 455	57.2		1.000	110000	100000	137	171	203	1,4-3,4-1	259	120000	1000	365	14000				111		177		
16	700000	ACCOUNT OF	100	DOM: NOT	7-00 PM	77.3 109	10.00	100 - N	2000	172 287	190	268	311 526	349	404 699	Art Tank	4 3 3 3 5	1194	DK1341								
	7.00	EPC-100	196.30	100	W Co.	127	200	(Charles)	- 100	The second	- na 1	487		1.0000004	1000000	F-12-374	10000	0.7541	1460		20			7.4	17.	<i>)</i>	
						55.4				118		168			261	_	332	_	399					-			
	500 000 000	1000	23 12.0		2.00	74.9	5 70 3	1000000	7.75	166	0,113	262		352	407	Cra-2-11	521	1975.0	698								
18	PG3	19.5	27.5	45.1	64.7	105	116	182	205	277	298	393	527	621	703	945	1003	1142	1257								
	_	20.8	29.3	-	-	123	-	_	_	320	_	477		_				-	1506								
	PG1			10 may 10 hrs	TR 16 7 8	53.1	1000	and the second	Dept. or 1	113	1.2 pt. 63	160	100,100,20	209	239	296	317	MRCP-17-	366	32.33		475		795	13		
20	PG2			100 878	THE V	71.8	1000000	1000000		159	180	250	100	329	ILP CORT	1979	4.508.8	1300	639	11 45.7	100	838		993			
	PG3 PG4			100000	100000	101	1	The second law	A 8-6-11	10023	100.0	374		- 200	Recognition of the	100 C 20	RC1-27-0	200	1146		100					14	
	PG1					52.2								_				-	354	_	431	473	492	814	847	974	
	PG2					70.6													614						100 / 11	7.50	
2.4	PG3					99.8			750	257		347		542	645				1099		YY	600		95.40	0000	7 -	
	PG4			61.1	69.8	117	127	193	216	297	320	423	574	639	759	994	1057	1261	1318								
- 1	PG1			30.7	35.2	49.4	57.5	77.3	89,3	105	114	145	181	190	226	273	300	322	350	399		461		783		936	
25	PG2			1000000	The second second	66.6	100000	1000	1 1 1 1 1 1 1	100000000000000000000000000000000000000		222							598		741			955	993	1142	11
	PG3					93.8				239		318		498	602				1053					111	1.1	11	
	PG4	2		56.5	65.7	109	121	185	207	276											445	446	470	700	700	010	00
1	PG1					47.7 64.0			10 10 10 10 10	Lance of		138		181					334					762		912 1140	
28	PG2 PG3			(88.7	F J F F S S	100	100000	139		211		278 482				925	559 958	038	/00	(40	700	200	201	140	118
9	PG4	1.0							199			362			100 57 150	10 10 10 11										1.00	





直交轴齿轮箱 Helical Gear Units 类型 B3..,B4.. Types B3..,B4.. 额定功率 Nominal Power Ratings 规格 3...26 Sizes 3...26

										200	定功器		minal	-	_	_	Ger.									_
100	12	1	0	100	-		- 2		- 75	100	144		轮箱			units	_	10	40	00	774	000	200	104	nc.	
N	1/2	na nin	3	9	5	6	1	0	9	10	原定功	12 字 PN	13 , KW	Non	15	16	17	18 s PN i	19 n kW	20	21	22	23	24	25	13
-	1500	48	18	33	55	73	103	128	171	216	302	377	442	548	769	_	_	1206	_	1734	2111	1				Т
.5	1000	32	12.1	22	37	49	69	85	114	144	201	251	295	365		_						1575	1876	2145	2681	13
	750	24	9.0	17	28	36	52	64	85	108	151	188	221		385	435						1181				_
3	1500	42	15.8		48	64	90	112	150	_	264		387		673	761		1055								L
.5	1000	28	11	19	32	43	60	75	100	126	176	_	258	320		507	586					1378				-
-	750 1500	38	7.9	15	24	32 58	45 82	101	75 135	95	132	165	194 350	240 434	_	380 688	796		660	759	_	1034	_	-	1758	P
0	1000	25	9	17	29	38	54	67	89	113		196	230	285		453	524		785			1230		-	2094	10
•	750	18.8	7.1	13	22	29	40	50	67	85	118	148	173	215	301	341	394	472	591	679	827		1102			
F	1500	33	12	23	38	50	71	88	117	149	207			377		598	691					1624				-
5	1000	22	8.3	15	25	33	47	59	78	99	138	173	203	251		399		553	691	795	968	1083	1290	1474	1843	2
	750	16.7	6.3	12	19	25	36	45	59	75	105	131	154	191	268	303	350	420	525	603	734	822		1119		-
	1500	30	11	21	35	46	64	80	107	135	188	236	276	342		543	_				-	1476	_		_	-
0	1000	20	8	14	23	23	43	53	71	90	126	157	184	171	320	-	419	_	628	723	-		1173	_	-	-
-	750 1500	15 27	10.2	10.4	31	41	32 58	72	53 96	122	170	118	138		433	272	314 565	679	471 848	542	1187	738	-	1005	-	40
6	1000	17.9	6.7	12	21	27	38	48	64	81	112	141	185	204	No. of Lot, House, etc., in case of	324		450	562	647	787	_	1050	-		-
71	750	13.4	5.1	9.3	15	20	29	36	48	60	84	105	123	153	_	243	281		421	484	589	659	-		-	_
	1500	24	9	17	28	36	50	64	85	108	151	188	221	274	385	435			754	867	1055	1181			2010	12
3	1000	15.9	6	11	18	24	33	42	57	72	100		147		255	288	333		499	574	699		932			-
_	750	11.9	4.5	8.2	14	18	25	32	42	54	75	93	110	136	191	216	249		374	430		586	698	797	_	-
1	1500	14,1		9.7	16	32	30	56 38	75	95 63	132	165	194	161	336 226	380 255	295		660 443	759 509		694	1231	945		-
7	750	10.6	4	7.3	12	16	22	28	50 38	48	67	83	98	121	170	192	222	266	333	383	466	522	622	710		-
_	1500	_	7	1.0	22	28	40	50	67	_	_		173	-	17.0	-	394	_	_			-	-	_		-
0	1000				14			33			79	98	115	143	200				393	452						
	750	9.4			11	14	20	25	33	42	59	74	87	107	151	170	197	236	295	340	413	463	551	630	787	t
	1500	16,7			19	24	36	44	59	75	105	131	154	191	268	303	350	420	525	603	734	822	979	1119	1399	li
0	1000	11.1	-		13	16	24	29	40	50	70	87	102	127	178	201	232	279	349	401	488	546	651	744	930	1
	750	8.3			9.6	12	18	22	30	37	52	65	76	95	133	150	174	209	261	300	365	408	487	556	695	Į.
200	1500	15	_	-	17.3	23	32	40 27	53 36	68	63	118 79	138	171	160	272	209	251	314	361	660 440	738 492	586 586	670	_	-
00	750	7.5			12 B.6	15	16	20	27	34	47	59	69	86	120	181	157	188	236	271	330	369	440	503	838 628	ŀ
	1500	13.4			15	20	29	36	48	60	84	105	123	153	215	243	281	337	421	484	589	659	786	898	1123	-
12	1000	8.9			10.3	13.5	19	24	32	40	56	70	82	102	143	161	186	224	280	322	391	438	522	596	746	-
	750	6.7			7.7	10	14	18	24	30	42	53	62	76	107	121	140	168	210	242	295	330	393	449	561	I
	1500	12			14	18	26	32	43	54	75	94	111	137	192	217	251	302	377	434	528	591	704	804	1005	-
25	1000	8			9.2	12	17	21	28	36	50	63	74	91	128	145	168	201	251	289	352	394	469	536	670	ľ
-	750 1500	10.7	-		6.9	9.1	13	16	38	48	38 67	84	55 99	122	96	109	126	151	188 336	217	264 471	295 527	352 627	717	503 896	1
40	1000	7.1			8.2	11	15	19	25	32	45	56	65	81	114	129	149	178	223	256	312	349	416	476	595	ľ
10	750	5.4			6.2	8.2	12	14.4	19	24	34	42	50	62	87	98	113	136	170	195	237	266	317	362	452	t
	1500	9.4			11	14.3	20	25	33	42	59	74	87	107	151	170	197	236	295	340	413	463	551	630	787	Ť
60	1000	6.3			7.3	9.6	14	17	22	28	40	49	58	72	101	114	132	158	198	228	277	310	369	422	528	1
	750	4.7			5.4	7.1	10	13	17	21	30	37	43	54	75	85	98	118	148	170	207	231	276	315	394	L
12	1500	8.3		-	9.6	13	18	22	30	37	52	65	76	95	133	150	174	209	261	300	365	408	487	556	695	1
80	1000	5.6			6.5	8.5	12	15	20	25	35	44	52	64	90	101	117	141	176	202	246	276	328	375	469	-
-	750 1500	7.5			8.6	6.4	9.0	20	15	19	26	33 59	39 69	86	120	136	157	106	132 236	152 271	185	369	246	281 503	352 628	ł
00	1000	5			5.8	7.6	11	13.4	18	23	31	39	46	57	80	91	105	126	157	181	220	246	293	335	419	t
	750	3.8			4.4	5.8	8.2	10	14	17	24	30	35	43	61	69	80	95	119	137	167	187	223	255	318	t
13	1500	6.7			7,7	10	14.4	18	24	30	42	53	62	76	107	121	140	168	210	242	295	330	393	449	561	T
24	1000	4.5			5.2	6.8	9.7	12	16	20	28	35	41	51	72	82	94	113	141	163	198	221	264	302	377	1
_	750	3.3			3,8	5.0	7.1	9	12	15	21	26	30	38	53	60	69	83	104	119	145	162	194	221	276	1
50	1500	6	-		6.9	9.1	13	16	21	10	38	47	55	68	96	109	126	151	188	217	264	295	352	402	503	-
50	750	3	-	-	3.5	4.6	6.4	8.0	14	18	19	24	28	46 34	48	72 54	63	75	126	108	132	197	176	268	335 251	-
_	1500				6.2				19		34							136								
30	1000	3.6		1. 1	4.1	5.5	7.7	9.6	13	16		28	33	41	58	65				130				241	302	_
	750	2.7	11.3	-111	3.1	4.1	5.8	7.2	10	12	17	21	25	31	43	49	57	68	85	98	119	133	158	181	226	
	1500	4.8			5.5		10.3	13	17	22	30	38	44	55	77	87	101	121	151	173	211	236	281		402	I
15	1000	3.2		11	3.7	4.9	6.9	8,5	11	14	20	25	29	37	51	58	67	80	101	116			188	214		-
_	750	2.4		-	2.8	3,6	5.2	6.4	8.5		15.1	19	22	27	38	43	50	60	75	87	106		141	161	201	1
56	1500					6.4	-	11.2 7.5		19		33		32		76 51	-	106 70	-	152	-	138		281 188	-	+
55	750			-		3.2		5.6		9.5		16		24		38		53		76	-	103		141		ť
	1500					5.8		10		17		30		43				-	-	,,,,						+
00	1000	V and an artist of			1	3.8		6.7		11.3		20		29			-								1	t
-	750	1.5		1	7	2.9		5.1		8.6		15		22												T





直交轴齿轮箱 Bevel-helical Gear Units 类型 B3..,B4.. Types B3..,B4..

热容量 Thermal Capacities 规格 3...26 Sizes 3...26

	117							- 19				轮箱规	-	Gear (in kV									
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
iN		The				-									2 30.30				盘管; Pgs:co						coil.
	PG1	28.2	32.0	45.2	53.4	69.7	83,1	95.6	106	131	163	172	205	250	276	301	328	370	403	423	458	742	772	888	932
31.5	PG2	31.7	41.2	60.5	71.0	93.6	111	132	146	199	245	263	311	378	418	499	545	618	673	688	748	927	965	1110	1165
٥	1.0	Section 1	10000	4-0	- m	138	1365 2	4.4.4	240	1500	45.00	428	32721	675	130 m	846						41	41	Πh	
-		_	-	_	_	160	-	_		337	-	508	-	_	_	1014	_	_	200	100	100	700	are	200	244
J)†	NC 55001	144400	1.00		27,350	66.2 88.4	10000	1.0450	138	126	155	166 252	1221	363	259 388	291 480	311 509	Section 1	383	409 660	433 695	726	755 921	1050	911
35.5	0.6223		Carried .	10000	2000	128	200	0000	224	261	367	407	Same of	642	10000	805	847	580	650	550	085	000	361	1039	
: 11	10.00	P V 50	100	10000	17.75	148	1000	0.53	257	1200	3,000	483	1475.1	746	12/201	966	1017					1	- 1	14	
	_	-	_	_	_	57.9	_	_	_	_	-	156	_	228	250	278	301	343	373	388	419	703	731	841	883
40	PG2	26.2	33.5	48.8	64.5	76.7	99.4	116	132	178	218	237	279	341	373	453	489	560	607	618	667	844	877	1009	1060
40	PG3	38.9	38.4	63.0	85.3	106	143	172	210	239	340	375	445	592	649	749	805								
	_				_	123		-	-	293	403	446	-	690	755	900	968								
14.0	14-71-		-	200	10000	56.2	100000	4.000	1400	43.53	141	144	William !	211	236	258	287	321	355	359	396	665	692	796	836
45	Action (100000	100	1200	7.793	74.0		10.00	124	163	209	216	- 4	313	351	418 679	463	519	570	569	624	7.78	810	931	978
- 1	100			200	-	102	1000	I Same	192	215	321	398	1	533	599 698	816	753 903								
-		-	-	-		55.4		-	-		133	146		-	218	268	_	317	331	386	367	611	635	730	767
100	1000		August 1	1.0000	Laboratory,	72.6	Detroit Out	345.64	No. of the last	1000	10.00	10000	466	1000	(III) - CHE	424	W	V 44.2	100	Dec. F	574			12232-1	874
50	1			4 100		98.6	1000	1 244	174	210	295	333	389	535	539	686	684	1		117		40	1	44	111
41	PG4	38.7	43.8	69.5	76.6	114	127	173	201	256	350	397	462	620	629	820	821								
	PG1	20.3	23.9	33.0	39.0	51.4	60.6	70.7	78.9	99.1	122	134	155	198	223	247	276	305	326	365	393	599	623	717	753
56	120		200		355	67.4	200	5.00	100	145	179	197	228	287	323	388	432	478	506	560	601	683	710	817	858
-3	100000		10000	2000	1000	89.4	112000	187.40	157	186	264	298	346	479	541	617	688						11	11/	
-			1 100,000	62.9		49.7	122	-	_	228	315	354 129	157	555 189	628 204	738	823 254	295	314	353	371	567	590	679	713
	7.00	35.00	1 A 17.	41.6	16.10	- 1020		91.9	13.77	139	175	189	229	273	294	370	395	460	486	540	563	635	661	760	798
63	(34.6)	10000	60000	100	150,000	84.8	1000	A. 53 C. 1	150	175	256	280	345	449	482	581	620	100	100	0.0	000	000	001	,,,,	-
	1	200	0.00	5000	2000	99.0	1000	1000	1		220	334	409	521	561	698	740								
	PG1	18.6	21.3	30.2	35.7	47.3	55.5	63.9	71.7	88.4	111	121	144	180	195	224	244	279	304	333	360	547	569	654	687
71	PG2	20.0	27.0	39.5	46.2	62	71.8	86.0	95.6	129	159	177	208	258	281	347	377	431	468	505	544	602	626	719	756
300	Low local	100	Jan. 300	W-15-Y	Marine Co.	78.4	1200	10000	135	157	227	253	309	413	454	537	585			1.1		12		idal	
	1000	29.8	34.3			92.1	-		156		271	303	366	482	528	644	701	205	007	200	200	500	500	070	200
33.5	PG1 PG2			32.5	1200	48.2	69.4	68.2	2.75	103	106	138	138	185	186	208	231	285	287 438	399	339	560	538	670	850
80	PG3				44.5 52.3		88.0		92.3		153		200		266 417		353 538		436		509		592		715
22	PG4				61.8		103		148		255		346		487		647					4.3	Ш.		Ш
	PG1			31,8	_	46.7	51.0	66.7	64.9	99.9	98.7	135	129	177	190	199	214	273	292	386	404	554	576	662	695
90	PG2			22.00	42.3		66.0		86.5		142		187							1	1		194	0.4	
90	PG3				48.5		81.5		115		190		262												
	PG4				57.6		95.4		135		230		314	-									_		
100	PG1			30,3	_	44.2		-		-	-	-	-	167	182	187	205	258	280	363	391	549	571	657	690
112	PG1				-	42.5	-		-		111	122	144	159	172	179	193	_	264	352	367	497	517	595	625
140	PG1			_		40.6	_	-			_	117		146	164	170	184	-	240	320	335	467	517 486		587
160	PG1			_	_	35.2	_		_	_		-		138	150	155	_	-	231	302	323	453	471	-	569
180	PG1					34.3			_		_			_	142	146		199	218	282	306	433	450		544
200	PG1					34.0	_	_			_	_		128	134	144	151	198	204	273	286	401	417	_	504
224	PG1			_		31.7	_		_	67.6		_		120	132	134	148		204	255	277	400	416	478	502
250	PG1				_	30.6	36.5	43.1	48.4	65.4	79.7	87.9	103	116	123	130	139	180	191	247	259	371	386	444	466
280	PG1			-		28.7			-	62.5		-	_	108	119	122	134	169	184	236	250	354	368	423	444
315	PG1			18.8	22.6	_	-	38.6	-	58.4	72.4	79.2	-	102	112	115	126	160	174	220	239	333	346	398	418
355	PG1				21.6		30.8		41.7 39.3		69.1		88.5 84.3		105		119		164		223		317		383





平行轴齿轮箱 Helical Gear Units 类型 H1...H2.., H3..,H4.. 额定输出扭矩 Nominal Output Torques

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

规格 1..26 Sizes1...26

										10.11	齿轮	箱规格	Ge	ar unit	sizes										
iN	1	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		_	_	_			_	-	E輸出	扭矩	[2N ()	(Nm)	Nor	ninal.	outpu	t torq	ues T	2N	_	_	_			_	_
1.25	0.79	2.6		7		13.3		21.5							11										
1.4	0.83	_		7.2		13.9		22.3		-					1111							-		-	
1.6	0.87	2.9		7.5		14.2		23.6		40		63													-
1.8	0.91	2.4		7.7		15.2		24.4		41.4		66.3		2241											_
2	0.93	2.5		8.2		15.5		25		42.7		68.2	1	121	: 45	1111	2								
2.24	0,96	-		8.4		15.5		25	_	44		70.3	-	122	- 37	-	8	-		_	-	_			-
2.5	1	2.6		8.4		15.5	_	25		44	-	72	- 1	110	3	294	2	-				-			-
2.8	1	2.7		8.4		14.9	_	23.7	-	44	-	72	- 4	113	#	171	-					-	_		-
3.15	1	2.7		8.4		15.2		24.5		41.9		68.4		116		173		-	-			-			-
3.55	1	2.8		8.3		15.5	-	24.9		43.7	-	69.6		118		173		045				-	-		-
4	0.00	2.8	-	8.4		15.5	_	25		44		70.8		122	-	173	-	245				-			-
4.5	0.82	2.2		6.7	-	13.8	_	21.4		40		57.6		102	-	146		174	-			-	-		
5	0.78	2.1		6.3		12		20.5		33.7		54.5		88.8		124	-	-					-		
6.3	0,62	3.5	6.3	10.5		11.4		17.5		31.8 55.5		51.8 86		143	-	118		150				-			
7.1		3.5	6.3	10.5		19	-	31.5		55.5		86	-	143	160	195	230	292	335	410	-	-	_		H
8	-	3.5	6.3	10.5	13.5	19	24	31.5	39.5		69	86	107	143	160	195	230	292	335	410	458	-			\vdash
9		3.5	6.3	10.5	13.5	19	24	31.5	39.5		69	86	107	143	160	195	230	292	335	410	458	540			
10		3.5	6.3	10.5	13.5	19	24	31.5	39,5	55.5	69	36	107	143	160	195	230	292	335	410	458	540	620		H
11.2	-	3.5	6.3	_	13,5			31.5				86	107					292			458			780	-
12.5		3.5	6.3	10.5	13.5	19	24	31.5	39.5	55.5	69	86	107	143	160	195	230	292	335	410	458	540	620	780	88
14		3.5	6.3	10.5	13.5	19	24	31.5	39.5	55.5	69	86	107	143	160	195	230	292	335	410	458	540	620	780	88
16	-	3.5	6.3	10.5	13.5	19	24	31.5	39.5	55.5	69	86	107	143	160	195	230	292	335	410	458	540	620	780	88
18		3.5	6.3	10.5	13.5	19	24	31.5	39.5	55.5	69	86	107	143	160	195	230	292	335	410	458	540	620	780	88
20		3.5	6.3	10.5	13.5	19	24	31.5	39.5	55.5	69	86	107	143	160	195	230	292	335	410	458	540	620	780	88
22.4		3.5	6.2	10.2	13.5	18.6	24	31	39.5	54.5	69	88	107	153	160	200	230	300	335	420	458	560	620	800	88
25		0.0	9.14	11	13.5	20.5	24	34	39.5	60	69	88	107	153	173	200	240	300	345	420	470	560	640	800	90
28	\vdash	-		11	13	20.5	23.5	34	38.9	60	67.8	88	109	153	173	200	240	300	345	420	470	560	640	800	90
31.5				11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	90
35.5				11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	90
40				11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	90
45				11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	90
50				11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	90
56				11	14.5	20.5		34	43	60	75	88	109	153	173	200	240	300	345	420	470	580	640	800	90
63	\vdash			11	14.5	20.5		34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	90
71				11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	90
80				11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	90
90				11	14.5	20	25.5	33.5	43	60	75	88	109	153	173	200	240	290	345	410	470	560	640	800	90
100					14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	226	300	335	420	465	560	640	800	90
112					14.1	20.5	25.2	34	42	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	90
125						20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	90
140						20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	90
160						20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	90
180							25.5	34	43	60	75	88	109	-	173	_	240	300	-	420	-	560	_	800	90
200							25.5		43	60	75	88	109	153	173		240	300	345	_	470	560	640	800	90
224							25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	90
250		=					25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	90
280							25.5		43	60	75	88	109	153	173	-	240	300	345	420	470	560	640	800	90
315							25.5		43	60	75	88	109	153	173	200		300	345	-	470	560	640	800	90
355				- 1			25.5	33	43	59	75	88	109	140	173	192	240	290	345	-	470	560	640	800	90
400							25.5	-	43		75		109	=	158	I I	223	1	335		465		640		90
450							24.8		41.6		74		109												





直交轴齿轮箱 Bevel-helical Gear Units

额定输出扭矩 Nominal Output Torques

类型 B2..,B3..,B4.. Types B2..,B3..,B4..

规格 1..26 Sizes1...26

					-10	动比	114 ,100	/C 191	изим	121		轮箱易		Gear			ai vu	tput to	nque	Q I ZN						=
iN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		70.7	2 5	100			222		200	出扭	矩 TaN	(KN		Nomir		tput to	rque	s Tan								_
5	1.15	2	3.1	5.8	9.4		17.8		28		43		66		122					_						
5,6	1.15	2	3.1	5.8	9.4		17.8	100	28		45		67		122	135	195	11								
6,3	1,15	2	3.1	5.8	9.4	12	17.8	22.3	28	35.6	47	56	71	82	130	141	195	[11]								
7.1	1.15	2	3.1	5.8	9.4	12	17.8	22.3	28	35.6	49	57	73	84	132	145	195	230								
8	1.15	2	3.1	5.8	9.4	12	17.8	22.3	28	35.6	50.5	59	77	88	132	148	195	230					Щ		Щ	
9	1.15	2	3.1	5.8	9.4	12	17.8	22.3	28	35.6	50.5	61	78	91	132	148	195	230				201				
10	1,15	2	3.1	5.8	9.4	12	17.8	22.3	28	35.6	50.5	62	78	95	132	148	195	230								
11.2	1,15	2	3.1	5.8	9.4	12	17.8	22.3	28	35.6	50.5	62	78	97.5	132	148	195	230								
12.5	1.15	2	3.1	5.5	9.4	12	17.0	22.3	28	35.6	50.5	62	78	97.5	132	148	195	230	250	1.5	340					
14	1.15	2	3.1	6	9.8	12	18.2	22,3	29,5	35.6	53	62	80	97.5	137	148	195	230	262	295	360	405				
16	1.1	1,95	3.1	6.2	10.2	12	19.1	21.5	31	35.6	56	62	83	97.5	142	154	200	230	275	308	380	422				
18	1.03	1,8	3	6.4	10.6	12.6	19.8	23.1	32,5	37.5	58	65	85	100	148	160	200	240	288	320	400	438			M	
20			3.6	6.6	11	13,2	20.5	23.9	34	39.3	60	68	88	103	153	167	200	240	300	332	420	455	560		800	
22.4	134		3.6	6.6	11	13.8	20.5	24.8	34	41	60	72	88	106	153	173	200	240	300	345	420	470	560	640	800	900
25			3.6	6.6	11	14.5	20.5	25,5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
28			3.6	6.6	11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
31.5	, []		3.6	6.6	11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
35.5			3.6	6.6	11	14.5	20.5	25,5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
40			3.6	6.6	11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
45			3.6	6.6	11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
50			3.6	6.6	11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
56			3.6	6.6	11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
63			3.6	6.6	11	14.5	20	25,5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
71			3.6	6.6	11	14.5	20.	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
80					11	14	20.5	25.2	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
90			7		11	14	20.5	25.2	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
100					11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
112	TI.		F		11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
125			T		11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
140					11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
160					11	14.5	20,5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
180			10		11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
200					11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
224					11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
250					11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
280					11	14.5	20.5	25,5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
315					11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
355						14.5	9-03	25.5	1	43		75		109		173		240		345		470		640		900
400						14.5		25.5		43		75		109						-						177

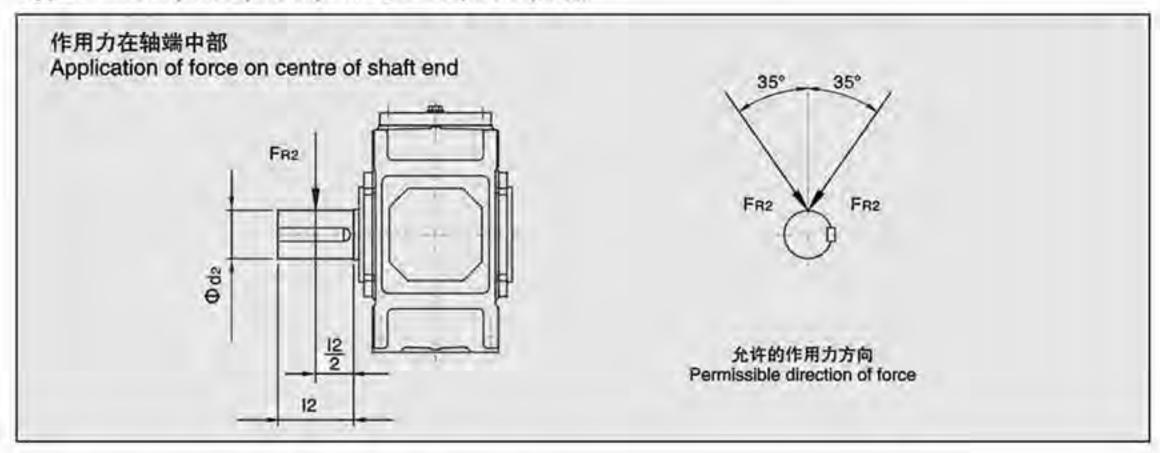




齿轮箱 Gear Units

输出轴 d2 上允许的附加径向力1) Permissible Additional Radial Forces on Output Shaft d2 1) 类型 H1SH., H2S., H3S., H4S., B2S., B3S., B4S

Types H1SH., H2S., H3S., H4S., B2S., B3S., B4S



允许的附加径向力 FR2 (kN), 作用于输出轴端中部3)

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

类型	布置形式						齿	伦箱规	各1)。	() G	earunit	size1)	. 4)						
Туре	Design	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
H1SH	A/B	2)	181	2)	-	2)	-	2)	-	2)	=	2)	-	2)	-	2)		2)	
LINE	A/B/G/H	-		8	10	22	22	30	30	30	45	64	64	150	150	140	205	205	205
H2S.	C/D	-	131	8	10	13	13	18	18	10	28	35	35	112	112	85	135	135	135
H3S.	A/B/G/H	-	3.3	-	-	29	29	40	40	40	60	85	85	190	190	185	265	265	265
1100.	C/D	~	100	9		18	18	26	26	18	40	50	50	150	150	120	185	185	190
H4S.	A/B	2	-	-	~	-	-	26	26	18	40	50	50	150	150	120	185	185	190
140.	C/D	-	-	-	+	-	-	40	40	40	60	85	85	190	190	185	265	265	265
B2S.	A/C	7	10	10	13	27	27	37	37	38	55	78	78	160	160	150	210	210	210
D23.	B/D	4	7	9	12	15	15	17	17	10	30	38	38	110	110	75	145	100	100
pae	A/C	-	100	9	14	29	29	40	40	40	60	85	85	190	190	185	265	265	265
B3S.	B/D	X	187	7	9	18	18	26	26	18	40	50	50	150	150	120	185	185	190
DAG	A/C	747		-		29	29	40	40	40	60	85	85	190	190	185	265	265	265
B4S.	B/D	3	100	1387	-	18	18	26	26	18	40	50	50	150	150	120	185	185	190

- 1) 表中数据为最小值。如果给定了力的作用角和旋转方向,通常情况下,可允许承受较大的附加力。请与我们取得联系。
 Values in tables are minimum values. If the angle of application of force and the direction of rotation are given, signif icantly higher additional forces can mostly be allowed. Please consult us.
- 2) 根据用户要求供货。 On request.
- 3) 当作用力不在轴端中部时,请参见第 26 页。 For aplication of force outside the center of the shaft end,see page 26
- 4) 基础螺栓的最低性能等级为 8.8 级。 基础必须干燥,不得有油脂。如用户要求,允许输入轴 d1 上附加径向力。
 Use foundation bolts of min.Property class8.8. Foundation must be dry and grease-free, Permissible additional radial forces on input shaft d1 on request.

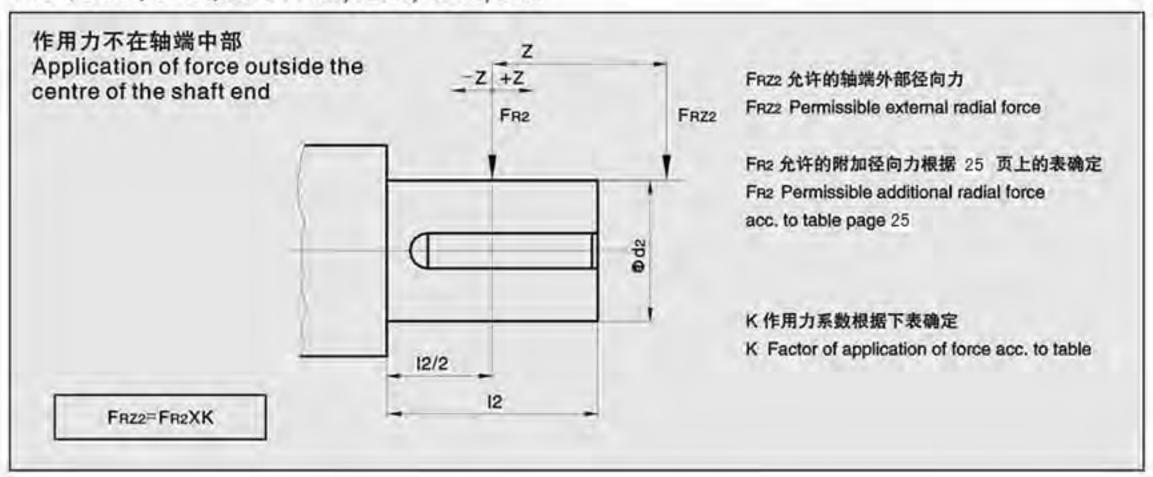




齿轮箱 Gear Units

输出轴 d2 上允许的附加径向力 Permissible Additional Radial Forces on Output Shaft d2 类型 H1SH., H2S., H3S., Types H1SH, H2S., H3S.,

H4S., B2S., B3S., B4S H4S., B2S., B3S., B4S



					IF/G	THE IN	1 actor 0	applicati	on of forc	011					
规格						題	高 Z (mr	n) Dista	nce Z in n	nm					
Size	-200	-150	-100	-75	-50	-25	0	25	50	75	100	150	200	250	300
1						1.11	1.00	0.81	0.68	0.58	0.51				
2						1.11	1.00	0.83	0.71	0.63	0.56				
3					1.21	1.09	1.00	0.85	0.74	0.65	0.58	0.48			
4					1.17	1.08	1.00	0.86	0.76	0.68	0.62	0.52	0.44		
5+6				1.22	1.14	1.06	1.00	0.88	0.79	0.72	0.66	0.56	0,49	0.43	
7+8				1.19	1.12	1.06	1.00	0.89	0.81	0.74	0.68	0.58	0.51	0.46	0.41
9+10			1.22	1.15	1.10	1.05	1.00	0.90	0.82	0.76	0.70	0.61	0.54	0.48	0.44
11+12			1.18	1.13	1.08	1.04	1.00	0.91	0.84	0.78	0.73	0.64	0.57	0.51	0.47
13+14		1.24	1.15	1.11	1.07	1.03	1.00	0.92	0.86	0.80	0.75	0.67	0.60	0.55	0.50
15+16		1.20	1.12	1.09	1.06	1.03	1.00	0.93	0.87	0.82	0.77	0.69	0.63	0.58	0.53
17+18	1.25	1.17	1.11	1.08	1.05	1.03	1.00	0.94	0.88	0.84	0.79	0.72	0.66	0.60	0.56

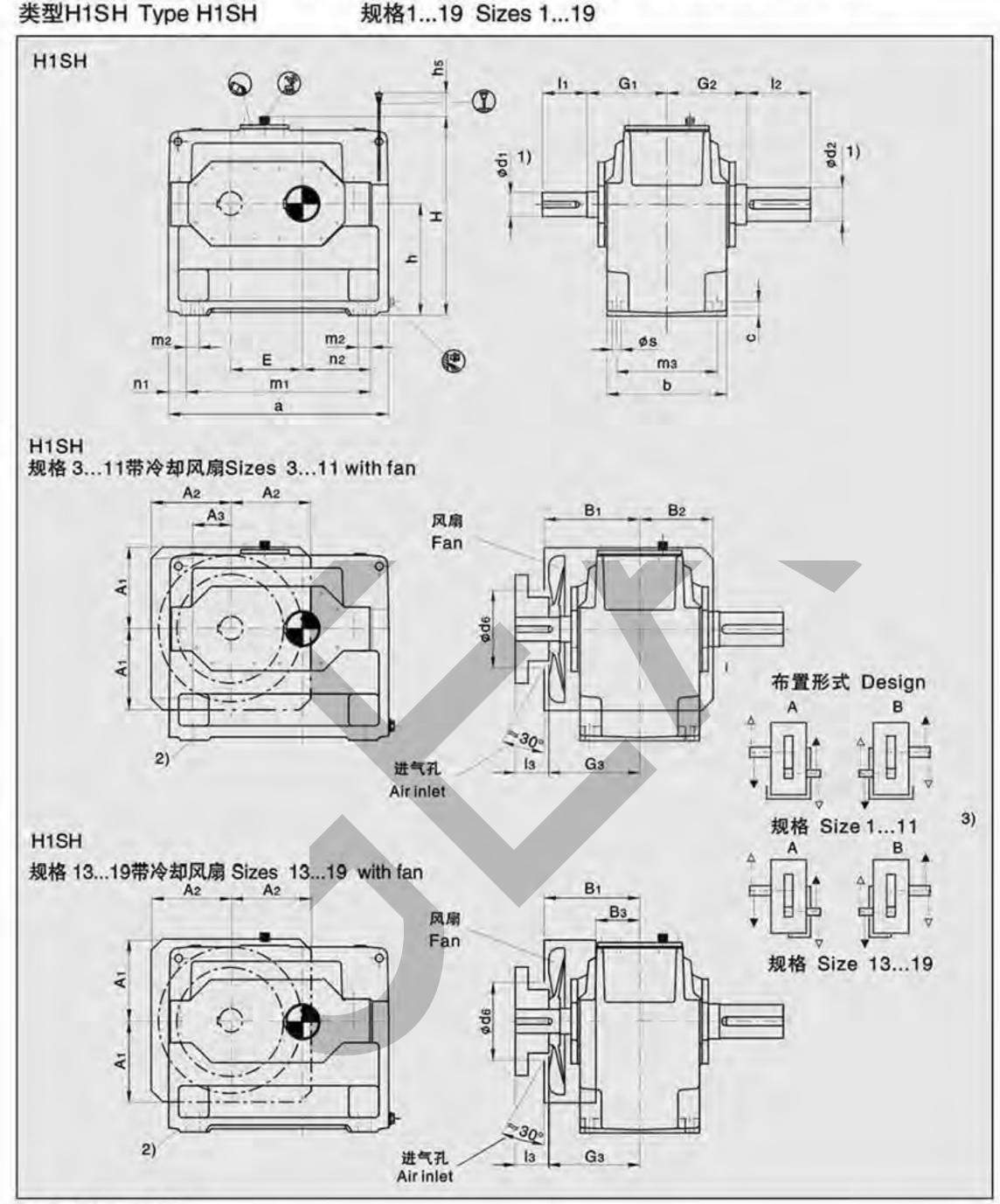




平行轴齿轮箱 Helical Gear Units

单级传动 Single Stage

卧式安装 Horizontal



1) k₆ ≤ Ф50 m₆ > Ф50

有关平键 GB/T1095-1979 型和中心孔,参见第 87-88 页。 For parallel key GB/T1095-1979 and for centre hole, see page 87-88.

- 2) 在安装基础螺栓前,应拆下风扇罩。Remove air guide cover before fitting the foundation bolts.
- 3) 规格1号不带风扇。Sizes 1 without fan.





平行轴齿轮箱 Helical Gear Units 类型 H1SH Type H1SH

单级传动 Single Stage 规格 1...19 Sizes 1...19

卧式安装 Horizontal

							F	5 dww	Dimensi	ons in m	m						
规格				,				输	入轴 Ing	out							
Size	in	=1,25-2	.8	ln=	1.6-2.8			in=2-2.	3	i	N=3.15-	4	in	=4.5-5	.6		
	di ¹)	L ti	13	di')	h	la	di ¹⁾	h	la	d11)	Th.	la	di1)	le .	la	G ₁	G ₃
1	40	70	10		1524			1-4		30	50		24	40		110	
3	60	125	105							45	100	80	32	80	60	170	190
5	85	160	130					-		60	135	105	50	110	80	210	240
7	100	200	165							75	140	105	60	140	105	250	285
9	110	200	165							90	165	130	75	140	105	280	315
11				130	240	205		14.1		110	205	170	90	170	135	325	360
13				150	245	200				130	245	200	100	210	165	365	410
15							180	290	240	150	250	200	125	250	200	360	410
17							200	330	280	170	290	240	140	250	200	400	450
19	100						220	340	290	190	340	290	160	300	250	440	490

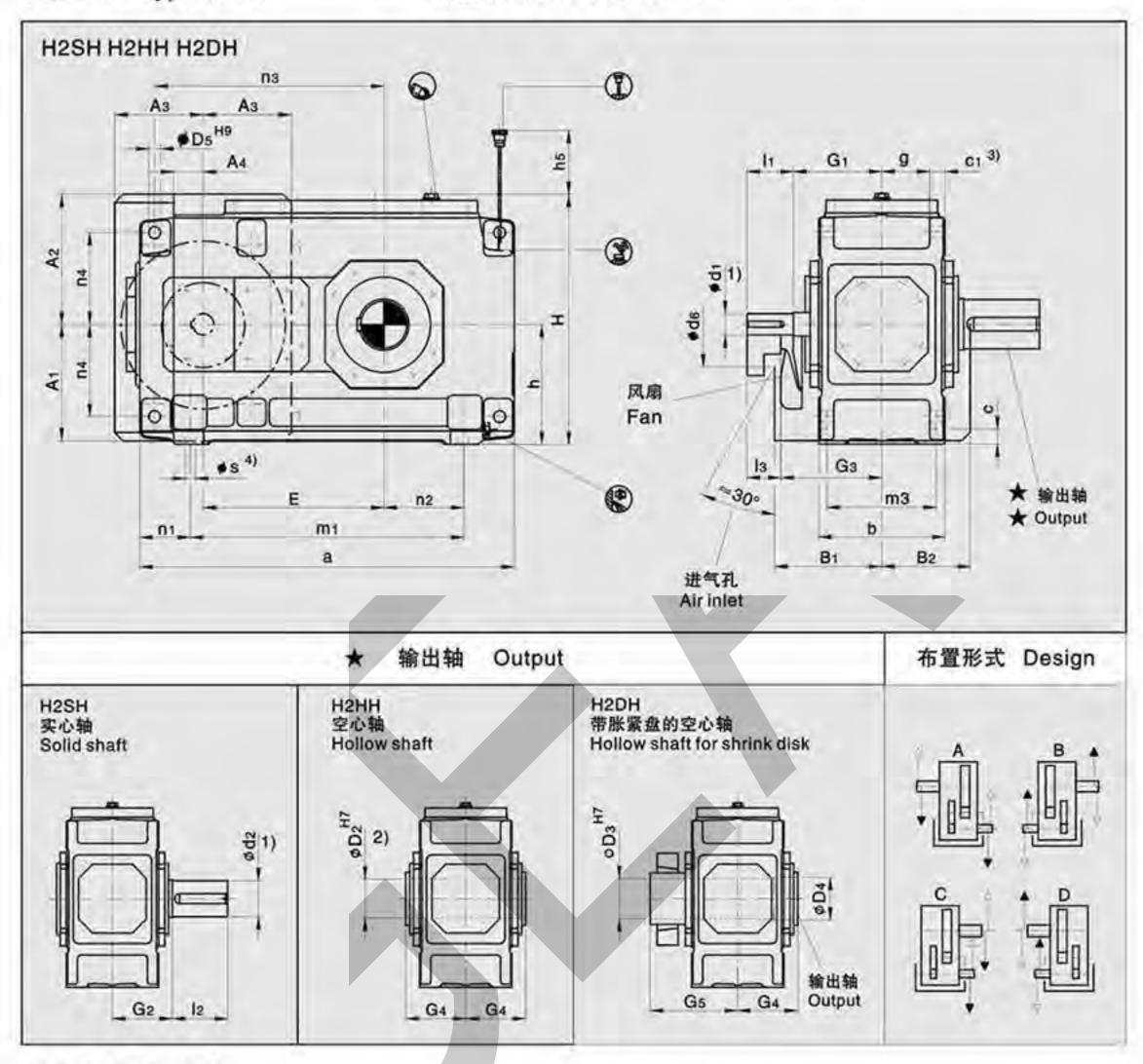
									尺寸m	m Dim	ensions	s in mm								
规格 Size									齿	轮箱 (Bear ur	nits								
O.L.	а	Aı	Az	Аз	b	Bt	Ba	Вз	C	de	E	h	hs.	Н	mı	m ₂	ma	nı	nz	s
1	295	~	2	181	150	ė	6	3	18	14	90	140	55	275	220	$\overline{\mathbf{y}}$	120	37.5	80	12
3	420	150	145	80	200	205	130	~	28	130	130	200	85	375	310	(a)	160	55	110	19
5	580	225	215	115	285	255	185	ж	35	190	185	290	100	525	440	(e)	240	70	160	24
7	690	255	250	120	375	300	230	(4)	45	245	225	350	75	625	540	80	315	75	195	28
9	805	300	265	140	425	330	265	F	50	280	265	420	50	735	625	9	350	90	225	35
11	960	360	330	190	515	375	320	-	60	350	320	500	40	875	770	-3	440	95	280	35
13	1100	415	350	16-4	580	430	7	150	70	350	370	580	40	1020	870	-	490	115	315	42
15	1295	500	430	-	545	430	×	120	80	450	442	600	10	1115	1025		450	135	370	48
17	1410	550	430	2	615	470	4	150	80	445	490	670	-	1235	1170	130	530	120	425	42
19	1590	630	475	-	690	510	PA	190	90	445	555	760	-	1395	1290	150	590	150	465	48

		尺寸mm Dimensions in mm		润滑油 Oil	10 M
规格 Size		输出轴 Output		轴封 Shaft seal	重量 Weight (kg)
	d2 1)	G ₂	l ₂	(1)	
1	45	110	80	2,5	55
3	60	170	125	7	128
5	85	210	160	22	302
7	105	250	200	42	547
9	125	270	210	68	862
11	150	320	240	120	1515
13	180	360	310	175	2395
15	220	360	350	190	3200
17	240	400	400	270	4250
19	270	440	450	390	5800





平行轴齿轮箱 Helical Gear Units 类型 2.H Type H2.H 两级传动 Two stage 规格 3...12 Sizes 3...12 卧式安装 Horizontal



- 1) k₆ ≤ Φ 50 m₆> Φ 50
 - 有关平键 GB/T1095-1979 型和中心孔,参见第 87-88 页。 For parallel key GB/T1095-1979 and for centre hole, see page 87-88 .
- 2) 键槽 GB/T1095-1979。 Keyway GB/T1095-1979.
- 3) 扭力支撑位于工作机侧。 Torque support on driven machine side.
- 4) 在安装螺栓前,应先拆下风扇罩。 Remove air guide cover before fitting the foundation bolts.





平行轴齿轮箱 Helical Gear Units 类型 H2.H Type H2.H

两级传动 Two stage 规格 3...12 Sizes 3...12 卧式安装 Horizontal

	-					尺寸「	nm Din	nensions	in mm					
规格						7.3	輸入轴	Input						
Size		N=6.3-11.2	2		N=8-14		IN	=12.5-22.	4		N=16-28			0
	di 1)	li	la la	d: 1)	Th .	13	di II	li .	la	d ₁ 1)	lı	la	G ₁	G ₃
3	35	60		1	VI III T		28	50					135	
4	45	100	80				32	80	60				170	190
5	50	100	80		Ò		38	80	60				195	215
6				50	100	80				38	80	60	195	215
7	60	135	105				50	110	80	,			210	240
8				60	135	105		1	12.74	50	110	80	210	240
9	75	140	110		+25-11		60	140	110				240	270
10				75	140	110				60	140	110	240	270
11	90	165	130	1-7			70	140	105			1530	275	310
12				90	165	130		-		70	140	105	275	310

1000					尺寸	mm D	Dimension	s in mm				
规格 Size						齿轮箱	Gearu	nits				
3126	а	Aı	A2	As	A4	b	Bı	B ₂	С	Ci	D ₅	de
3	450	-	>	3-9	105	190	- 3	- 1	22	24 ± 1	18	- 1-9
4	565	195	225	150	30	215	205	158	28	30 ± 1	24	136
5	640	225	260	175	55	255	230	177.5	28	30 ± 1	24	150
6	720	225	260	175	55	255	230	177.5	28	30 ± 1	24	150
7	785	272	305	210	70	300	255	210	35	36 ± 1	28	200
8	890	272	305	210	70	300	255	210	35	36 ± 1	28	200
9	925	312	355	240	100	370	285	245	40	45 ± 1.5	36	200
10	1025	312	355	240	100	370	285	245	40	45 ± 1.5	36	200
11	1105	372	420	285	135	430	325	285	50	54 ± 1.5	40	210
12	1260	372	420	285	135	430	325	285	50	54 ± 1.5	40	210

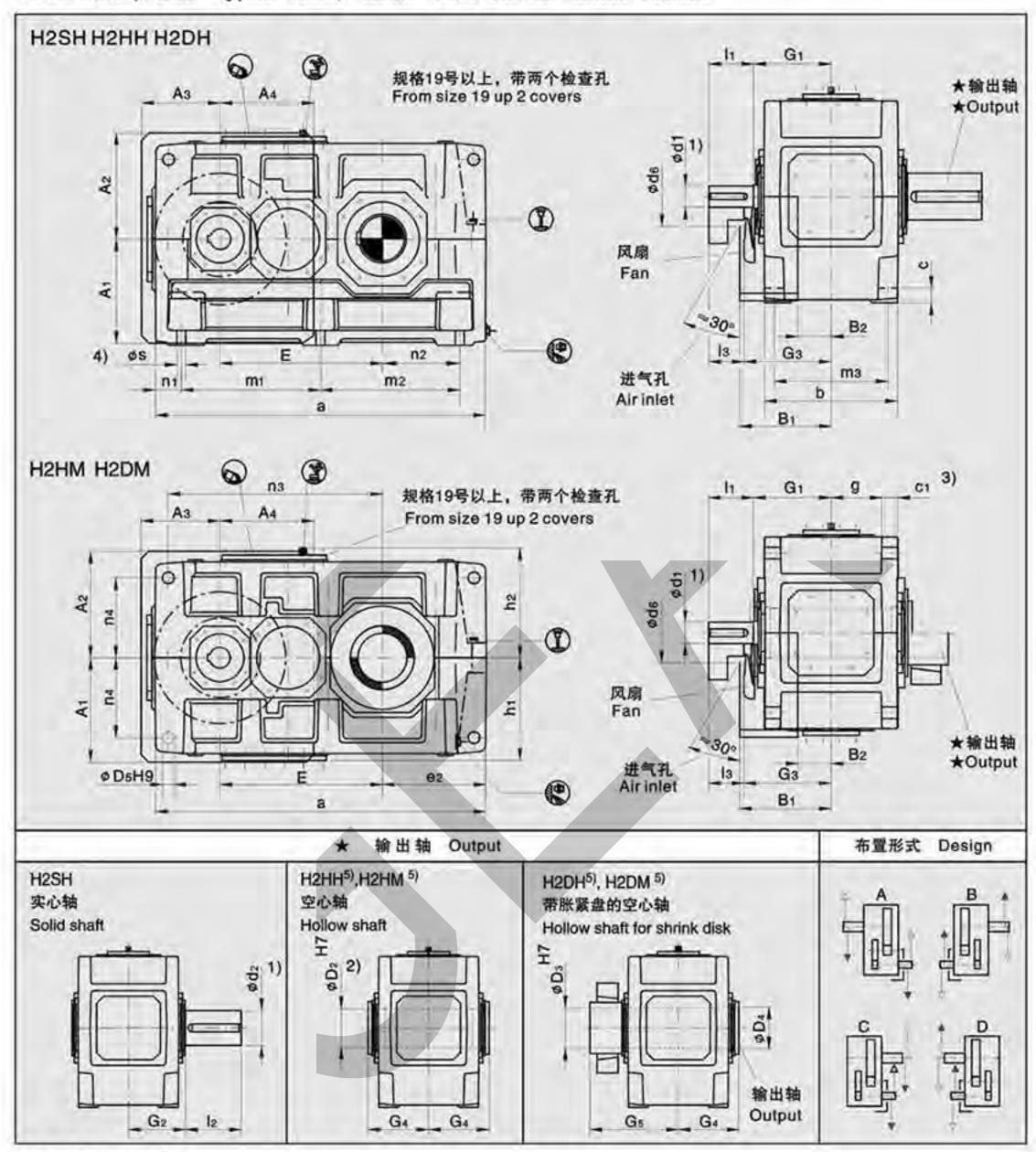
1000					尺寸	tmm Dim	ensions in	mm				
規格 Size						齿轮箱(Gear units					
5126	E	g	h	hs	Н	m1	m ₃	nı-	nz	ns ns	D4	S
3	220	71	175	110	360	290	160	80	65	285	132.5	15
4	270	77.5	200	110	415	355	180	105	85	345	150	19
5	315	97.5	230	150	482	430	220	105	100	405	180	19
6	350	97.5	230	150	482	510	220	105	145	440	180	19
7	385	114	280	190	572	545	260	120	130	500	215	24
8	430	114	280	190	582	650	260	120	190	545	215	24
9	450	140	320	205	662	635	320	145	155	585	245	28
10	500	140	320	215	662	735	320	145	205	635	245	28
11	545	161	380	250	782	775	370	165	180	710	300	35
12	615	161	380	250	790	930	370	165	265	780	300	35

			尺	寸mm	Dimen	sions in m	m			润滑油 Oil	重量
规格				輸出報	a C	utput				轴封	Weight
Size		H2SH		H2	HH		H2	DH		Shaft seal	
	d2 1)	G ₂	la	D2 2)	G4	Da	D4	G4	G ₅	(1)	(kg)
3	65	125	140	65	125	70	70	125	180	6	115
4	80	140	170	80	140	85	85	140	205	10	190
5	100	165	210	95	165	100	100	165	240	15	300
6	110	165	210	105	165	110	110	165	240	16	355
7	120	195	210	115	195	120	120	195	280	27	505
8	130	195	250	125	195	130	130	195	285	30	590
9	140	235	250	135	235	140	145	235	330	42	830
10	160	235	300	150	235	150	155	235	350	45	960
11	170	270	300	165	270	165	170	270	400	71	1335
12	180	270	300	180	270	180	185	270	405	76	1615





平行轴齿轮箱 Helical Gear Units 两级传动 Two stage 卧式安装 Horizontal 类型 H2.H, H2.M Types H2.H, H2.M 规格 13...22 Sizes 13...22



- k₆ ≤ Φ 50 m₆> Φ 50
 - 有关平键 GB/T1095-1979 型和中心孔,参见第 87-88 页。 For parallel key GB/T1095-1979 and for center hole ,see page 87-88 .
- 2) 銀槽 GB/T1095-1979。 Keyway GB/T1095-1979.
- 3) 扭力支撑位于工作机侧。 Torque support on driver machine side.
- 4) 在安装基础螺栓前,应拆下风扇罩。 Remove air guide cover before fitting the foundation bolts.
- 5) 规格 13 和 15 号: 速比只有 in=6.3-18; 规格 17 和 19 号: 速比只有 in=6.3-16。 Sizes 13 and 15 :only in=6.3-18; Sizes 17 and 19:only in=6.3-16.





平行轴齿轮箱 Helical Gear Units 两级传动 Two Stage 卧式安装 Horizontal

类型 H2.H, H2.M Type H2.H, H2.M

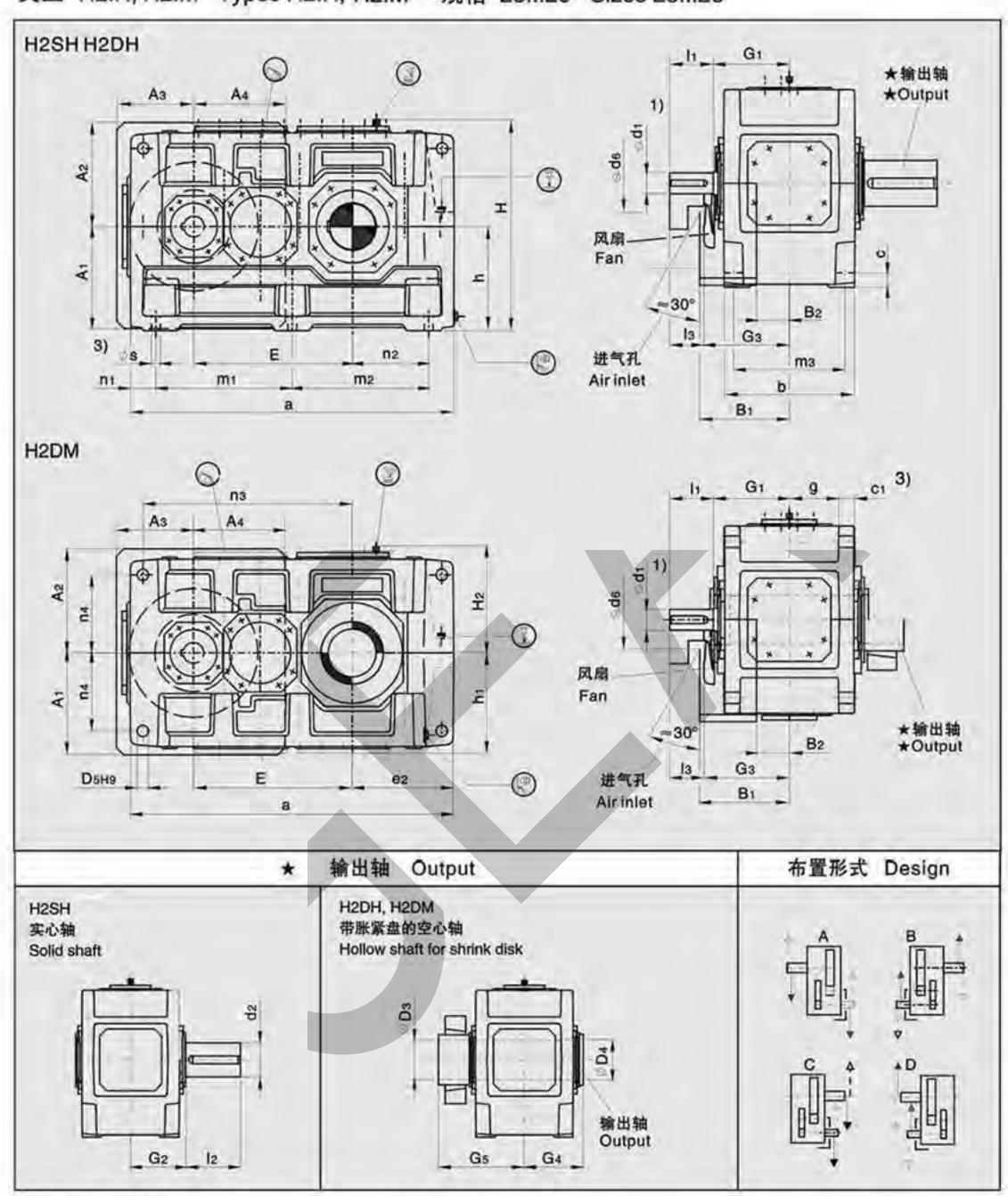
规格 13...22 Sizes 13...22

15146	尺寸mm Dimension in mm																			
规格				_			輸入轴 Input												_	
Size	liv:	=6.3-1	1.2	ÍN	=7.1-1	2.5	3	in=8-1	1	h	=12.5-	20	In	=14-22	2.4) 1	N=16-2	5	Gi	G
	d(1)	ls	la	di ti	li-	la	d: 0	In:	la	d: 1)	k	la	di ti	N	b	di 1)	Je	la	Gi	
13	100	205	170				1			85	170	135	1						330	36
14		1 1111					100	205	170		A				1 1	85	170	135	330	36
15	120	210	165							100	210	165							365	4
16	11			120	210	165							100	210	165				365	4
17	125	245	200							110	210	165							420	4
18				125	245	200							110	210	165				420	40
19	150	245	200		-					120	210	165							475	5
20				150	245	200					-		120	210	165				475	5
21	170	290	240					-		140	250	200			1000				495	5
22				170	290	240							140	250	200				495	5
laws I									尺寸mr	n Din	ension	in mn	1							
规格											3ear ur									
Size	а	1	A ₁	Az	A		As	b		31	B ₂		0	Ct		de	D ₅	e	, [E
40		-	-	-	-		-		-	-	-	-		-	-		_	-	-	_
13	1290	_	130	460		30	365	550	_	85	135	-	0	61 ±		50	48	40		63
14	1430	-	130	460	-	30	365	550	-	85	135	_	0	61 ±		50	48	47	_	705
15	1550) 4	190	500	37	70	440	625	4	30	155	7	0	72 ±	2 2	280	55	48	5	762
16	1640) (190	500	37	70	440	625	4	30	155	7	0	72 ±	2 2	280	55	53	0	808
17	1740		540	565	43	35	505	690	4	85	140	8	10	81 ±	2 2	089	55	52	5	860
18	1860		540	565	43	35	505	690	4	85	140	8	0	81 ±	2 2	80	55	58	5	920
19	2010) (300	600	50	00	450 79		5	40	190	9	10	91 ± 2		310	65	59	0	99
20	2130		300	600	4	00	450	790	_	40	190		0	91 ±		10	65	65		105
21	2140		80	680	-	00	610	830	-	65	200			100 ±		50	75	65	-	106
	-	_			-							-		_				-	_	
22	2250	,	680	680	1 3/	00	610	830		65	200	_		100 ±	2 4	50	75	71	0	112
规格									尺寸mr	n Din	ension	in mn	1							
Size									齿	轮箱(Sear ur	nits								
3126	9		h	h		h ₂	H		mı	n	12	ma		nı	n2		ns	N4		s
13	211.	5	440	450	0	460	90	0	545	5	45	475	1	00	305	3.7	835	340		35
14	211.	5	440	450	0	460	90	0	545	6	85	475	- 1	00	375		905	340	(. No.	35
15	238		500	490	0	500	100	00	655	6	55	535	1	20	365	1	005	375	5.0	42
16	238		500	490	0	500	100	00	655	7	45	535	1	20	410	1	050	375		42
17	259	_	550	555	-	560	11	COLUMN TO SERVICE STATE OF THE PERSON NAMED IN COLUMN TO SERVICE STATE OF THE PERSON NAMED STATE OF THE PERSON NAMED STATE OF THE PERSON NAMED STATE OF THE PERSON NAM	735		35	600	_	35	390		145	425	_	42
18	259	_	550	555	_	560	111	-	735		55	600	_	35	450	_	205	425	_	42
19	299	_	620	615	_	620	124	_	850	-	50	690	_	55	435	_	345	475	_	48
20	299		620	618		620	124		850		70	690	_	55	495	_	405	475	_	48
21	310	_	700	688		690	139		900	-	00	720	_	70	485	_	400	520	_	56
22	310	_	700	688	_	690	139		900	-	10	720	_	70	540	_	455	520	_	56
	1 310	1			_	000	10.	00	300	1 "	10 1	120	1 1	70				JEU	1	30
			F	54mm		Dimen	sions l	mm n							11.3	润滑油	OII		III i	2
规格			*	輸出輸		Gearu	inits								H	2.H	H2.N	1	Weig	ght
ACTE						LIOUIL	n Houn	A RV		170	ADL LE	Hans				ALA		100		
Size			12SH		-	нин	5) H2HN	N 53			2DH 5	H2DN	(10)	5)		轴對		Ha	2,H	H2.
	da1		G ₂	k		D2 2)		34	Da		D4	G ₄	100	Gs	Shaft sea		ea.	(K	(9)	(kg
225		-			-		-		-		-		-				1002	_		-
13	200	_	335	350	_	190	_	335	190	_	195	335	_	480		35	110	_	000	188
14	210	_	335	350	_	210	_	335	210	_	215	335	_	480		40	115	_	70	243
15	230	_	380	410	_	230	_	380	230	_	235	380	_	550	-	10	160	_	30	324
16	240	_	380	410	_	240	_	380	240	_	245	380	_	550		15	165	_	555	346
17	250		415	410		250		115	250	N	260	415		600	2	90	230	46	50	442
18	270		415	470	Pai Lo	275		115	280		285	415		600	3	00	240	51	25	487
19	290		465	470		~		-	285		295	465	5	670	3	20	300	52	50	500
	300	1	465	500	7-1	-	11/-	-	310	100	315	465	5	670	3	40	320	65	50	615
20	300		1,000																	



GEAR

平行轴齿轮箱 Helical Gear Units 两级传动 Two Stage 卧式安装 Horizontal 类型 H2.H, H2.M Types H2.H, H2.M 规格 23...26 Sizes 23...26



1) k6≤ Φ50 m6>Φ50

有关平键 GB/T1095-1979型和中心孔,参见第 87-88 页。 For parallel key GB/T1095-1979 and for center hole, see page 87-88

- 2) 键槽 GB/T1095-1979。 Keyway GB/T 1095-1979.
- 3) 扭力支撑位于工作机侧。 Torque support on driven machine side.





平行轴齿轮箱

类型 H2.H,H2.M

Helical Gear Units

两级传动

Two stage

野式安装

Horizontal

Types H2.H, H2.M

规格 23...26

Sizes 23...26

规格 Size		尺寸 mm Dimensions in mm 输入轴 Input														
	in = 6.3 - 11.2			ln = 7.1 - 12.5			in = 12.5 - 20			6	v = 14 - 2	-				
	di 11	lı lı	13	d: 1)	lı	13	d: 1)	li	l3	di 1)	li	13	G1	Ga		
23	190	330	280				150	250	200				560	610		
24				190	330	280				150	250	200	560	610		
25	200	340	290				170	300	250				600	650		
26				200	340	290				170	300	250	600	650		

64						尺寸	mm	Dimension	ons in mm					
规格 Size							齿轮箱	Gear	units					
Size	8	A ₁	A ₂	Аэ	A4	b	B ₁	B ₂	С	CI	de	D ₅	62	E
23	2380	770	770	550	550	930	630	220	115	120 ± 2	450	80	730	1185
24	2510	770	770	550	550	930	630	220	115	120 ± 2	450	80	795	1250
25	2580	845	865	550	550	1045	670	240	130	120 ± 2	450	90	790	1325
26	2760	845	865	550	550	1045	670	240	130	120 ± 2	450	90	880	1415

规格 Size					Ŧ	₹dmm	Dimens	ions in mn	1						
		齿轮箱 Gearunits													
	9	h	hi	h2	H	mı	m ₂	m ₃	m	n ₂	ns	Π4	S		
23	342	780	770	770	1550	1010	1010	810	180	550	1560	580	56		
24	342	780	770	770	1550	1010	1140	810	180	615	1625	580	56		
25	400	860	860	860	1720	1090	1090	910	200	590	1685	660	66		
26	400	860	860	860	1720	1090	1270	910	200	680	1775	660	66		

		R	寸 mm	润	骨油	重量					
规格 Size			輸出輸	Oil		Weight					
		'H2SH			H2DH	H2DM		H2.H	H2.M	H2.H	H2.M
300 A	d2 1)	G2	12	D3	D4	G4	G5	(1)	(1)	(kg)	(kg)
23	360	540	590	360	365	540	785	430	470	11600	11000
24	380	540	590	380	385	540	805	450	500	13000	12300
25	400	605	650	400	405	605	875	600	660	15500	14700
26	420	605	650	430	435	605	900	640	700	17200	16200

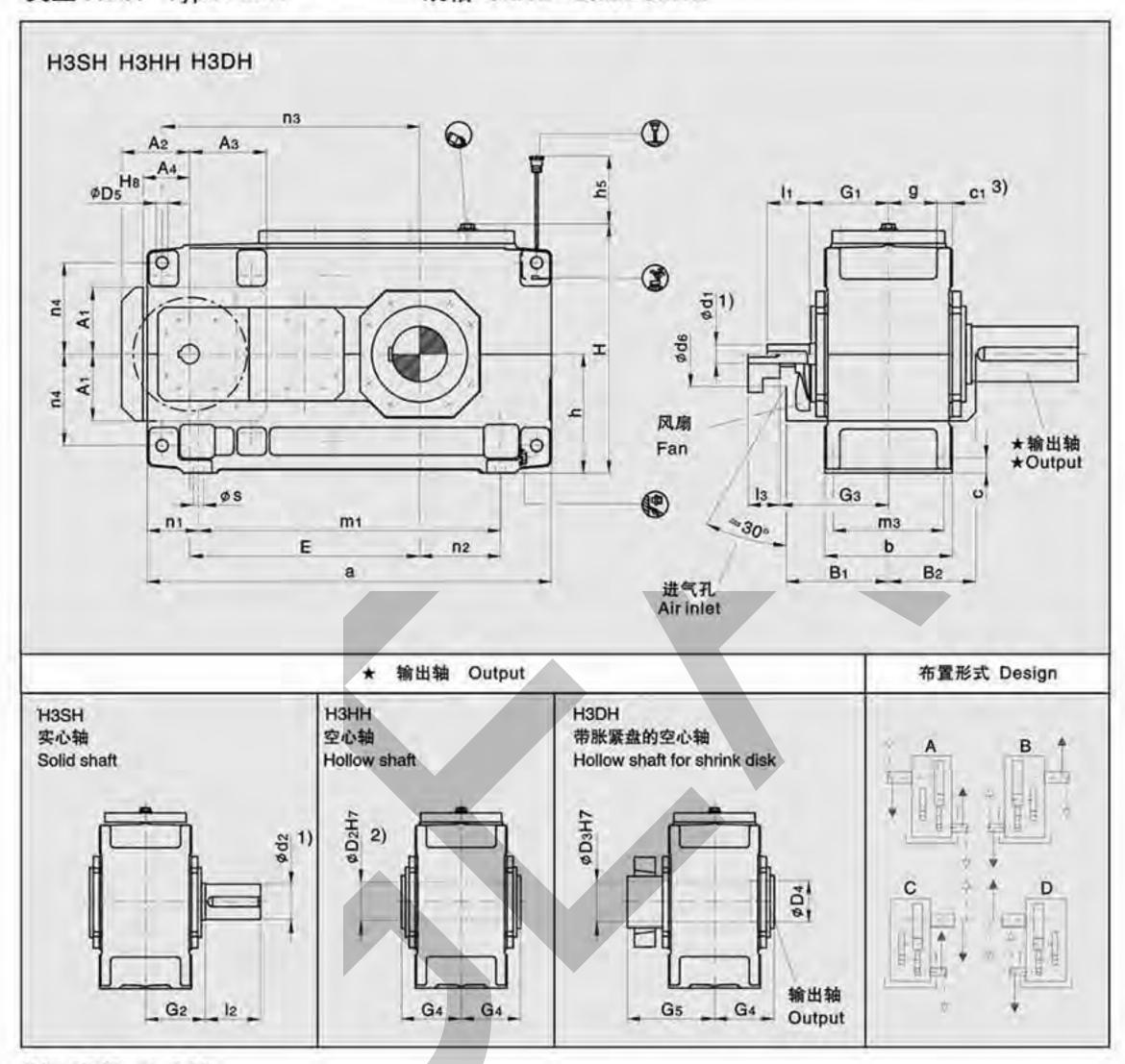




平行轴齿轮箱 Helical Gear Units 三级传动 Three Stage 类型 H3.H Type H3.H

规格 5...12 Sizes 5...12

卧式安装 Horizontal



1) k6 ≤ Ф 50 m6> Ф 50

有关平键 GB/T1095-1979 型和中心孔,参见第 87-88 页。 For parallel key GB/T1095-1979 and for center hole, see page 87-88 .

- 2) 鍵槽 GB/T1095-1979。 Keyway GB/T1095-1979.
- 3) 扭力支撑位于工作侧。 Torque support on driven machine side.





平行轴齿轮箱 Helical Gear Units 三级传动 Three Stage

张安定但

Horizontal

类型 H3.H

Type H3.H

规格 5...12 Sizes 5...12

								1	रजmr	n D	imens	ions i	n mm							
规格						7				输入轴	In	pul								
Size	in-	25 -	45	in=	31.5 -	56	îN=	= 50 -	63	IN:	= 63 -	80	in	= 71 -	90	iN=	90 -	112	G ₁	· ·
- 4 - 4	d1 1)	(lt	13	d1 1)	_lt	13	d1 1)	It	13	d1 1)	It	13	d1 1)	li	13	d1 1)	Ji.	13	01	G ₃
5	40	70	70				30	50	50				24	40	40				160	220
6				40	70	70				30	50	50		tard)	Lati	24	40	40	160	220
7	45	80	80	-		200	35	60	60				28	50	50		125		185	250
8			11.7	45	80	80	= 1			35	60	60				28	50	50	185	250
9	60	125	105		-		45	100	80	-	-		32	80	60			-	230	300
10				60	125	105			1	45	100	80			1	32	80	60	230	300
11	70	120	120				50	80	80				42	70	70				255	330
12				70	120	120	1		1	50	80	80				42	70	70	255	330

75.00						尺寸mm	Dimens	ions in mm	ì			
规格						齿轮箱	Gea	runits				
Size	а	At	A2	Аз	A4	b	Bi	B2	C	Ct	d6	D5
5	690	137	135	140	80	255	215	175	28	30 ± 1	60	24
6	770	137	135	140	80	255	215	175	28	30 ± 1	60	24
7	845	157	160	180	100	300	245	205	35	36 ± 1	75	28
8	950	157	160	180	100	300	245	205	35	36 ± 1	75	28
9	1000	182	190	205	120	370	295	240	40	45 ± 1.5	90	36
10	1100	182	190	205	120	370	295	240	40	45 ± 1,5	90	36
11	1200	218	220	255	150	430	325	280	50	54 ± 1.5	100	40
12	1355	218	220	255	150	430	325	280	50	54 ± 1.5	100	40

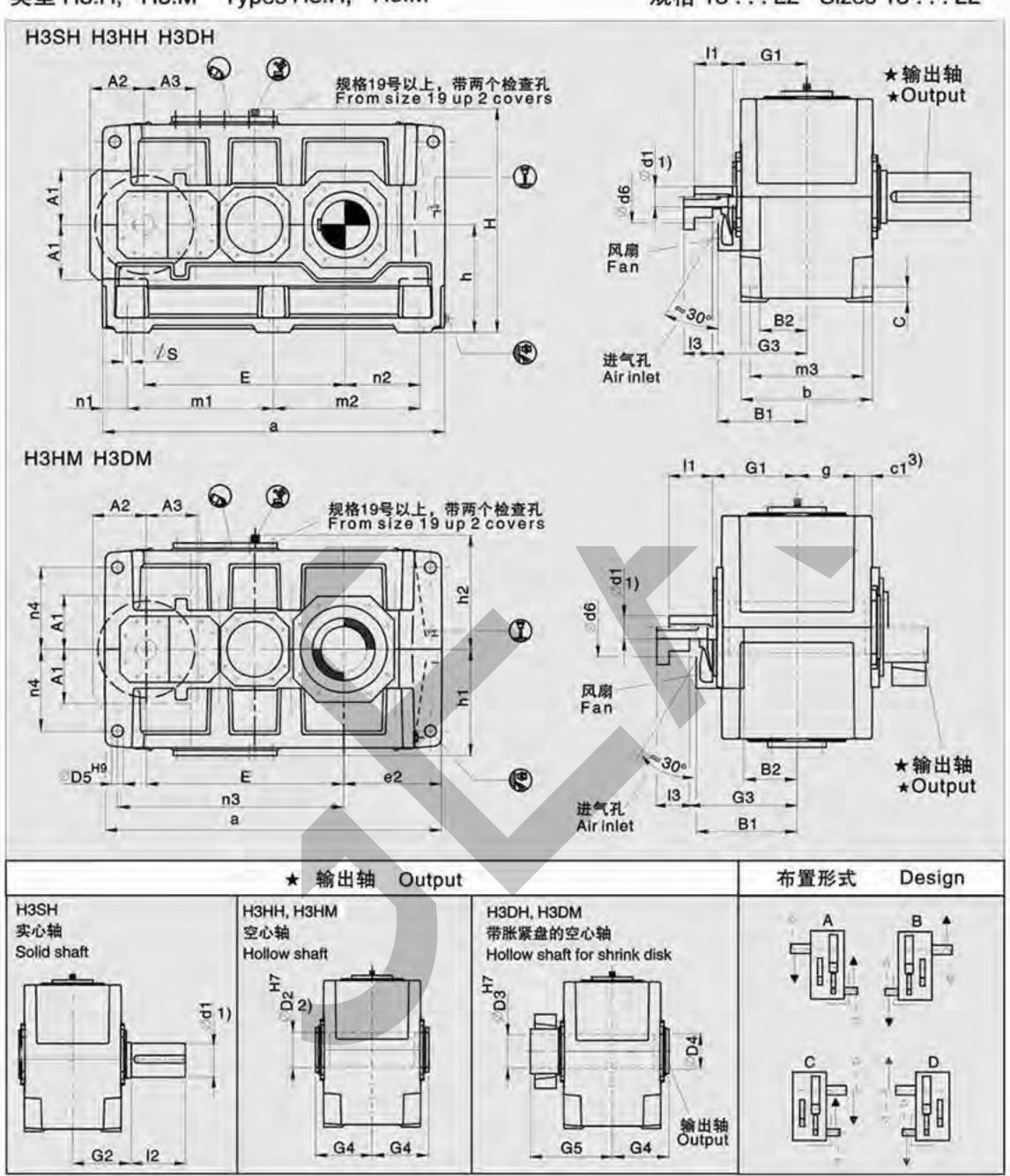
70-G					尺	dmm D	imensions in n	nm				
规格						齿轮箱	Gear units					
Size	E	g	h	hs	Н	m ₁	ma	D1	n ₂	n ₃	D4	S
5	405	97.5	230	130	482	480	220	105	100	455	180	19
6	440	97.5	230	130	482	560	220	105	145	490	180	19
7	495	114	280	170	572	605	260	120	130	560	215	24
8	540	114	280	160	582	710	260	120	190	605	215	24
9	580	140	320	185	662	710	320	145	155	660	245	28
10	630	140	320	185	662	810	320	145	205	710	245	28
11	705	161	380	180	782	870	370	165	180	805	300	35
12	775	161	380	170	790	1025	370	165	265	875	300	35

				尺寸mm	Dimensio	ns in mm				giolos.	100
规格				输	出轴 Outp	out				润滑油	重量
Size		H3SH		H3I	HH		H3	DH		Oil	Weight
	d2 1)	G2	12	D2 ²⁾	G4	D3	D4	G4	G5	(1)	(kg)
5	100	165	210	95	165	100	100	165	240	15	320
6	110	165	210	105	165	110	110	165	240	17	365
7	120	195	210	115	195	120	120	195	280	28	540
8	130	195	250	125	195	130	130	195	285	30	625
9	140	235	250	135	235	140	145	235	330	45	875
10	160	235	300	150	235	150	155	235	350	46	1020
11	170	270	300	165	270	165	170	270	400	85	1400
12	180	270	300	180	270	180	185	270	405	90	1675



平行轴齿轮箱 Helical Gear Units 三级传动 Three Stage 类型 H3.H, H3.M Types H3.H, H3.M

卧式安装 Horizontal 规格 13...22 Sizes 13...22



1) k6≤Φ50 m6>Φ50

有关平键 GB/T1095-1979型和中心孔,参见第 87-88 页。 For parallel key GB/T1095-1979 and for center hole, see page 87-88.

- 2) 健槽 GB/T1095-1979。 Keyway GB/T1095-1979.
- 3) 扭力支撑位于工作机侧。 Torque support on driven machine side.





平行轴齿轮箱 Helical Gear Units 三级传动

Three Stage

张安左

在

Horizontal

类型 H3.H, H3.M Types H3.H, H3.M

规格 13 ...22

Sizes 13...22

								尺寸	mm		Dim	ensio	ns in m	m						
规格	7.							输入!	油		Inpu	ıt								
Size	in=	22.4	- 45	iN= iN=	25 - 5 28 - 8	56.)	IN:	50 -	63	in=	56-71 63-80	, ,	IN	=71 -	90		80-1 90-		G ₁	G ₃
	d ₁ 1)	1	13	d ₁ 1)	11	13	d ₁ 1)	h	13	d ₁ 1)	- li	13	d1 1)	4	13	d ₁ 1)	1	la		
13	85	160	130				60	135	105				50	110	80	1 = 1			310	385
14	1000		1,700	85	160	130				60	135	105		Total I		50	110	80	310	385
15	100	200	165			7	75	140	105				60	140	105				350	420
16				100	200	165				75	140	105				60	140	105	350	420
17	100	200	165				75	140	105				60	140	105				380	450
18			T di	100	200	165				75	140	105				60	140	105	380	450
19	110	200	4)				90	165	4)				75	140	4)				430	4)
20		4	1 == 4	110	200	4)			1.5.7	90	165	4)				75	140	4)	430	4)
21	130	240	4)				110	205	4)				90	170	4)			100	470	4)
22				130	240	4)				110	205	4)				90	170	4)	470	4)

仅指规格14号齿轮箱 Only s

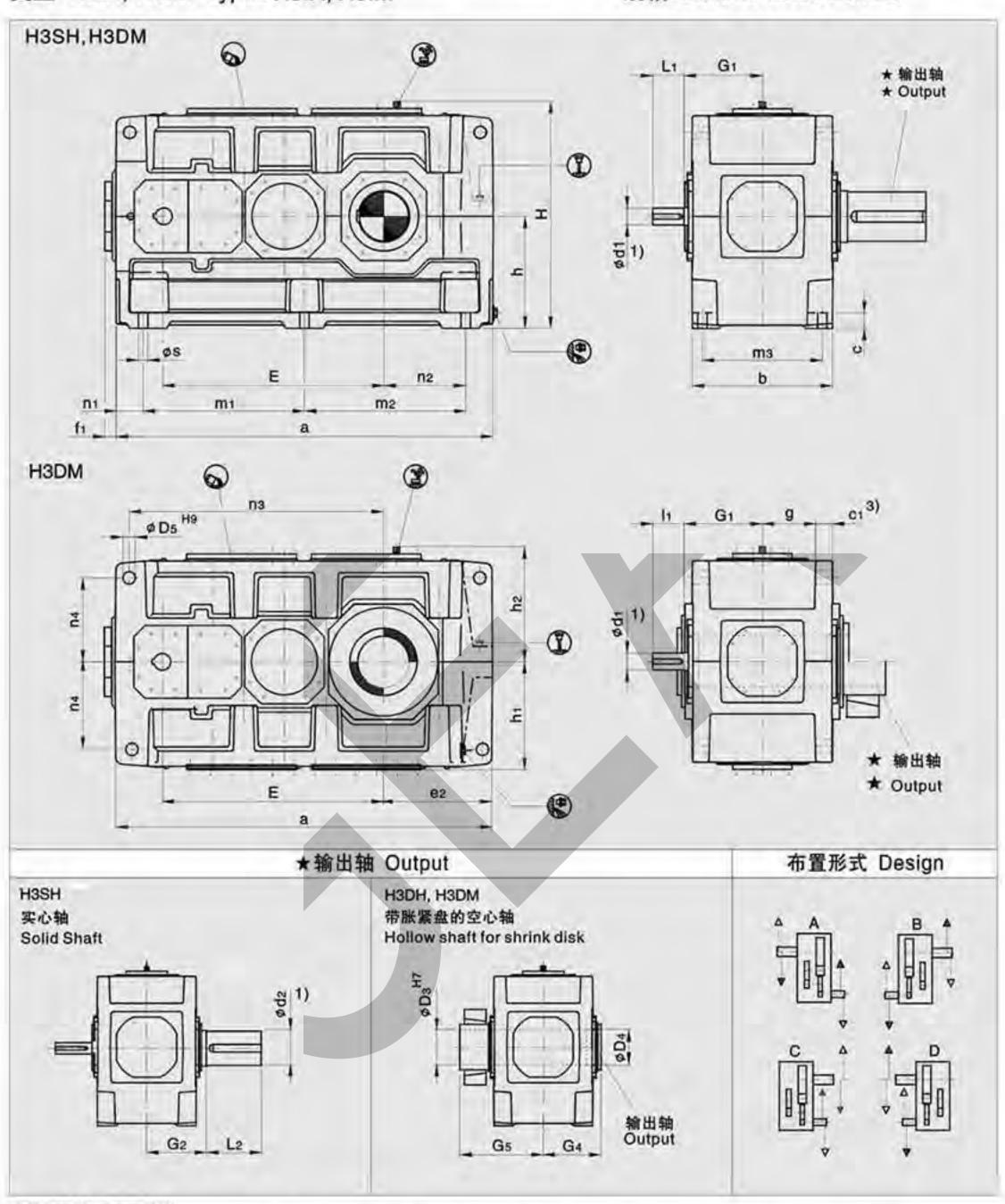
1.16					尺	न mm	1	Dimension	s in mm				
规格					齿	轮箱		Sear units					
Size	a	Aı	Ag	Ag	b	B ₁	B ₂	C	C ₁	d ₆	D ₅	02	E
13	1395	225	225	212	550	380	195	60	61 ±2	120	48	405	820
14	1535	225	225	212	550	380	195	60	61 ±2	120	48	475	890
15	1680	270	265	252	625	415	205	70	72 ± 2	150	55	485	987
16	1770	270	265	252	625	415	205	70	72 ±2	150	55	530	1033
17	1770	270	265	252	690	445	235	80	81 ±2	150	55	525	1035
18	1890	270	265	252	690	445	235	80	81 ±2	150	55	585	1095
19	2030	70			790		11-	90	91 ± 2		65	590	1190
20	2150	- 40	-	-	790	4)	4)	90	91 ± 2	1	65	650	1250
21	2340	4)	4)	4)	830	4)	4)	100	100 ± 2	4)	75	655	1387
22	2450				830			100	100 ± 2	1	75	710	1442

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

					尺寸	mm	Dim	ensions in	mm	润	骨油	III	量
规格				-	輸出	轴	Outpu	it		1 0	Dil	We	ight
Size		H3SH		НЗНН	НЗНМ		H3DH	H3DM		Нз.Н	H3.M	H3.H	НЗ.М
	d ₂ 1)	G ₂	lź	D ₂ ²⁾	G ₄	D ₃	D ₄	G ₄	G ₅	(1)	(1)	(kg)	(kg)
13	200	335	350	190	335	190	195	335	480	160	125	2295	2155
14	210	335	350	210	335	210	215	335	480	165	130	2625	2490
15	230	380	410	230	380	230	235	380	550	235	190	3475	3260
16	240	380	410	240	380	240	245	380	550	245	195	3875	3625
17	250	415	410	250	415	250	260	415	600	305	240	4560	4250
18	270	415	470	275	415	280	285	415	600	315	250	5030	4740
19	290	465	470			285	295	465	670	420	390	5050	4750
20	300	465	500		-5	310	315	465	670	450	415	6650	6250
21	320	490	500	P.85	-87	330	335	490	715	470	515	6950	6550
22	340	490	550	100	-80	340	345	490	725	490	540	7550	7050



平行轴齿轮箱 Helical Gear Units 类型 H3.H, H3.M Types H3.H, H3.M 三级传动 Three Stage 卧式安装 Horizontal 规格 23...26 Sizes 23...26



1) k6≤ Φ50 m6>Φ50

有关平键 GB/T1095-1979型和中心孔,参见第 87-88 页。 For parallel key GB/T1095-1979 and for center hole, see page 87-88

- 2) 鍵槽 GB/T1095-1979。 Keyway GB/T1095-1979.
- 3) 扭力支撑位于工作机侧。 Torque support on driven machine side.





平行轴齿轮箱 Helical Gear Units 卧式安装 Horizontal 规格 23...26 Sizes 23...26

三级传动 Three Stage 类型 H3.H,H3.M Types H3.H,H3.M

						尺寸mm	Dimension	ns in mm					
规格						新	入轴 Inpu	t					_
Size	in = 22	.4 - 45	IN = 2	25 - 50	in = 5	50 - 63	IN = 5	66 - 71	in = 7	1 - 90	in = 8	0 - 100	· .
	di 1)	. It	d ₁ 1)	Ju	d ₁ 3)	В	dt 11	h	d ₁ 1)	- It	di 1)	- 0	Gt
23	130	240			110	205			90	170			510
24			130	240			110	205		-	90	170	510
25	150	245			130	245			100	210			570
26			150	245			130	245			100	210	570

1016					尺寸mm	Dimension	s in mm				
规格					齿	轮箱 Gearu	nits				
Size	a	b	C	Ct	D5	62	E	fr	g	h	hi
23	2530	930	115	120±2	80	730	1505	35	342	780	770
24	2660	930	115	120±2	80	795	1570	35	342	780	770
25	2830	1045	130	120±2	90	790	1659	65	400	860	860
26	3010	1045	130	120±2	90	880	1785	65	400	860	860

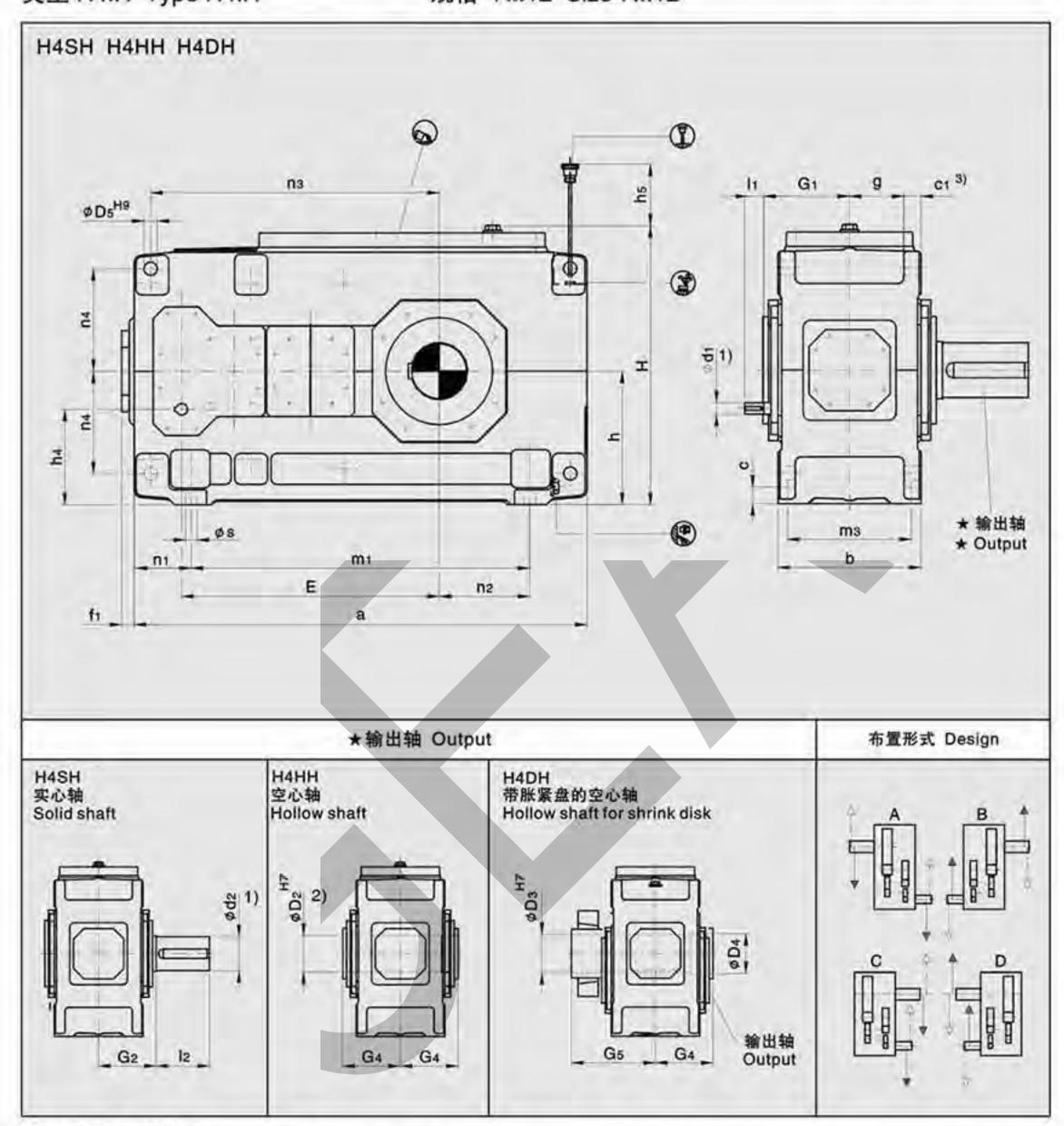
inth.				- 0	R寸mm Dim	ensions in mm				
规格					齿轮箱(Gear units				
Size	ha	н	mı	ma .	ms	וח	n2	n3	714	S
23	790	1570	1085	1085	810	180	550	1725	580	56
24	790	1570	1085	1215	810	180	615	1790	580	56
25	860	1720	1215	1215	910	200	590	1965	660	66
26	860	1720	1215	1395	910	200	680	2055	660	66

			尺寸mm	Dimension	s in mm			润剂	骨油	35	量
规格				输出轴 Outp	ut				Dil	We	ight
Size		H3SH			H3DH	H3DM		Нз.Н	НЗ.М	Нз.Н	H3.M
	D ₂ 1)	G2	12	D3	D4	G4	G5	(1)	(1)	(Kg)	(Kg)
23	360	540	590	360	365	540	785	620	690	11500	10600
24	380	540	590	380	385	540	805	650	725	13400	12500
25	400	605	650	400	405	605	875	880	970	16100	15200
26	420	605	650	430	435	605	900	935	1030	17600	16500





四级传动 Four Stage 规格 7...12 Size 7...12 卧式安装 Horizontal



1) ke≤ Φ50 me>Φ50

有关平键 GB/T1095-1979型和中心孔,参见第 87-88 页。 For parallel key GB/T1095-1979 and for center hole,see page 87-88 .

- 2) 键槽 GB/T1095-1979。 Keyway GB/T1095-1979.
- 3) 扭力支撑位于工作机侧。 Torque support on driven machine side.





四级传动 Four Stage

卧式安装 Horizontal

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

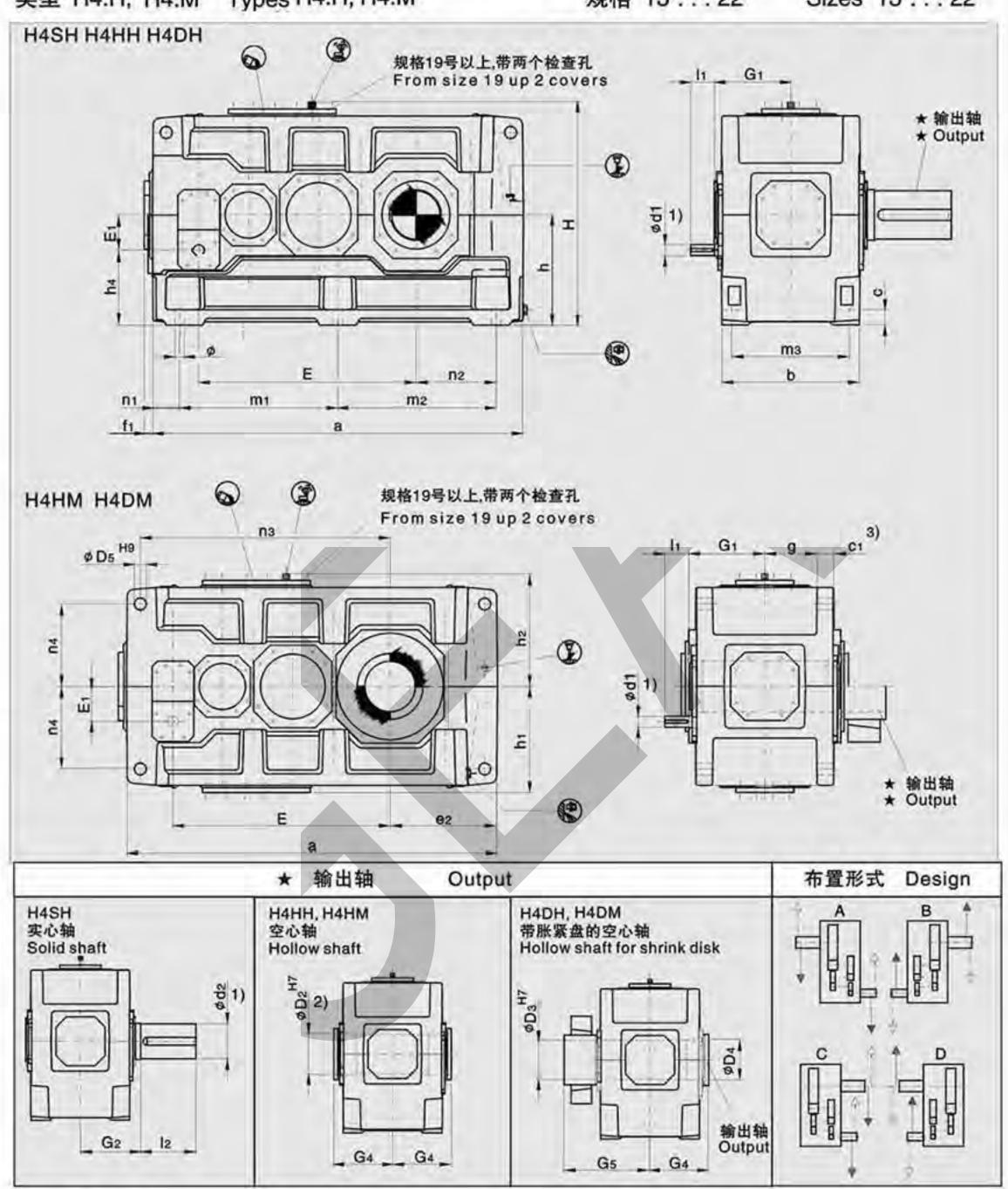
			F	ed mm	Dimer	sions in mm			
规格				¥	A Input				
规格 Size	in = 100	0 – 180	in = 125	5 - 224	in = 200	- 355	in = 250	- 450	-
	d1 1)	lt	d1 1)	lt.	d1 1)	h	d1 1)	li li	G1
7	30	50			24	40			180
8	L		30	50			24	40	180
9	35	60			28	50			215
10			35	60			28	50	215
11	45	100			32	80			250
12			45	100			32	80	250

-5-0								尺寸	mm	Dimens	ions in	mm							
规格 Size									齿轮箱	Gea	units					,,=,			
J.L.	а	b	С	Cı	Ds.	E	fı	g	h	ha	hs	н	mı	ms	Di	N2	na	n4	s
7	845	300	35	36 ± 1	28	495	37	114	280	200	140	572	605	260	120	130	560	215	24
8	950	300	35	36 ± 1	28	540	37	114	280	200	140	582	710	260	120	190	605	215	24
9	1000	370	40	45±1.5	36	580	43	140	320	230	150	662	710	320	145	155	660	245	28
10	1100	370	40	45±1.5	36	630	43	140	320	230	150	662	810	320	145	205	710	245	28
11	1200	430	50	54±1.5	40	705	47	161	380	270	165	782	870	370	165	180	805	300	35
12	1355	430	50	54±1.5	40	775	47	161	380	270	165	790	1025	370	165	265	875	300	35

				尺寸 mm	Dimensio	ns in mm					
规格				輸出	i轴 Ou	put				润滑油	重量
Size		H4SH		H4	нн		H4	DH		Oil (I)	Weight (kg)
	d2 1)	G2	12	D2 2)	G4	D3	D4	G4	G5	1000	0.34
7	120	195	210	115	195	120	120	195	280	25	550
8	130	195	250	125	195	130	130	195	285	27	645
9	140	235	250	135	235	140	145	235	330	48	875
10	160	235	300	150	235	150	155	235	350	50	1010
11	170	270	300	165	270	165	170	270	400	80	1460
12	180	270	300	180	270	180	185	270	405	87	1725



平行轴齿轮箱 Helical Gear Units 四级传动 Four Stage 卧式安装 Horizontal 类型 H4.H, H4.M Types H4.H, H4.M 规格 13...22 Sizes 13...22



¹⁾ ke≤ Φ50 me>Φ50

有关平键 GB/T1095-1979型和中心孔,参见第 87-88 页。 For parallel key GB/T1095-1979 and for center hole, see page 87-88 .

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

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





平行轴齿轮箱 Helical Gear Units 四级传动 Four Stage 卧式安装 Horizontal

						尺寸mm	Dimension	s in mm					
规格						输入	入轴 Inpu	n					
Size	in = 10	0-180	in = 11	2-200	in = 12	5 - 224	in = 20	0 - 355	in = 22	4-400	in= 25	0 - 450	0.
27.25	d ₁ 1)	10	d ₁ 1)	li li	d ₁ 1)	h	d ₁ 1)	11	d ₁ 1)	h	d ₁ 1)	J ₁	Gı
13	50	100				(38	80					305
14		100.00	-		50	100					38	80	305
15	60	135					50	110			4		345
16			60	135					50	110			345
17	60	105					50	80					380
18			60	105					50	80			380
19	75	105	-				60	105					440
20			75	105					60	105			440
21	90	165				A	70	140			P		460
22			90	165					70	140			460

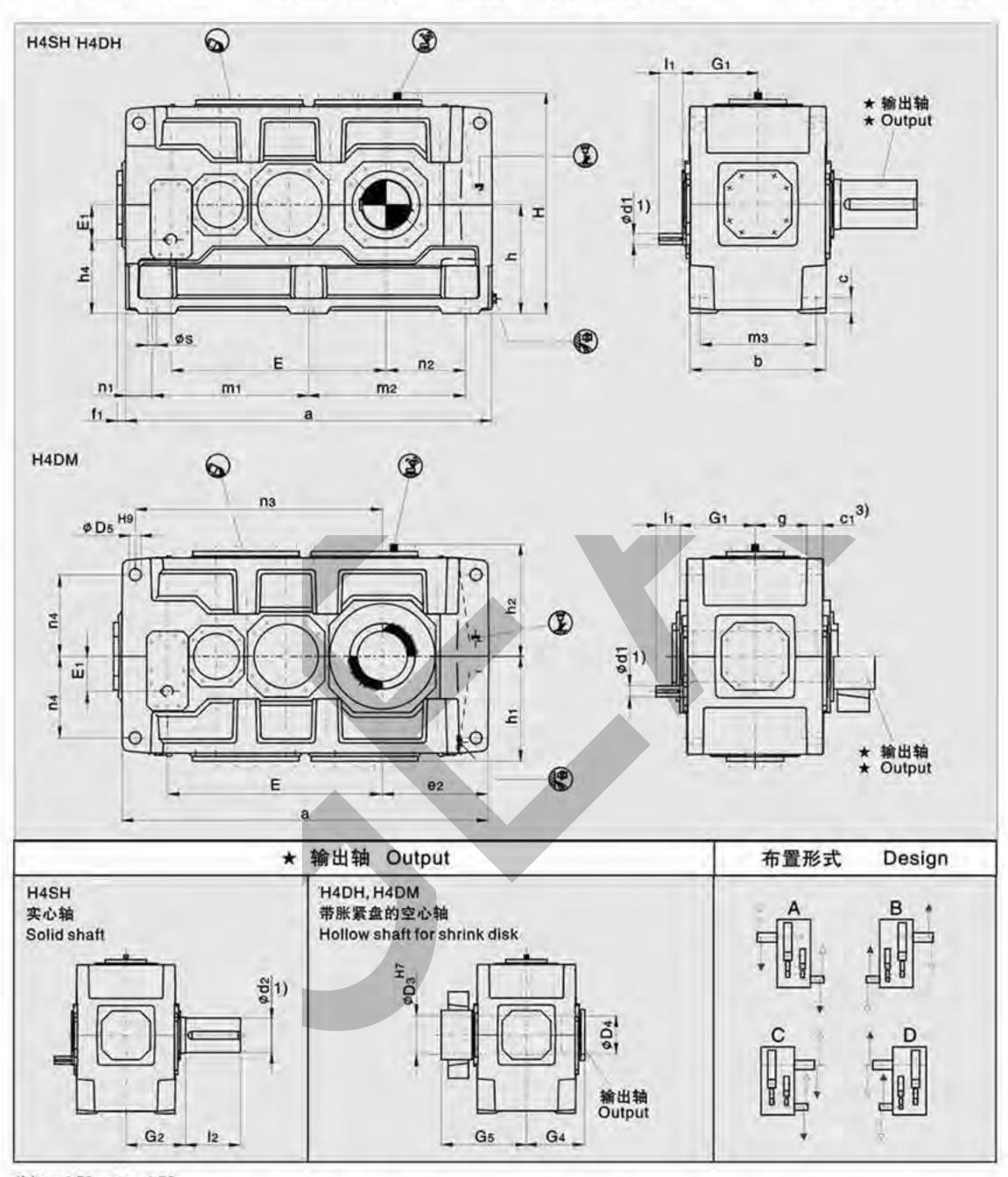
viscos)					尺寸mm D	imensions i	n mm				
規格					齿轮箱	Gear unit	ts				
Size	а	b	С	C ₁	D ₅	θ ₂	E	E ₁	ti	g	h
13	1395	550	60	61 ±2	48	405	820	130	47	211.5	440
14	1535	550	60	61 ±2	48	475	890	130	47	211.5	440
15	1680	625	70	72 ±2	55	485	987	160	56	238	500
16	1770	625	70	72 ±2	55	530	1033	160	56	238	500
17	1770	690	80	81 ±2	55	525	1035	160	53	259	550
18	1890	690	80	81 ±2	55	585	1095	160	53	259	550
19	2030	790	90	91 ±2	65	590	1190	185	53	299	620
20	2150	790	90	91 ±2	65	650	1250	185	53	299	620
21	2340	830	100	100±2	75	655	1387	225	62	310	700
22	2450	830	100	100±2	75	710	1442	225	62	310	700

20/00					尺寸	tmm Dim	ensions in	mm				
规格						齿轮箱	Gear units					
Size	h ₁	h ₂	h ₄	Н	m _t	m ₂	m ₃	nt	n ₂	n ₃	n ₄	S
13	450	460	310	900	597.5	597.5	475	100	305	940	340	35
14	450	460	310	900	597.5	737.5	475	100	375	1010	340	35
15	490	500	340	1000	720	720	535	120	365	1135	375	42
16	490	500	340	1000	720	810	535	120	410	1180	375	42
17	555	560	390	1110	750	750	600	135	390	1175	425	42
18	555	560	390	1110	750	870	600	135	450	1235	425	42
19	615	620	435	1240	860	860	690	155	435	1365	475	48
20	615	620	435	1240	860	980	690	155	495	1425	475	48
21	685	690	475	1390	1000	1000	720	170	485	1615	520	56
22	685	690	475	1390	1000	1110	720	170	540	1670	520	56

50				尺寸mm	Dimensi	ons in mm	-			润剂	神油	I	量
规格				输出	H轴 Ou	tput				0	il	We	ight
Size		H4SH		H4HH	Н4НМ		H4DH	H4DM		H4.H	H4.M	H4.H	H4.M
2.024	d ₂ 1)	G ₂	12	D ₂ 2)	G ₄	D ₃	D ₄	G ₄	G ₅	(1)	(1)	(kg)	(kg)
13	200	335	350	190	335	190	195	335	480	130	120	2390	2270
14	210	335	350	210	335	210	215	335	480	140	125	2730	2600
15	230	380	410	230	380	230	235	380	550	230	170	3635	3440
16	240	380	410	240	380	240	245	380	550	235	175	3965	3740
17	250	415	410	250	415	250	260	415	600	290	225	4680	4445
18	270	415	470	275	415	280	285	415	600	305	230	5185	4915
19	290	465	470	8	-	285	295	465	670	360	310	5700	5300
20	300	465	500		1.6.1	310	315	465	670	380	330	6400	5950
21	320	490	500	D-X	1030	330	335	490	715	395	430	7750	7250
22	340	490	550		-8	340	345	490	725	420	450	8350	7750



平行轴齿轮箱 Helical Gear Units 四级传动 Four Stage 卧式安装 Horizontal 类型 H4.H, H4.M Types H4.H, H4.M 规格 23...26 Sizes 23...26



¹⁾ k6≤ Φ50 m6>Φ50

有关平键 GB/T1095-1979型和中心孔,参见第 87-88 页。 For parallel key GB/T1095-1979 and for center hole, see page 87-88

- 2) 鍵槽 GB/T1095-1979。 Keyway GB/T1095-1979.
- 3) 扭力支撑位于工作机侧。 Torque support on driven machine side.





平行轴齿轮箱 Helical Gear Units

四级传动

For Stage

Horizontal

类型 H4.H,H4.M

Types H4.H,H4.M

规格 23...26

Sizes 23...26

				尺寸 mn					
规格 Size	IN= 10	0 - 180	IN= 11	2 - 200	iN= 20	0 - 355	IN= 22	4 - 400	
	d ₁ 1)	li	d ₁ 1)	T ₁	d ₁ 1)	- In	d ₁ 1)	11	G1
23	90	130			70	105			505
24			90	130			70	105	505
25	100	205			85	170			565
26			100	205			85	170	565

				尺	4mm	Dimension	s in mm				
规格 Size					齿轮箱	Gearu	nits				
3126	а	b	C	C ₁	D ₅	02	E	E ₁	f ₁	9	h
23	2530	930	115	120 ± 2	80	730	1505	225	35	342	780
24	2660	930	115	120 ± 2	80	795	1570	225	35	342	780
25	2830	1045	130	120 ± 2	90	790	1695	265	65	400	860
26	3010	1045	130	120 ± 2	90	880	1785	265	65	400	860

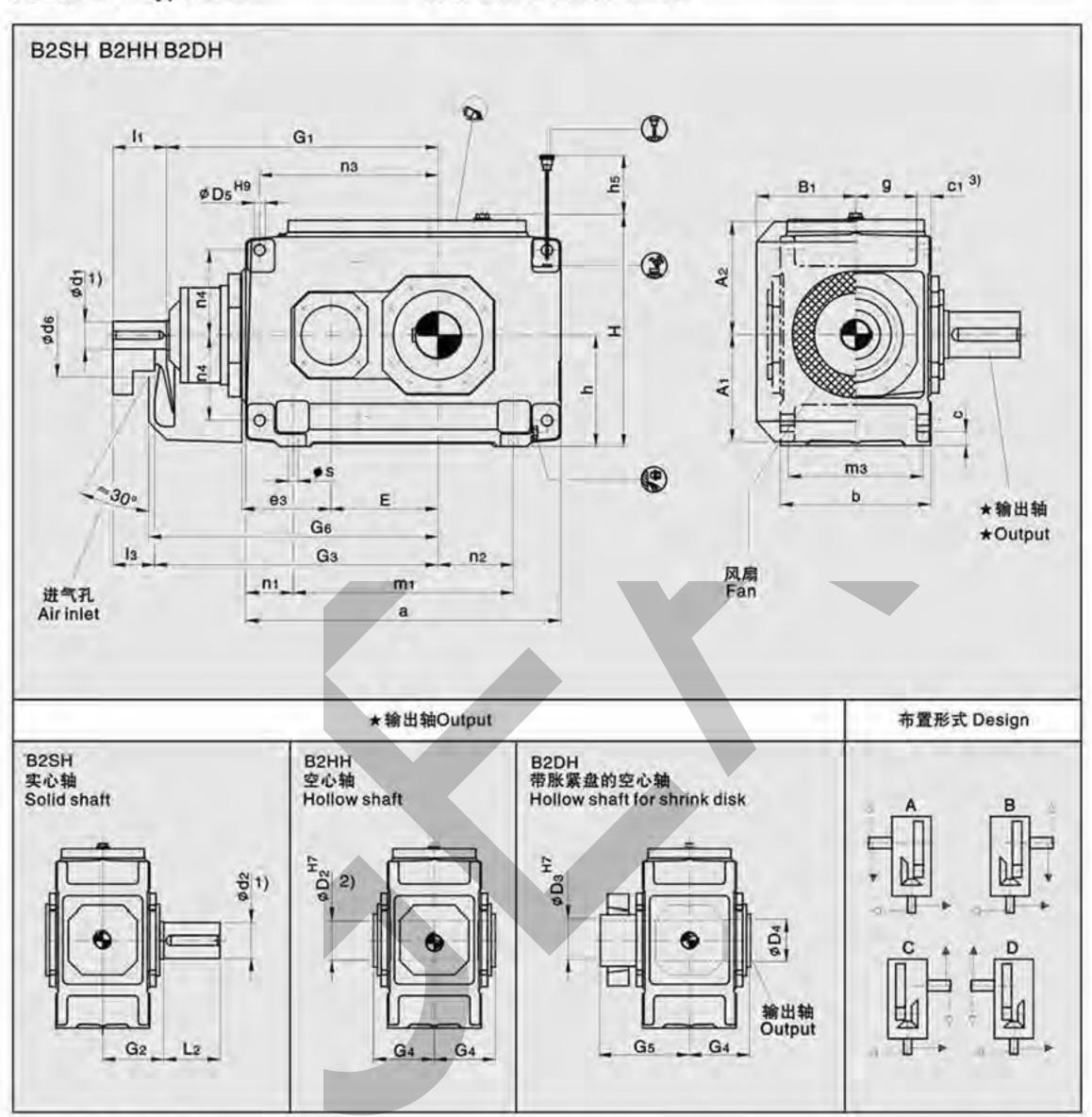
					尺寸n	nm Di	mensions i	n mm				
規格 Size						齿轮箱	Gear units	3				
3128	hi	h ₂	h ₄	Н	m ₁	m ₂	m ₃	n ₁	n ₂	n ₃	n ₄	S
23	770	790	555	1570	1085	1085	810	180	550	1725	580	56
24	770	790	555	1570	1085	1215	810	180	615	1790	580	56
25	860	860	595	1720	1215	1215	910	200	590	1965	660	66
26	860	860	595	1720	1215	1395	910	200	680	2055	660	66

De all		R	4 mm	Dime	nsions in m	m		润	骨油	重	큚
规格			输出轴		Output			(Dil	We	ight
Size		H4SH			H4DH H4	DM		H4.H	H4.M	H4.H	H4.M
	d ₂ 1)	G ₂	12	D ₃	D ₄	G ₄	G ₅	(1)	(1)	(kg)	(kg)
23	360	540	590	360	365	540	785	520	500	11600	10700
24	380	540	590	380	385	540	805	550	600	13500	12600
25	400	605	650	400	405	605	875	735	800	16100	15200
26	420	605	650	430	435	605	900	780	850	17600	16500





直交轴齿轮箱 Bevel-helical Gear Units 二级传动 Two Stage 卧式安装 Horizontal 类型 B2.H Type B2.H 规格 1...12 Sizes 1...12



- 1) k6≤ Ф50 m6>Ф50
- 有关平键 GB/T1095-1979型和中心孔,参见第 87-88 页。 For parallel key GB/T1095-1979 and for center hole,see page 87-88.
- 2) 键槽 GB/T1095-1979。 Keyway GB/T1095-1979.
- 3) 扭力支撑位于工作机侧。 Torque support on driven machine side.





直交轴齿轮箱 Bevel-helical Gear Units

二级传动 Two Stage

卧式安装 Horizontal

类型 B2.H

Type B2.H

规格 1...12 Sizes 1...12

2.5					尺寸mn	n Dimension					
規格						输入轴 Input					
Size		in=5-11.2			IN=6.3-14			in=12.5-18		0.	-
	di 1)	lı.	13	di 1)	lt.	l3	d1 1)	- h	13	G1	G ₃
1	28	55	40				20	50	35	300	315
2	30	70	50	1			25	60	40	340	360
3	35	80	60				28	60	40	390	410
4	45	100	80							465	485
5	55	110	- 80							535	565
6			1	55	110	80				570	600
7	70	135	105		1					640	670
8	1 70			70	135	105				685	715
9	80	165	130							755	790
10			1	80	165	130				805	840
11	90	165	130							925	.960
12				90	165	130				995	103

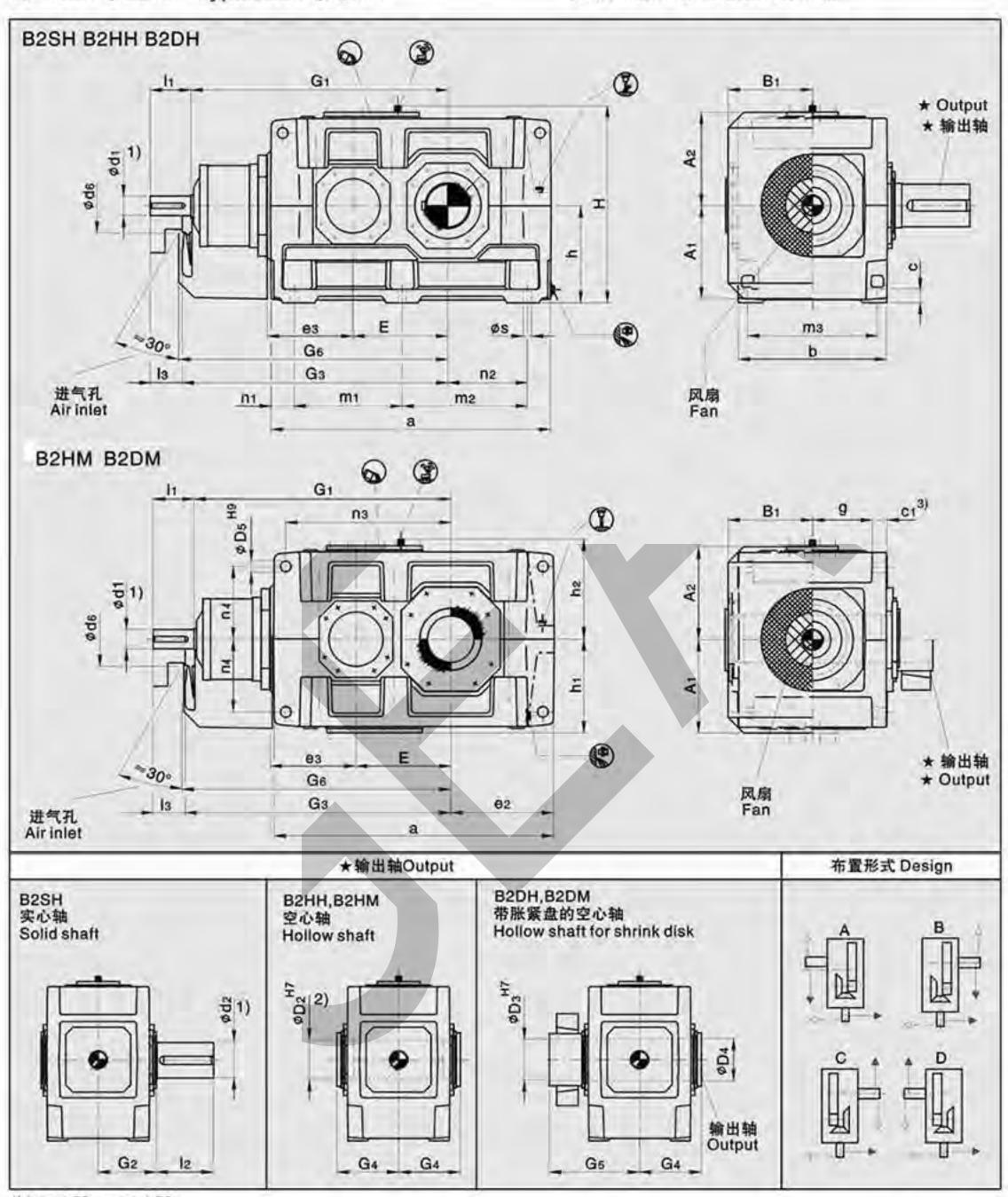
in the					尺	寸mm Dir	mensions in mm					
規格 Size						齿轮箱	Gear units					
0126	а	A ₁	A2	ь	Bi	C	CI	D ₅	de	63	E	g
1	305	125	130	180	128	18	16±1	12	110	90	90	74
2	355	140	145	205	143	18	20±1	14	110	110	110	82.5
3	405	170	170	225	163	22	24±1	18	120	130	130	88.5
4	505	195	200	270	188	28	30±1	24	150	160	160	105
5	565	220	235	320	215	28	30±1	24	160	185	185	130
6	645	220	235	320	215	28	30 ± 1	24	160	185	220	130
7	690	270	285	380	250	35	36 ± 1	28	210	225	225	154
8	795	270	285	380	250	35	36 ± 1	28	210	225	270	154
9	820	310	325	440	270	40	48±1.5	36	195	265	265	172
10	920	310	325	440	270	40	48±1.5	36	195	265	315	172
-11	975	370	385	530	328	50	54 ± 1.5	40	210	320	320	211
12	1130	370	385	530	328	50	54 ± 1.5	40	210	320	390	211

Arr 24.	-				尺寸mr	n Dimension	s in mm				
規格					齿车	箱 Geart	inits				
Size	G6	h:	h5	H	mı.	m3	nı	na:	na	N4	S
1	325	130	80	275	185	155	60	70	160	105	12
2	370	145	80	305	225	180	65	75	195	115	12
3	420	175	90	360	245	195	80	70	235	132.5	15
4	495	200	80	415	295	235	105	85	285	150	19
5	575	230	150	482	355	285	105	100	330	180	19
6	610	230	150	482	435	285	105	145	365	180	19
7	685	280	180	582	450	340	120	130	405	215	24
8	730	280	190	582	555	340	120	190	450	215	24
9	805	320	205	662	530	390	145	155	480	245	28
10	855	320	215	662	630	390	145	205	530	245	28
11	980	380	240	790	645	470	165	180	580	300	35
12	1050	380	250	790	800	470	165	265	650	300	35

				尺寸mn						润滑油 Oil	重量
規格					输出轴 Outp	ut				轴封	and the second s
Size		B2SH		B2	HH		B2	DH		Shaft seal	Weight
	d2 1)	G ₂	La	D ₂ ⁽²⁾	G4	D ₃	D4	G4	G5	(1)	(kg)
-1-	45	120	80				3 OF		-	2	65
2	55	135	110	55	135	60	60	135	180	4	90
3	65	145	140	65	145	70	70	145	200	6	140
4	80	170	170	80	170	85	85	170	235	10	235
5	100	200	210	95	200	100	100	200	275	16	360
6	110	200	210	105	200	110	110	200	275	19	410
7	120	235	210	115	235	120	120	235	320	31	615
8	130	235	250	125	235	130	130	235	325	34	700
9	140	270	250	135	270	140	145	270	365	48	1000
10	160	270	300	150	270	150	155	270	385	50	1155
11	170	320	300	165	320	165	170	320	450	80	1640
12	180	320	300	180	320	180	185	320	455	95	1910



直交轴齿轮箱 Bevel-helical Gear Units 类型B2.H, B2.M Types B2.H, B2.M 二级传动 Two Stage 卧式安装 Horizontal 规格 13...18 Sizes 13...18



1) k6≤Ф50 m6>Ф50

有关平键 GB/T1095-1979型和中心孔,参见第 87-88 页。 For parallel key GB/T1095-1979 and for center hole, see page 87-88 ...

- 2) 键槽 GB/T1095-1979。 Keyway GB/T1095-1979.
- 3) 扭力支撑位于工作机侧。 Torque support on driven machine side.





直交轴齿轮箱 Bevel-helical Gear Units 类型 B2.H, B2.M Types B2.H, B2.M

二级传动 Two Stage 卧式安装 Horizontal 规格 13...18 Sizes 13...18

							尺寸	mm 1	Dimensi	ons in m	m						
规格								輸入	轴 In	put							
Size	in =	5 - 11.2		in =	5.6 - 11	.2	in =	5.6-12	.5	İN	= 6.3-1	4	in :	= 7.1-12	2.5		-
	d ₁ 1)	h	b	dı 1)	Li	ь	d1 1)	h	b	d1 1)	h	b	d1 1)	h	ь	Gı	G 3
13	110	205	165													1070	1110
14										110	205	165				1140	1180
15	130	245	200													1277	1322
16							130	245	200							1323	1368
17				150	245	200			1							1435	1480
18													150	245	200	1495	1540

10 W					尺	寸mm	Dimens	ions in m	m				
规格 Size						齿轮	iii Gea	runits					
SIZE	а	At	A2	b	Bı	С	C1	de	Ds.	82	63	E	9
13	1130	430	450	655	375	60	61 ± 2	245	48	405	380	370	264
14	1270	430	450	655	375	60	61 ± 2	245	48	475	380	440	264
15	1350	490	495	765	435	70	72 ± 2	280	55	485	450	442	308
16	1440	490	495	765	435	70	72 ± 2	280	55	530	450	488	308
17	1490	540	555	885	505	80	81 ± 2	380	65	525	510	490	356
18	1610	540	555	885	505	80	81 ± 2	380	65	585	510	550	356

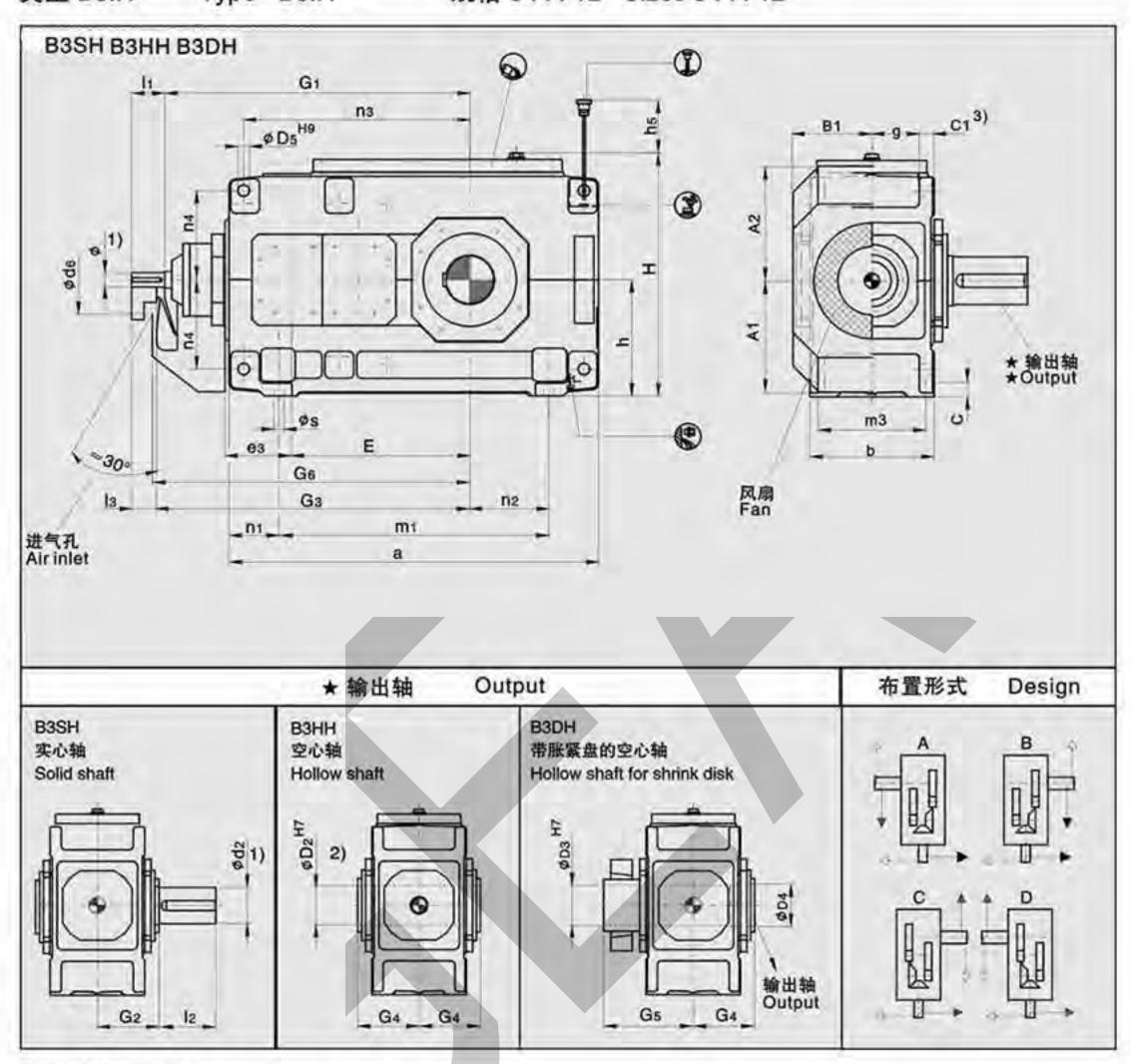
an one					F	54 mm	Dimens	ions in mn	1				
规格 Size						齿轮箱	Ge	arunits					
0120	G ₆	h	h ₁	h ₂	н	m ₁	m ₂	m ₃	nı	nz	na	N4	s
13	1130	440	450	460	900	465	465	580	100	305	675	340	35
14	1200	440	450	460	900	465	605	580	100	375	745	340	35
15	1340	500	490	500	1000	555	555	670	120	365	805	375	42
16	1385	500	490	500	1000	555	645	670	120	410	850	375	42
17	1500	550	555	560	1110	610	610	780	135	390	895	420	48
18	1560	550	555	560	1110	610	730	780	135	450	955	420	48

				尺寸mm	Dimensio	ns in mm	1			润滑油	Oil	T	
规格				输出轴	Output					B2.H	B2.M	We	ight
Size		B2SH		В2НН	В2НМ		B2DH	B2DM		轴封 ())	B2.H	B2.M
	d ₂ 1)	G ₂	le	D ₂ ²⁾	G ₄	D ₃	D ₄	G ₄	G ₅	Shaft se		(kg)	(kg)
13	200	390	350	1 24	-	-9	-0 (- B-	140	120	2450	2350
14	210	390	350	210	390	210	215	390	535	155	130	2825	2725
15	230	460	410	3	-		18	19	181	220	180	3990	379
16	240	460	410	240	450	240	245	450	620	230	190	4345	4160
17	250	540	410		- 19-	-50	(1)		. 8	320	260	5620	5320
18	270	540	470	275	510	280	285	510	700	335	275	6150	586





直交轴齿轮箱 Bevel-helical Gear Units 三级传动 Three Stage 卧式安装 Horizontal 类型 B3.H Type B3.H 规格 3...12 Sizes 3...12



1) k6≤Φ50 m6>Φ50

有关平键 GB/T1095-1979型和中心孔,参见第 87-88 页。 For parallel key GB/T1095-1979 and for center hole,see page 87-88 .

- 2) 键槽 GB/T1095-1979。 Keyway GB/T1095-1979.
- 3) 扭力支撑位于工作机侧。 Torque support on driven machine side.





直交轴齿轮箱 Bevel-helical Gear Units 三级传动 Three Stage

卧式安装 Horizontal

类型 B3.H

Type B3.H

规格 3...12

Sizes 3...12

2.5							尺	4mm	Dimen	sions in r	mm						
规格	1							输	入轴	nput							, 1
Size	ln=	12.5 -	45	IN=	= 16 -	56	in.	= 20 -	45	in:	= 50 -	71	in=	63 -	90	G,	Ga
is had	d ₁ 1)	h	13	d ₁ 1)	l ₁	13	d ₁ 1)	- (1	13	d ₁ ¹⁾	- In	13	d ₁ 1)	11	l ₃	01	G 3
3							28	55	40	20	50	35				430	445
4	30	70	50	1						25	60	40				500	520
5	35	80	60							28	60	40				575	595
6				35	80	60		-		11111			28	60	40	610	630
7	45	100	80			1				35	80	60			10.7	690	710
8				45	100	80					Ú.		35	80	60	735	755
9	55	110	80						-	40	100	70				800	830
10	-			55	110	80	_			1100			40	100	70	850	880
11	70	135	105							50	110	80				960	990
12				70	135	105							50	110	80	1030	1060

diene.						尺寸mm	Dimensions in mm	1				
規格		-				齿轮箱	ii Gear units					
Size	а	A ₁	A ₂	b	B ₁	C	C ₁	d ₆	D ₅	93	E	g
3	450	170	170	190	128	22	24 ± 1	90	18	90	220	71
4	565	195	200	215	143	28	30 ± 1	110	24	110	270	77.5
5	640	220	235	255	168	28	30 ± 1	130	24	130	315	97.5
6	720	220	235	255	168	28	30 ± 1	130	24	130	350	97.5
7	785	275	275	300	193	35	36 ± 1	165	28	160	385	114
8	890	275	275	300	193	35	36 ± 1	165	28	160	430	114
9	925	315	325	370	231	40	45 ± 1.5	175	36	185	450	140
10	1025	315	325	370	231	40	45 ± 1.5	175	36	185	500	140
11	1105	370	385	430	263	50	54 ± 1.5	190	40	225	545	161
12	1260	370	385	430	263	50	54 ± 1.5	190	40	225	615	161

No.					尺寸mm	Dimensio	ns in mm				
规格					齿轮	箱 Gear	units				
Size	G ₆	h-	h ₅	Н	m 1	m ₃	n ₁	n ₂	n ₃	n ₄	S
3	455	175	100	360	290	160	80	65	285	132.5	15
4	530	200	100	415	355	180	105	85	345	150	19
5	605	230	130	482	430	220	105	100	405	180	19
6	640	230	130	482	510	220	105	145	440	180	19
7	720	280	170	572	545	260	120	130	500	215	24
8	765	280	160	582	650	260	120	190	545	215	24
9	845	320	175	662	635	320	145	155	585	245	28
10	895	320	175	662	735	320	145	205	635	245	28
11	1010	380	220	782	775	370	165	180	710	300	35
12	1080	380	210	790	930	370	165	265	780	300	35

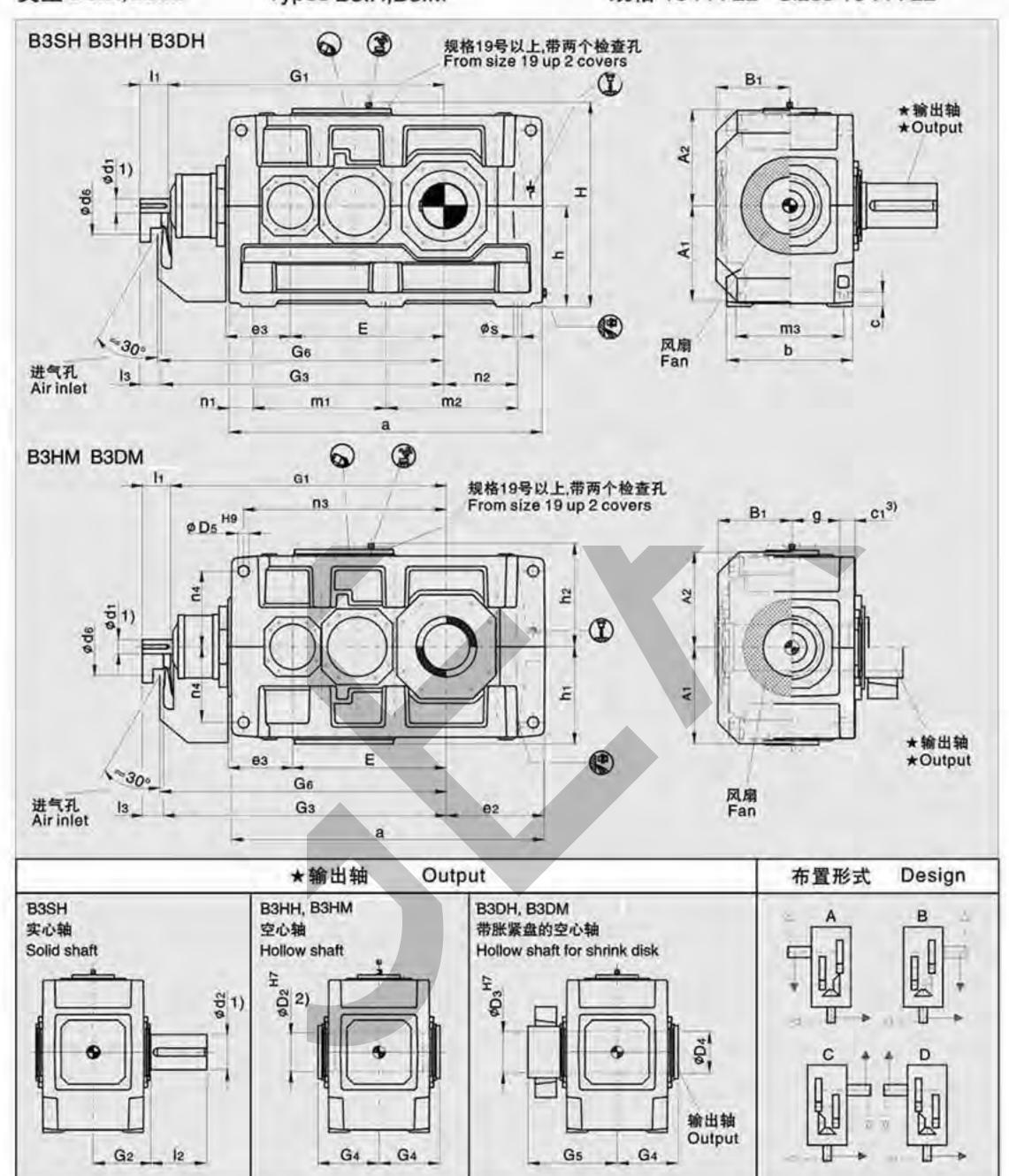
200				尺寸mm	Dimensio	ns in mm				areas to	200
規格				输出	出轴 Out	put				润滑油	重量
Size		B3SH		B3H	H		B3	DH		OII	Weight
2000	d ₂ 1)	G ₂	12	D2 2)	G ₄	D ₃	D ₄	G ₄	G ₅	(1)	(kg)
3	65	125	140	65	125	70	70	125	180	6	130
4	80	140	170	80	140	85	85	140	205	9	210
5	100	165	210	95	165	100	100	165	240	14	325
6	110	165	210	105	165	110	110	165	240	15	380
7	120	195	210	115	195	120	120	195	280	25	550
8	130	195	250	125	195	130	130	195	285	28	635
9	140	235	250	135	235	140	145	235	330	40	890
10	160	235	300	150	235	150	155	235	350	42	1020
11	170	270	300	165	270	165	170	270	400	66	1455
12	180	270	300	180	270	180	185	270	405	72	1730



直交轴齿轮箱 Bevel- Helical Gear Units 类型 B3.H,B3.M Types B3.H,B3.M 三级传动 Three Stage

卧式安装 Horizontal

规格 13...22 Sizes 13...22



1) k6≤ Ф50 m6>Ф50

有关平键 GB/T1095-1979型和中心孔,参见第 87-88 页。 For parallel key GB/T1095-1979 and for center hole, see page 87-88.

- 2) 键槽 GB/T1095-1979。 Keyway GB/T1095-1979.
- 3) 扭力支撑位于工作机侧。 Torque support on driven machine side.





直交轴齿轮箱 Bevel-helical Gear Units 类型 B3.H,B3.M Types B3.H,B3.M

三级传动 Three Stage 卧式安装 Horizontal 规格 13...22 Sizes 13...22

100								尺	4mm	Di	mensio	ons in r	nm							
规格										輸入轴	Inpu	t								_
Size	in=	12.5 -	45	in	=14 - 5	50	in	=16 - 5	56	I IN	=50 - 7	71	İN	=56 - 8	30	in	=63 - 5	90	0.	On.
70.0	d ₁ 1)	No.	la	d: 1)	1)	la	di 1)	h	13	d; 1)	- II	13	d1 1)	h	ls .		- It	la	G ₁	G ₃
13	80	165	130				0.00			60	140	105	1						1125	1160
14							80	165	130							60	140	105	1195	1230
15	90	165	130	Jan. 14			JE			70	140	105						5	1367	1402
16			120	90	165	130		-	-	-	1000		70	140	105				1413	1448
17	110	205	165		-3					80	170	130							1560	1600
18				110	205	165						1	80	170	130				1620	1660
19	130	245	200	to the				1		100	210	165	100		1	++		-	1832	1877
20		E	70.00	130	245	200							100	210	165				1892	1937
21	130	245	200							100	210	165							1902	1947
22				130	245	200							100	210	165				1957	2002

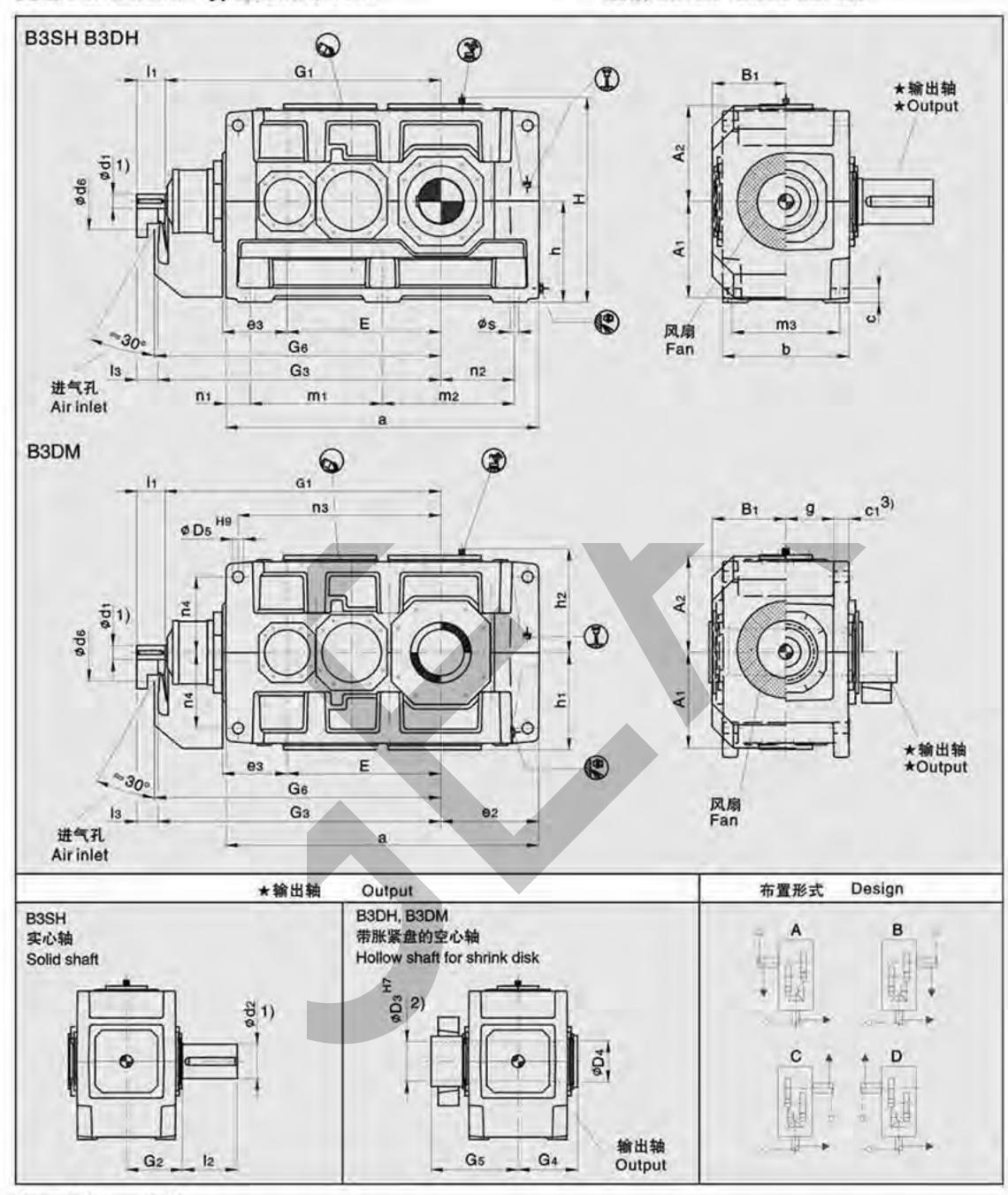
iet 14:						尺寸mm	Dimensi	ons in mn	1				
规格						齿单	箱 Gearu	inits	A				
Size	В	Ai	A2	b	Bt	С	C1	d ₆	D ₅	82	63	E	9
13	1290	425	435	550	325	60	61 ± 2	210	48	405	265	635	211.5
14	1430	425	435	550	325	60	61 ± 2	210	48	475	265	705	211.5
15	1550	485	520	625	365	70	72 ± 2	210	55	485	320	762	238
16	1640	485	520	625	365	70	72 ± 2	210	55	530	320	808	238
17	1740	535	570	690	395	80	81 ± 2	230	55	525	370	860	259
18	1860	535	570	690	395	80	81 ± 2	230	55	585	370	920	259
19	2010	610	630	790	448	90	91 ± 2	245	65	590	420	997	299
20	2130	610	630	790	448	90	91 ± 2	245	65	650	420	1057	299
21	2140	690	690	830	473	100	100 ± 2	280	75	655	450	1067	310
22	2250	690	690	830	473	100	100±2	280	75	710	450	1122	310

401.44						尺寸mm	Dimensio	ns in mm					
规格						齿轮	箱 Gear	units					
Size	G ₆	h	hı	h2	Н	mı	m2	ma	TI .	n2	ns:	N4	S
13	1180	440	450	460	900	545	545	475	100	305	835	340	35
14	1250	440	450	460	900	545	685	475	100	375	905	340	35
15	1420	500	490	500	1000	655	655	535	120	365	1005	375	42
16	1470	500	490	500	1000	655	745	535	120	410	1050	375	42
17	1620	550	555	560	1110	735	735	600	135	390	1145	425	42
18	1680	550	555	560	1110	735	855	600	135	450	1205	425	42
19	1900	620	615	620	1240	850	850	690	155	435	1345	475	48
20	1960	620	615	620	1240	850	970	690	155	495	1405	475	48
21	1970	700	685	690	1390	900	900	720	170	485	1400	520	56
22	2025	700	685	690	1390	900	1010	720	170	540	1455	520	56

规格				尺寸mm 輸出		ions in mr tput	n			1 000	P油 NII	100	量 lght
Size		B3SH		ВЗНН	взнм		B3DH	ВЗДМ		B3.H	B3.M	B3.H	B3.M
-111	D ₂ 1)	Gż	la	D ₂ ²)	G4	Da	D4	Gi	G ₅	(1)	(1)	(kg)	(kg)
13	200	335	350	190	335	190	195	335	480	130	110	2380	2260
14	210	335	350	210	335	210	215	335	480	140	115	2750	2615
15	230	380	410	230	380	230	235	380	550	210	160	3730	3540
16	240	380	410	240	380	240	245	380	550	220	165	3955	3765
17	250	415	410	250	415	250	260	415	600	290	230	4990	4760
18	270	415	470	275	415	280	285	415	600	300	235	5495	5240
19	290	465	470		-	285	295	465	670	380	360	6240	6050
20	300	465	500	300	10.50	310	315	465	670	440	420	6950	6710
21	320	490	500	100	-	330	335	490	715	370	420	8480	8190
22	340	490	550	· ->-		340	345	490	725	430	490	9240	8950



直交轴齿轮箱 Bevel-helical Gear Units 类型 B3.H, B3.M Types B3.H, B3.M 三级传动 Three Stage 卧式安装 Horizontal 规格 23..26 Sizes 23...26



1) ke≤ Φ50 me>Φ50

有关平键 GB/T1095-1979型和中心孔,参见第 87-88 页。 For parallel key GB/T1095-1979 and for center hole,see page 87-88.

- 2) 键槽 GB/T1095-1979。 Keyway GB/T1095-1979.
- 3) 扭力支撑位于工作机侧。 Torque support on driven machine side.





直交轴齿轮箱 Bevel-helical Gear Units 类型 B3.H,B3.M Types B3.H,B3.M

三级传动 Three Stage 卧式安装Horizontal

规格 23...26 Sizes 23...26

757.5						尺寸	mm Dim	ensions in	mm					
規格							输入轴	Input						
Size		in=20-45		- 1	N=22.4-5	0		IN=50-71			in=56-80)		0.
	di 1)	- R	13	d ₁ t)	_ lo_	13	d1 1)	- It	13	d1 1)	lt.	13	G ₁	G3
23	150	245	200				110	210	165				2130	2175
24				150	245	200				110	210	165	2195	2240
25	150	245	200				110	210	165				2270	2315
26	1			150	245	200				110	210	165	2360	2405

No. 16						尺寸 mn	n Dimension	s in mm					
規格 Size						齿轮	箱 Geart	inits					
3126	а	A ₁	A2	b	Bı	C	C1	de	D ₅	62	93	E	9
23	2380	770	770	930	528	115	120±2	350	80	730	490	1185	342
24	2510	770	770	930	528	115	120±2	350	80	795	490	1250	342
25	2580	845	865	1045	585	130	120±2	380	90	790	490	1325	400
26	2760	845	865	1045	585	130	120±2	380	90	880	490	1415	400

10.14						尺寸mm	Dimension	s in mm					
规格 Size						齿轮	箱 Gear	units					
3126	G6	h	hi	h2	н	mı	m2	ma	nı .	nz	na	N4	S
23	2200	780	770	790	1570	1010	1010	810	180	550	1560	580	56
24	2265	780	770	790	1570	1010	1140	810	180	615	1625	580	56
25	2315	860	860	860	1720	1090	1090	910	200	590	1685	660	66
26	2430	860	860	860	1720	1090	1270	910	200	680	1775	660	66

in it			尺寸mr	m Dimension 輸出轴 Outp				润滑	由 Oil	重量	Weight
規格 Size		B3SH		I STATE OF THE STA		B3DM		B3.H	B3.M	B3.H	B3.M
	d2 1)	G ₂	12	D3	D4	G4	G ₅	(1)	(1)	(kg)	(kg)
23	360	540	590	360	365	540	785	520	560	11500	10600
24	380	540	590	380	385	540	805	600	650	13400	12500
25	400	605	650	400	405	605	875	720	790	16000	15100
26	420	605	650	430	435	605	900	840	920	17500	16400

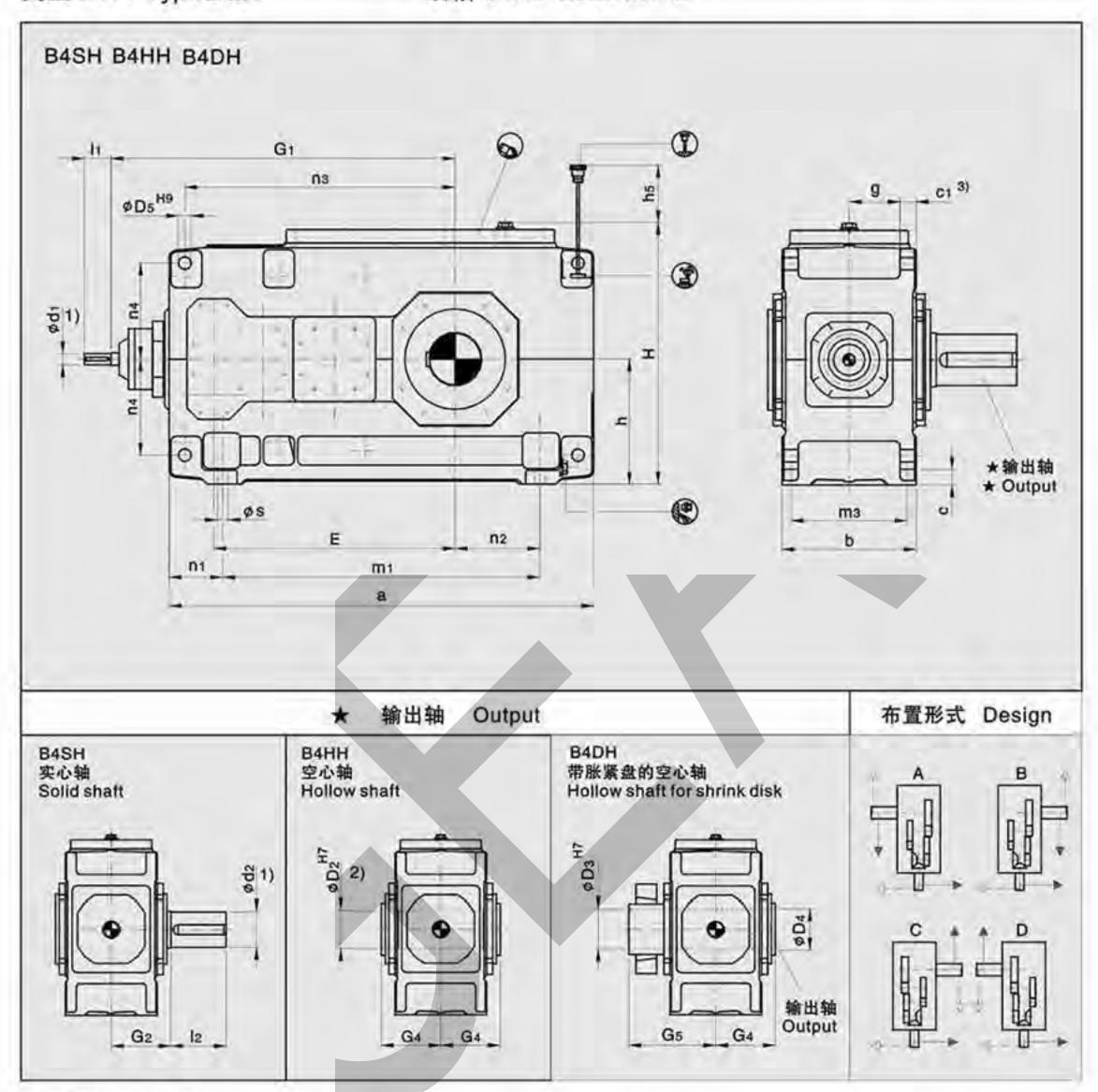




直交轴齿轮箱 Bevel-helical Gear Units 四级传动 Four Stage 卧式安装 Horizontal

类型 B4.H Type B4.H

规格 5...12 Sizes 5...12



1) ke≤Φ50 me>Φ50

有关平键 GB/T1095-1979型和中心孔,参见第 87-88 页。 For parallel key GB/T1095-1979 and for center hole, see page 87-88

- 2) 鍵槽 GB/T1095-1979。 Keyway GB/T1095-1979.
- 3) 扭力支撑位于工作机侧。 Torque support on driven machine side.





直交轴齿轮箱 Bevel-helical Gear Units 四级传动 Four Stage 卧式安装 Horizontal

类型 B4.H

Type B4.H

规格5...12 Sizes 5...12

				尺寸 mr	m Dimension	s in mm			
规格					角入轴 Inpu	it			Ų.
Size	in = 80	180	in = 10	0-224	in = 20	0-315	in = 25	0 – 400	G ₁
	d1 1)	h	di 1)	lt .	d1 1)	В	di 1)	lt .	01
5	28	55			20	50			615
6			28	55			20	50	650
7	30	70			25	60			725
8			30	70			25	60	770
9	35	80			28	60	2 - 1		840
10			35	80			28	60	890
11	45	100			35	80	JE B		1010
12			45	100			35	80	1080

14.74							尺寸mn	1 0	imensi	ons in n	nm						
规格 Size							齿	轮箱	Gear	units							
3120	а	b	C	C ₁	D ₅	E	g	h	hs.	Н	mı	ma	N1	N2	na	D4	s
5	690	255	28	30 ± 1	24	405	97.5	230	100	482	480	220	105	100	455	180	19
6	770	255	28	30 ± 1	24	440	97.5	230	100	482	560	220	105	145	490	180	19
7	845	300	35	36 ± 1	28	495	114	280	140	572	605	260	120	130	560	215	24
8	950	300	35	36 ± 1	28	540	114	280	130	582	710	260	120	190	605	215	24
9	1000	370	40	45 ± 1.5	36	580	140	320	135	662	710	320	145	155	660	245	28
10	1100	370	40	45 ± 1.5	36	630	140	320	135	662	810	320	145	205	710	245	28
11	1200	430	50	54 ± 1.5	40	705	161	380	170	782	870	370	165	180	805	300	35
12	1355	430	50	54 ± 1.5	40	775	161	380	160	790	1025	370	165	265	875	300	35

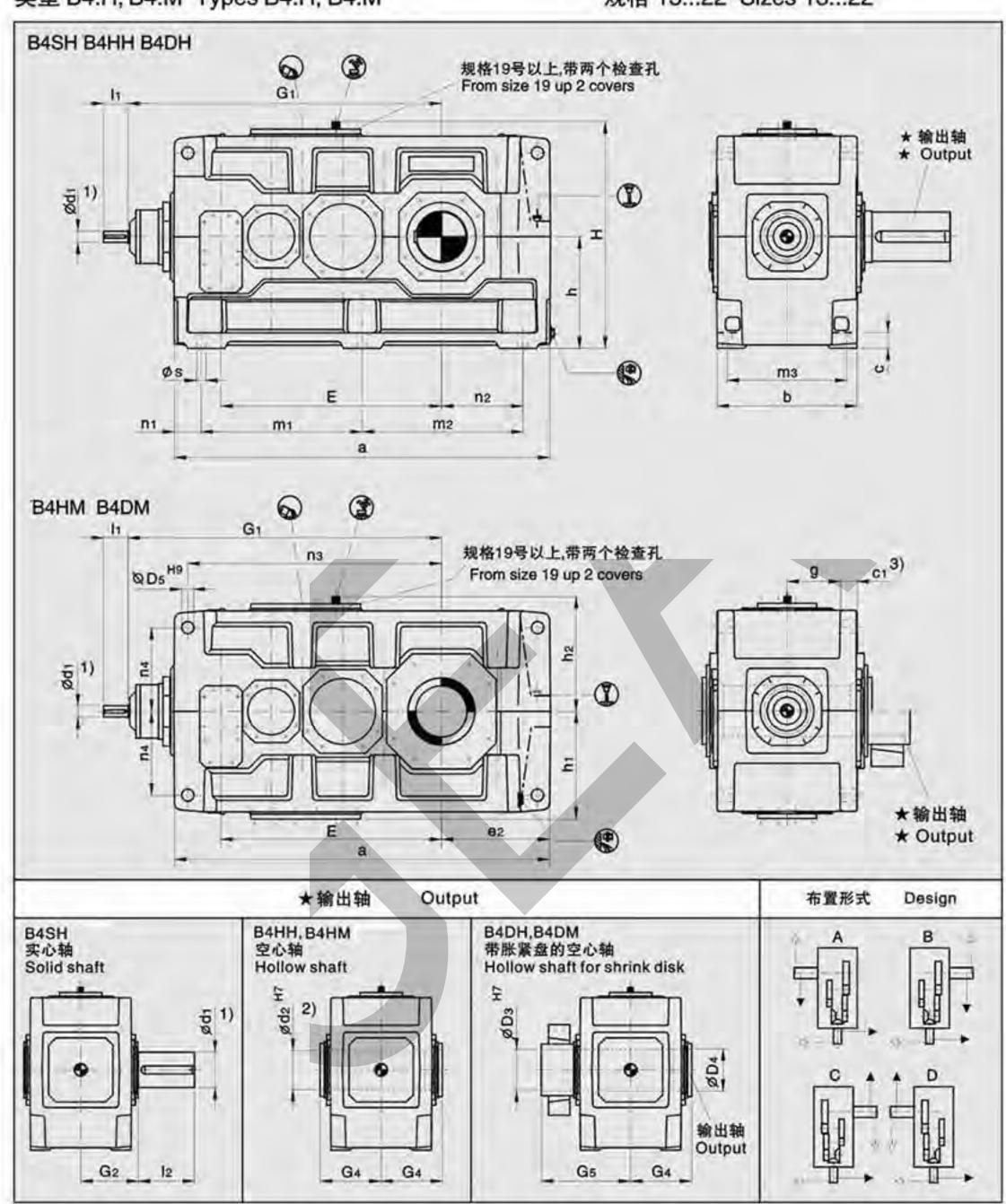
				尺寸mm	Dimensio	ns in mm				E CV	444
规格				輸	出轴 Out	out				润滑油	重量
Size		B4SH		B4	НН		B4	DH		Oil	Weight
COS	d2 1)	G2	12	D2 2)	G4	D3	D4	G4	G5	(1)	(kg)
5	100	165	210	95	165	100	100	165	240	16	335
6	110	165	210	105	165	110	110	165	240	18	385
7	120	195	210	115	195	120	120	195	280	30	555
8	130	195	250	125	195	130	130	195	285	33	655
9	140	235	250	135	235	140	145	235	330	48	890
10	160	235	300	150	235	150	155	235	350	50	1025
11	170	270	300	165	270	165	170	270	400	80	1485
12	180	270	300	180	270	180	185	270	405	90	1750



直交轴齿轮箱 Bevel-helical Gear Units 类型 B4.H, B4.M Types B4.H, B4.M 四级传动 Four Stage

卧式安装 Horizontal

规格 13...22 Sizes 13...22



1) k6≤Φ50 m6>Φ50

有关平键 GB/T1095-1979型和中心孔,参见第 87-88 页。 For parallel key GB/T1095-1979 and for center hole, see page 87-88 .

- 2) 鍵槽 GB/T1095-1979。 Keyway GB/T1095-1979.
- 3) 扭力支撑位于工作机侧。 Torque support on driven machine side.





直交轴齿轮箱 Bevel-helical Gear Units 类型 B4,H,B4.M Types B4.H.B4.M

四级传动 FourStage

卧式安装 Horizontal

规格 13...22 Sizes 13...22

					1	त्र mm	Dimensio	ons in mm					
规格						輸入	轴 Inj	put					
Size	in=80	-180	in=90	-200	in=100)-224	in=20	0-315	in=224	1-355	in=25	0-400	
0.00	d1 1)	ft	d1 1)	li-	di ti	11	d1 1)	li	d1 1)	11	d1 1)	11	Gi
13	55	110					40	100					1170
14					55	110					40	100	1240
15	70	135					50	110					1402
16			70	135					50	110			1448
17	70	135					50	110					1450
18	11		70	135			F-975		50	110			1510
19	80	165			7		60	140					1680
20			80	165					60	140			1740
21	.90	165					70	140					1992
22	1000		90	165					70	140			2047

In the				尺寸 m	m Dimen	sions in mm				
规格				t	b轮箱 Gea	er units				
Size	a	ь	C	CI	D ₆	02	E	g	h	hı
13	1395	550	60	61±2	48	405	820	211.5	440	450
14	1535	550	60	61±2	48	475	890	211.5	440	450
15	1680	625	70	72±2	55	485	987	238	500	490
16	1770	625	70	72±2	55	530	1033	238	500	490
17	1770	690	80	81±2	55	525	1035	259	550	555
18	1890	690	80	81 ± 2	55	585	1095	259	550	555
19	2030	790	90	91±2	65	590	1190	299	620	615
20	2150	790	90	91±2	65	650	1250	299	620	615
21	2340	830	100	100±2	75	655	1387	310	700	685
22	2450	830	100	100±2	75	710	1442	310	700	685

Arrishe .				尺寸m	m Dimens	ions in mm				
规格 Size				1	齿轮箱 Gea	runits				
Size	h2	н	m1	m2	ma	nı	n2	na	n4	S
13	460	900	597.5	597.5	475	100	305	940	340	35
14	460	900	597.5	737.5	475	100	375	1010	340	35
15	500	1000	720	720	535	120	365	1135	375	42
16	500	1000	720	810	535	120	410	1180	375	42
17	560	1110	750	750	600	135	390	1175	425	42
18	560	1110	750	870	600	135	450	1235	425	42
19	620	1240	860	860	690	155	435	1365	475	48
20	620	1240	860	980	690	155	495	1425	475	48
21	690	1390	1000	1000	720	170	485	1615	520	56
22	690	1390	1000	1110	720	170	540	1670	520	56

				尺寸mm	Dimensi	ons in mm				润污	骨油	重	量
规格)		製	出轴	Oi	itput				100.00	Dil	We	ight
Size		B4SH		В4НН	В4НМ		B4DH	B4DM		B4.H	B4.M	B4.H	B4.M
	d1 1)	G2	12	D2 2)	G4	D ₃	D4	G4	G ₅	(1)	(1)	(kg)	(kg)
13	200	335	350	190	335	190	195	335	480	145	120	2395	2280
14	210	335	350	210	335	210	215	335	480	150	125	2735	2605
15	230	380	410	230	380	230	235	380	550	230	170	3630	3435
16	240	380	410	240	380	240	245	380	550	235	175	3985	3765
17	250	415	410	250	415	250	260	415	600	295	230	4695	4460
18	270	415	470	275	415	280	285	415	600	305	235	5200	4930
19	290	465	470	- t	-	285	295	465	670	480	440	5750	5400
20	300	465	500	134	58	310	315	465	670	550	510	6450	6000
21	320	490	500	100		330	335	490	715	540	590	7850	7350
22	340	490	550		-3	340	345	490	725	620	680	8400	7850

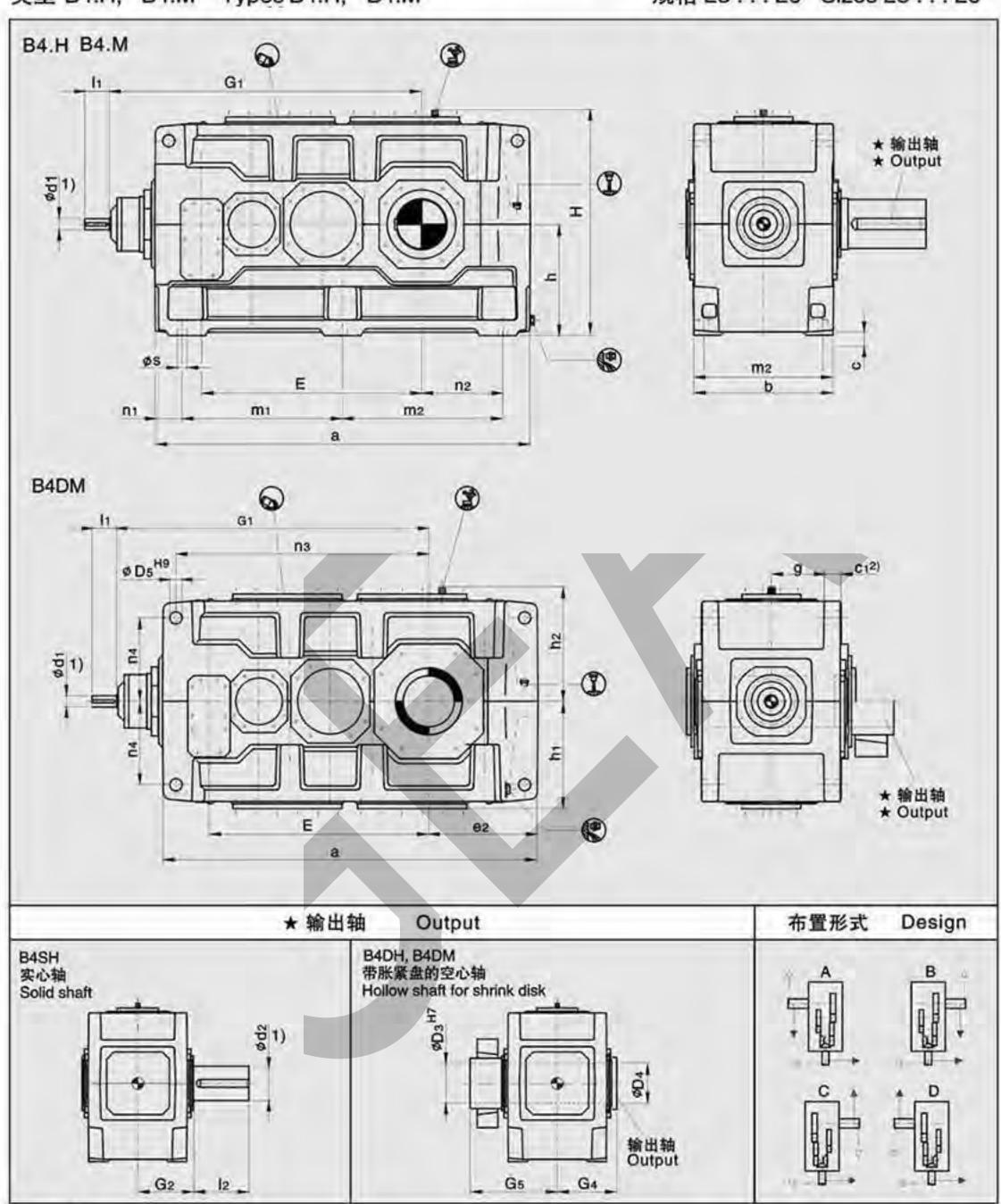


TRANSMISSION

直交轴齿轮箱 Bevel- Helical Gear Units 类型 B4.H, B4.M Types B4.H, B4.M

四级传动 Four Stage 卧式安装 Horizontal

规格 23 ... 26 Sizes 23 ... 26



1) k6≤ Ф50 m6>Ф50

有关平键 GB/T1095-1979型和中心孔,参见第 87-88 页。 For parallel key GB/T1095-1979 and for center hole,see page 87-88.

- 2) 鍵槽 GB/T1095-1979。 Keyway GB/T1095-1979.
- 3) 扭力支撑位于工作机侧。 Torque support on driven machine side.





直交轴齿轮箱 Bevel-helical GearUnits 类型 B4.H, B4.M Types B4.H, B4.M

四级传动 Four Stage

卧式安装 Horizontal

规格 23...26 Sizes 23...26 IN= 200-315

					114- 200				
				尺寸mm	Dimensions in	mm			
规格 Size				1	輸入轴 Input				
Size	IN=80-18	30	in=90-2	200	in=200	-315	in=224	-355	٥.
	d1 1)	lt .	d1 1)	ti	d1 1)	ь	dt 1)	fi	G1
23	90	165			70	140			2110
24			90	165			70	140	2175
25	110	205			80	170			2395
26			110	205			80	170	2485

0 F 8 8	尺寸mm Dimensions in mm													
规格 Size					齿轮箱(Bear units								
0,20	a	b	c	C1	D ₅	62	E	9	h	hı				
23	2530	930	115	120±2	80	730	1505	342	780	770				
24	2660	930	115	120±2	80	795	1570	342	780	770				
25	2830	1045	130	120±2	80	790	1695	400	860	860				
26	3010	1045	130	120±2	80	880	1785	400	860	860				

4.0		尺寸mm Dimensions in mm													
规格 Size					齿轮箱G	ear units									
9.65	h2	н	mi	m2	ma	nı	n2	n3	D4	8					
23	790	1570	1085	1085	810	180	550	1725	580	56					
24	790	1570	1085	1215	810	180	615	1790	580	56					
25	860	1720	1215	1215	910	200	590	1965	660	66					
26	860	1720	1215	1395	910	200	680	2055	660	66					

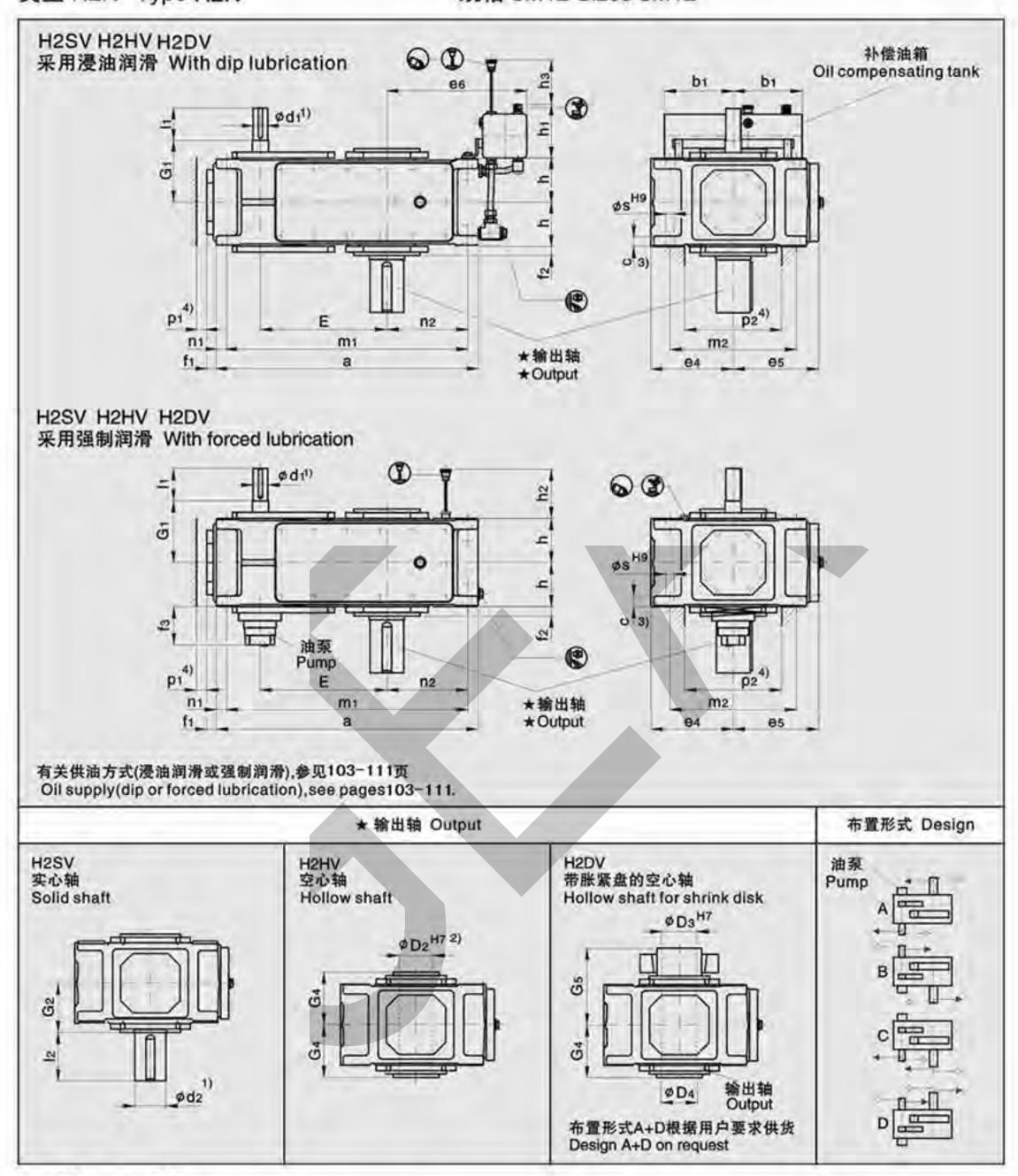
			尺寸mm D	imensions i	n mm			200 200, 24	011	-	Molaht
规格	9		輸出轴	0	utput			润滑油	Oil	ALM V	Veight
Size		B4SH			B4DH B	B4DM		B4.H	B4.M	B4.H	B4.M
	d2 1)	G ₂	12	D2	Da	G4	G5	(1)	(1)	(kg)	(kg)
23	360	540	590	360	365	540	785	710	790	11600	10700
24	380	540	590	360	365	540	805	810	910	13500	12600
25	400	605	650	400	405	605	875	1000	1110	16100	15200
26	420	605	650	430	435	605	900	1100	1200	17600	16500





二级传动 Two Stage 规格 3...12 Sizes 3...12

立式安装 Vertical



1) k6≤Ф50 m6>Ф50

有关平键 GB/T1095-1979型和中心孔,参见第 87-88 页。 For parallel key GB/T1095-1979 and for center hole,see page 87-88.

- 2) 键槽 GB/T1095-1979 Keyway GB/T1095-1979.
- 3) 扭力支撑位于工作机侧 Torque support on driven machine side.
- 4) 有关油泵、油管和护盖的安装空间及确切尺寸,请与我们联系。 Space for pump,pipes and cover; for exact dimensions,please refer to us.





二级传动 Two Stage

立式安装 Vertical

规格 3...12 Sizes 3...12

				尺寸 mn	n Dimension	s in mm			
规格				#	的入轴 Inpu	ıt			
Size	N = 6.3	3 - 11.2	N = 1	8-14	N = 12.	5 - 22.4	N = 1	6 - 28	G.
	d ₁ 1)	44	d ₁ 1)	14	d ₁ 1)	11	d ₁ 1)	11	G ₁
3	35	60			28	50			135
4	45	100			32	80			170
5	50	100			38	80			195
6			. 50	100			38	80	195
7	60	135			50	110			210
8			60	135			50	110	210
9	75	140			60	140			240
10	1		75	140			60	140	240
11	90	165			70	140			275
12			90	165			70	140	275

10.00				尺寸mm	Dimen	sions in mm	4			
规格 Size				齿车	仑籍 Ge	ar units				
5126	а	b ₁	C	64	05	96	E	11	12	13
3	450	150	24 ± 1	175	185	290	220	28	20	- 40
4	565	150	30 ± 1	200	215	320	270	28	22	(-)
5	640	240	30 ± 1	230	252	385	315	38	28	150
6	720	240	30 ± 1	230	252	425	350	38	28	150
7	785	240	36 ± 1	280	292	425	385	42	30	145
8	890	240	36 ± 1	280	302	485	430	42	32	145
9	925	330	45 ± 1.5	320	342	560	450	42	32	135
10	1025	330	45 ± 1.5	320	342	610	500	42	32	135
11	1105	330	54 ± 1,5	380	402	595	545	48	35	145
12	1260	330	54 ± 1.5	380	410	680	615	48	35	145

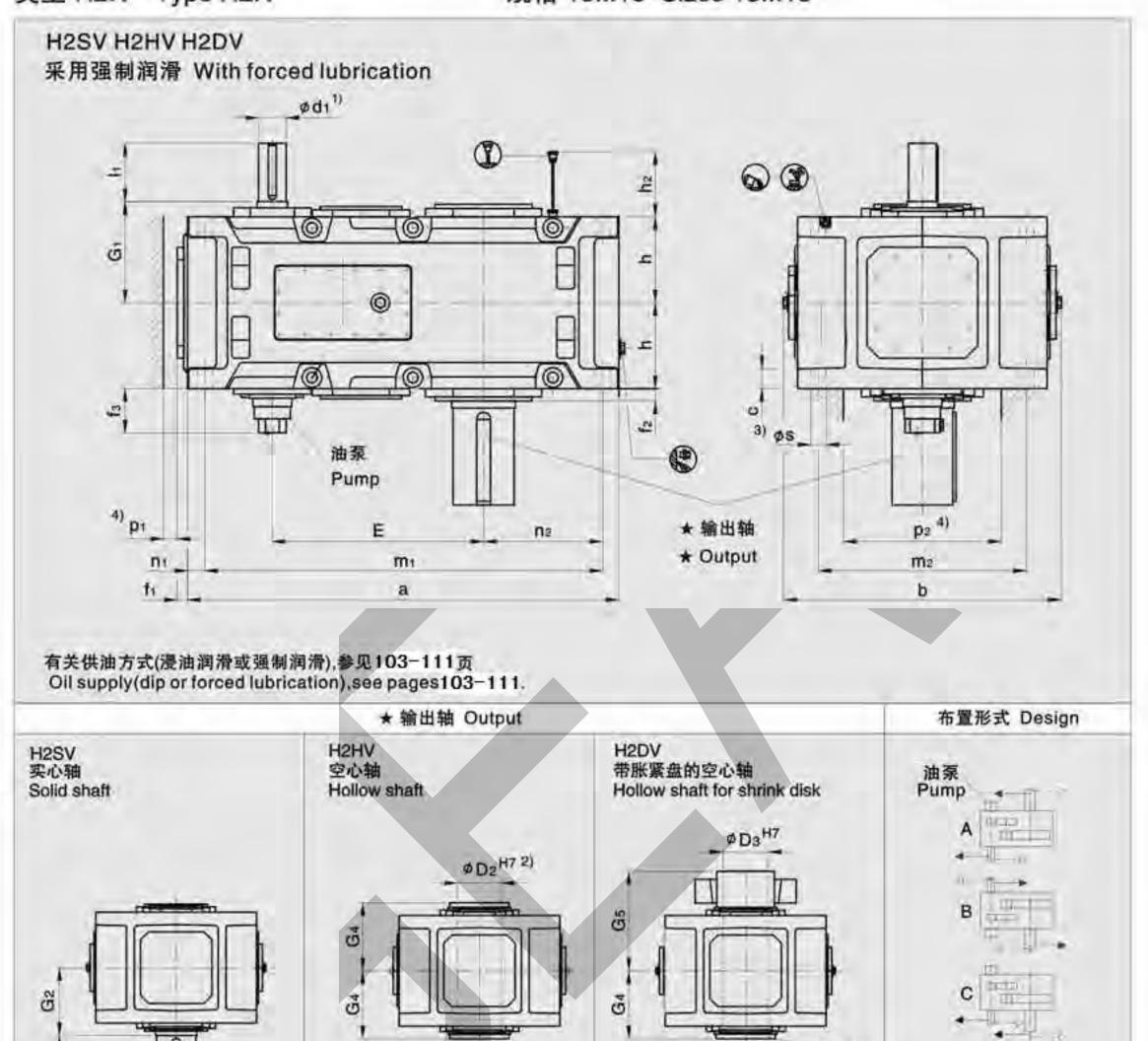
in the					尺寸mm	Dimensi	ons in mm				
规格 Size					齿轮	iii Gea	units				
5126	h	h ₁	h ₂	h ₃	m ₁	m ₂	D ₁	n ₂	P1 ⁴⁾	p ₂ ⁴⁾	5
3	95	165	-	180	410	265	20	125	35	210	18
4	107.5	165	-	180	505	300	30	160	35	220	24
5	127.5	205	190	240	580	360	30	175	35	270	24
6	127.5	205	190	240	660	360	30	220	35	270	24
7	150	205	165	250	715	430	35	215	35	330	28
8	150	205	165	250	820	430	35	275	35	330	28
9	185	275	205	330	845	490	40	260	40	370	36
10	185	275	205	330	945	490	40	310	40	370	36
11	215	275	240	340	1005	600	50	295	50	440	40
12	215	275	240	340	1160	600	50	380	50	440	40

- A			尺寸	mm Dime	nsions in i	mm				润滑剂	由 Oil	10.55
规格				輸出輸		Output				漫油浸润	强制润滑	重量
Size	1 1 1	H2SV		H2H	-IV		H2l	DV		Dip lubrication	Forced lubrication	Weight
700	d ₂ 1)	G ₂	l ₂	D ₂ 2)	G ₄	D ₃	D ₄	G ₄	G ₅	(1)	(1)	(kg)
3	65	125	140	65	125	70	70	125	180	14	-	115
4	80	140	170	80	140	85	85	140	205	25		190
5	100	165	210	95	165	100	100	165	240	23	10	300
6	110	165	210	105	165	110	110	165	240	27	. 11	355
7	120	195	210	115	195	120	120	195	280	58	22	505
8	130	195	250	125	195	130	130	195	285	62	25	590
9	140	235	250	135	235	140	145	235	330	100	42	830
10	160	235	300	150	235	150	155	235	350	110	46	960
11	170	270	300	165	270	165	170	270	400	160	60	1335
12	180	270	300	180	270	180	185	270	405	180	70	1615





二级传动Two Stage 规格 13...18 Sizes 13...18 立式安装 Vertical



1) k6≤Φ50 m6>Φ50

24

有关平键 GB/T1095-1979型和中心孔,参见第 87-88页。 For parallel key GB/T1095-1979 and for center hole, see page 87-88。

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

Ød2

- 3) 扭力支撑位于工作机侧 Torque support on driven machine side.
- 4) 有关油泵、油管和护盖的安装空间及确切尺寸,请与我们联系。 Space for pump,pipes and cover; for exact dimensions,please refer to us.

ØD4

布置形式A+D 根据用户要求供货

Design A+D on request

輸出輸

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





两级传动 Two Stage 规格 13...18Sizes 13...18

						尺寸mm	Dimensio	ns In mm					
规格						输入	神	nput			5		
Size	in=6.3	-11.2	In=7.1	-12.5	in=i	8-14	IN=12	5-20	in=14	-22.4	in=16	6-25	0.
	d1 1)	ly	d1 1)	h	d1 1)	lı lı	d1 1)	h	di 1)	h	d1 1)	h	Gı
13	100	205					85	170					330
14					100	205	-	1 - 11			85	170	330
15	120	210					100	210					365
16			120	210					100	210			365
17	125	245				110		210	-				420
18			125	245					110	210			420
19								1					
20						根据用户要求供货							
21						On request							
22											4		

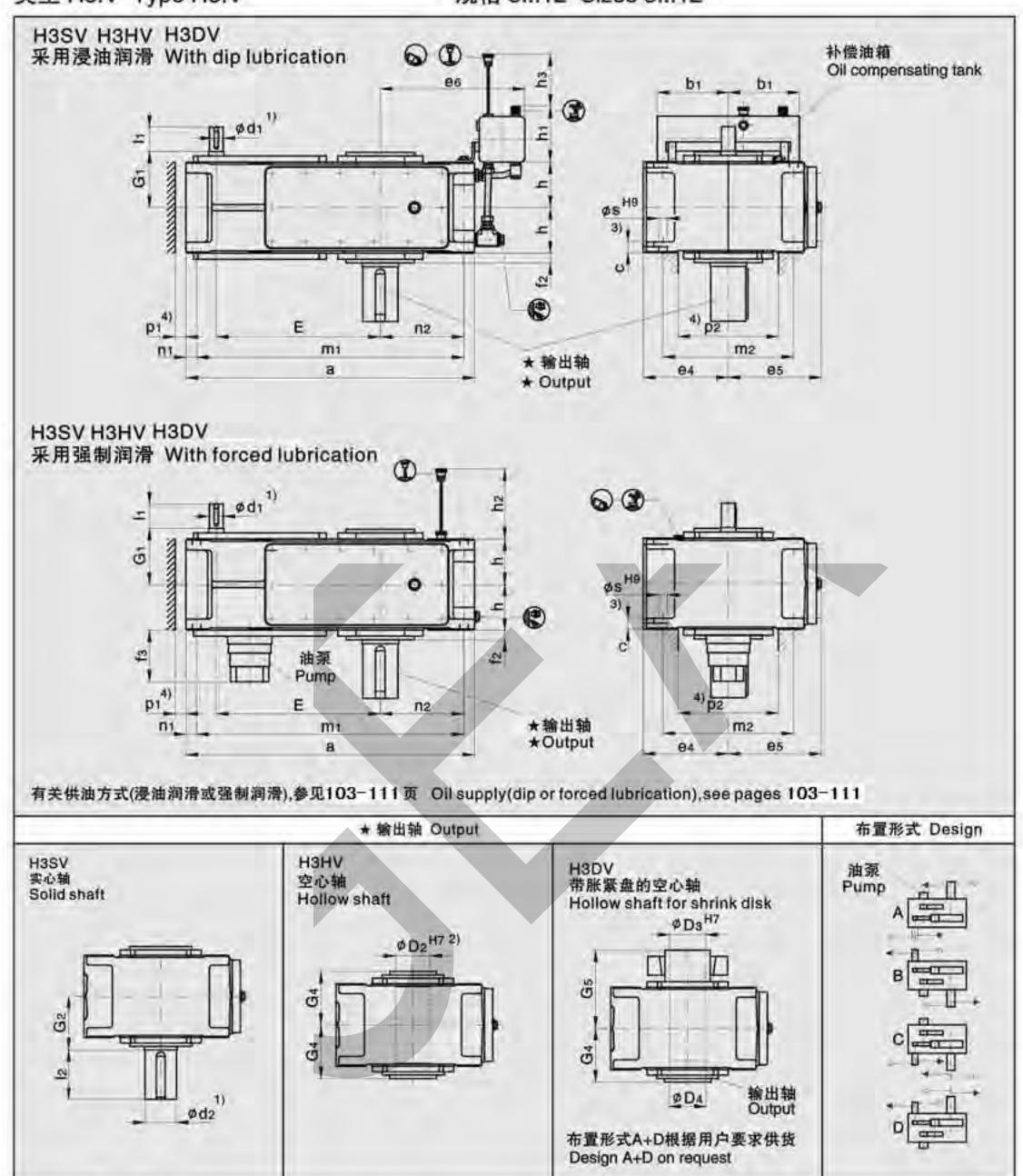
im in						F	4mm	Dime	ensions	in mm						
规格 Size							齿轮	箱(Gear un	its						
SIZU	a	b	C	E	-t+	f2	fa	h	h2	mı	m ₂	nı	na	p1 4)	pg 4)	S
13	1290	900	61 ± 2	635	53	35	130	272.5	300	1195	680	50	360	50	500	48
14	1430	900	61 ± 2	705	53	35	130	272.5	300	1335	680	50	430	50	500	48
15	1550	980	72 ± 2	762	63	42	130	310	340	1435	750	60	430	50	570	55
16	1640	980	72 ± 2	808	63	42	130	310	340	1525	750	60	475	50	570	55
17	1740	1110	81 ± 2	860	60	42	170 340 374		374	1610	850	70	465	70	630	55
18	1860	1110	81 ± 2	920	60	42	170	340	374	1730	850	70	525	70	630	55
19																
20							根据用户要求供货 On request									
21																
22																

Sec. 7.1			F	24 mm	Dime	nsions in mr	n			-	
规格				输出轴		Output	润滑油	重量			
Size		H2SV		H2F	(V 5)		Hal		Oil	Weight	
	d21)	G ₂	2	D2 2)	G4	Da	D4	G ₄	G ₅	(1)	(kg)
13	200	335	350	190	335	190	195	335	480	80	1880
14	210	335	350	210	335	210	215	335	480	90	2430
15	230	380	410	230	380	230	235	380	550	140	3240
16	240	380	410	240	380	240	245	380	550	150	3465
17	250	415	410	250	415	250	260	415	600	175	4420
18	270	415	470	275	415	280	285	415	600	185	4870
19			L 1								
20					根据用户	要求供货					
21					On re	quest					
22											





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



- 1) k6≤Φ50 m6>Φ50
 - 有关平键 GB/T1095-1979型和中心孔,参见第 87-88 页。 For parallel key GB/T1095-1979 and for center hole, see page 87-88
- 2) 键槽 GB/T1095-1979 Keyway GB/T1095-1979
- 3) 扭力支撑位于工作机侧 Torque support on driven machine side.
- 4) 有关油泵、油管和护盖的安装空间及确切尺寸,请与我们联系 Space for pump,pipes and cover;for exact dimensions,pleaxe refer to us.





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

					R	寸mm	Dimensio	ns in mm					
规格						输入	轴 Inp	out					
Size	N=25	5 - 45	in = 31	.5 - 56	IN = 50	0 - 63	IN = 6	3 - 80	IN = 7	1-90	IN = 90	-112	100
	D ₁ 1)	- Ic	d(1)	le	d11)	- It	d ₁ 1)	- fi	d ₁ 1)	li -	dr1)	fr -	Gi
5	40	70			30	50			24	40			160
6			40	70			30	50			24	40	160
7	45	80			35	60			28	50			185
8	-		45	80			35	60			28	50	185
9	60	125			45	100			32	80)		230
10			60	125			45	100			32	80	230
11	70	120			50	80			42	70		3	255
12			70	120			50	80			42	70	255

am atr				尺寸	mm	Dimensions in	n mm			
规格					齿轮箱	Gear units				
Size	а	bı	c	- 84	0 5	68	E	f2	fa	h
5	690	240	30 ±1	230	252	385	405	28	190	127.6
6	770	240	30 ±1	230	252	425	440	28	190	127.5
7	845	240	36 ±1	280	292	425	495	30	185	150
8	950	240	36 ±1	280	312	485	540	32	185	150
9	1000	330	45 ± 1.5	320	342	560	580	32	170	185
10	1100	330	45 ± 1.5	320	342	610	630	32	170	185
11	1200	330	54 ± 1.5	380	402	595	705	35	170	215
12	1355	330	54 ±1.5	380	410	680	775	35	170	215

40146				尺寸	mm I	Dimensions in	mm			
规格					齿轮箱	Gear units	S			
Size	hr	ha	ha	mı	W5	nı	nz.	P1 4)	p2 4)	S
5	205	190	240	630	360	30	175	35	270	24
6	205	190	240	710	360	30	220	35	270	24
7	205	165	250	775	430	35	215	35	330	28
8	205	165	250	880	430	35	275	35	330	28
9	275	205	330	920	490	40	260	40	370	36
10	275	205	330	1020	490	40	310	40	370	36
11	275	240	340	1100	600	50	295	50	440	40
12	275	240	340	1255	600	50	380	50	440	40

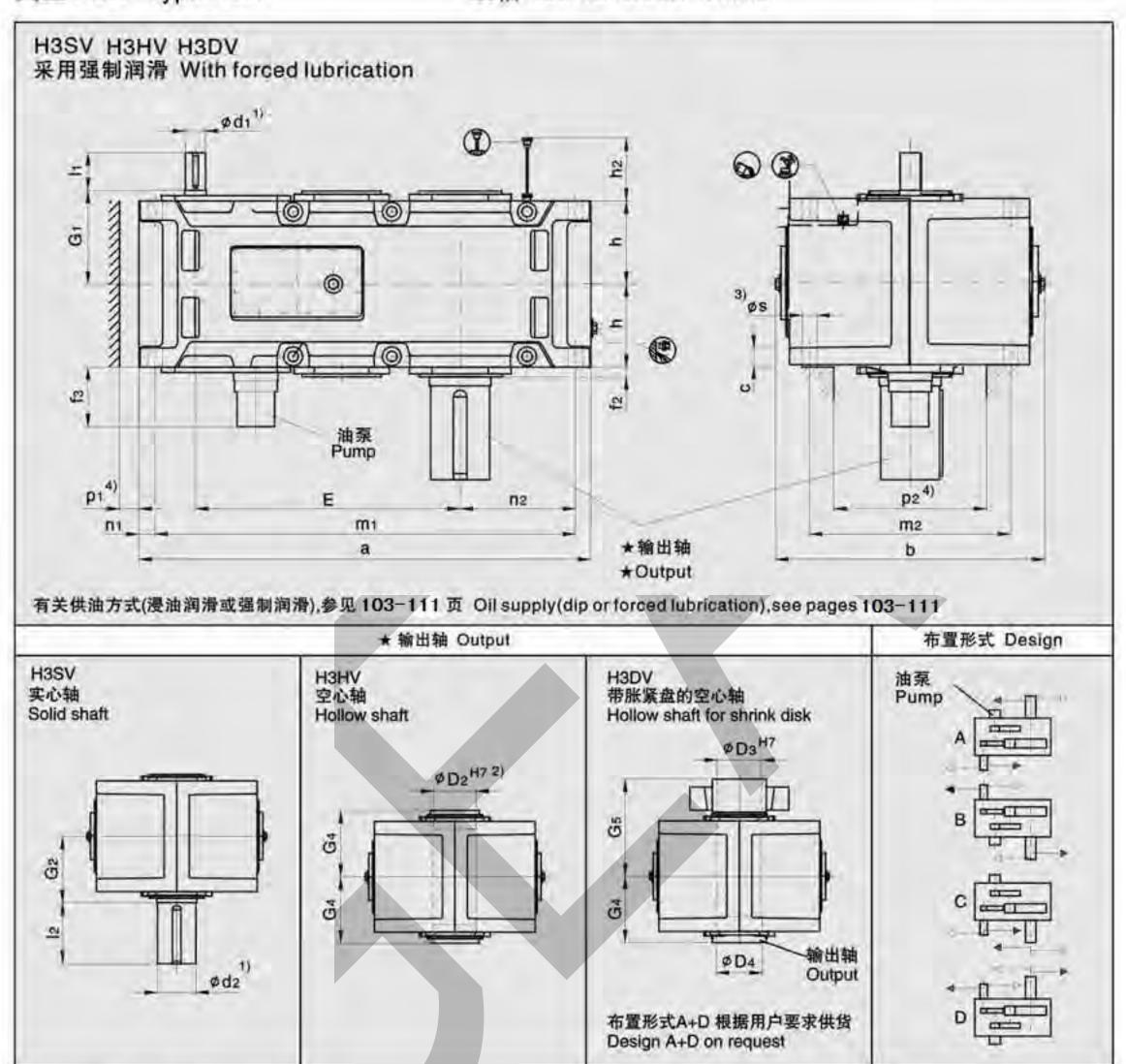
			尺寸m	ım	Dimen	sions in n	nm			润滑	油 OII	10.85
规格				輸出軸	0	utput				漫油润滑	强制润滑	重量
Size		H3SV		НЗН	1V	/	H3	DV.		Dip lubrication	Forced lubrication	Weight
	d2 1)	G ₂	12	D2 2)	G4	D3	D4	G4	G5	(1)	(1)	(kg)
5	100	165	210	95	165	100	100	165	240	35	13	320
6	110	165	210	105	165	110	110	165	240	37	15	365
7	120	195	210	115	195	120	120	195	280	60	25	540
8	130	195	250	125	195	130	130	195	285	72	30	625
9	140	235	250	135	235	140	145	235	330	100	40	875
10	160	235	300	150	235	150	155	235	350	110	45	1020
11	170	270	300	165	270	165	170	270	400	170	66	1400
12	180	270	300	180	270	180	185	270	405	190	75	1675





三级传动 Three Stage 规格 13...18 Sizes 13...18

立式安装 Vertical



1) k6≤ Ф50 m6> Ф50

有关平键 GB/T1095-1979型和中心孔,参见第 87-88 页。 For parallel key GB/T1095-1979 and for center hole,see page 87-88

- 2) 键槽 GB/T1095-1979 Keyway GB/T1095-1979.
- 3) 扭力支撑位于工作机侧 Torque support on driven machine side.
- 4) 有关油泵、油管和护盖的安装空间及确切尺寸。请与我们联系 Space for pump, pipes and cover;for exact dimensions,please refer to us.





三级传动 Three Stage 规格 13...18 Sizes 13...18

								尺寸	mm D	imensi	ions in r	nm							
规格									输。	入轴 In	put								
Size	in=22	4-45	in=2	in=25-50		3-56	in=50	0-63	IN=5	6-71	in=6	3-80	IN=7	1-90	iN=80	-100	in=90	-112	
	di 1)	li.	d1 1)	h	d1 1)	h	dt 1)	16	d1 1)	. It	d(1)	lt	di 1)	19	d1 1)	. It	d1 1)	h	G1
13	85	160					60	135	1. 71				50	110			1.00		310
14			- = +		85	160			-		60	135	100				50	110	310
15	100	200	-				75	140					60	140		San Tra	T = T		350
16			100	200					75	140					60	140			350
17	100	200					75	140	-				60	140	-				380
18			100	200					75	140					60	140			380
19						7-	-					-				EH	7-1		
20	1 - 1							根据	用户要求	供货									
21								0	n reque	st									200
22	-		- 1																

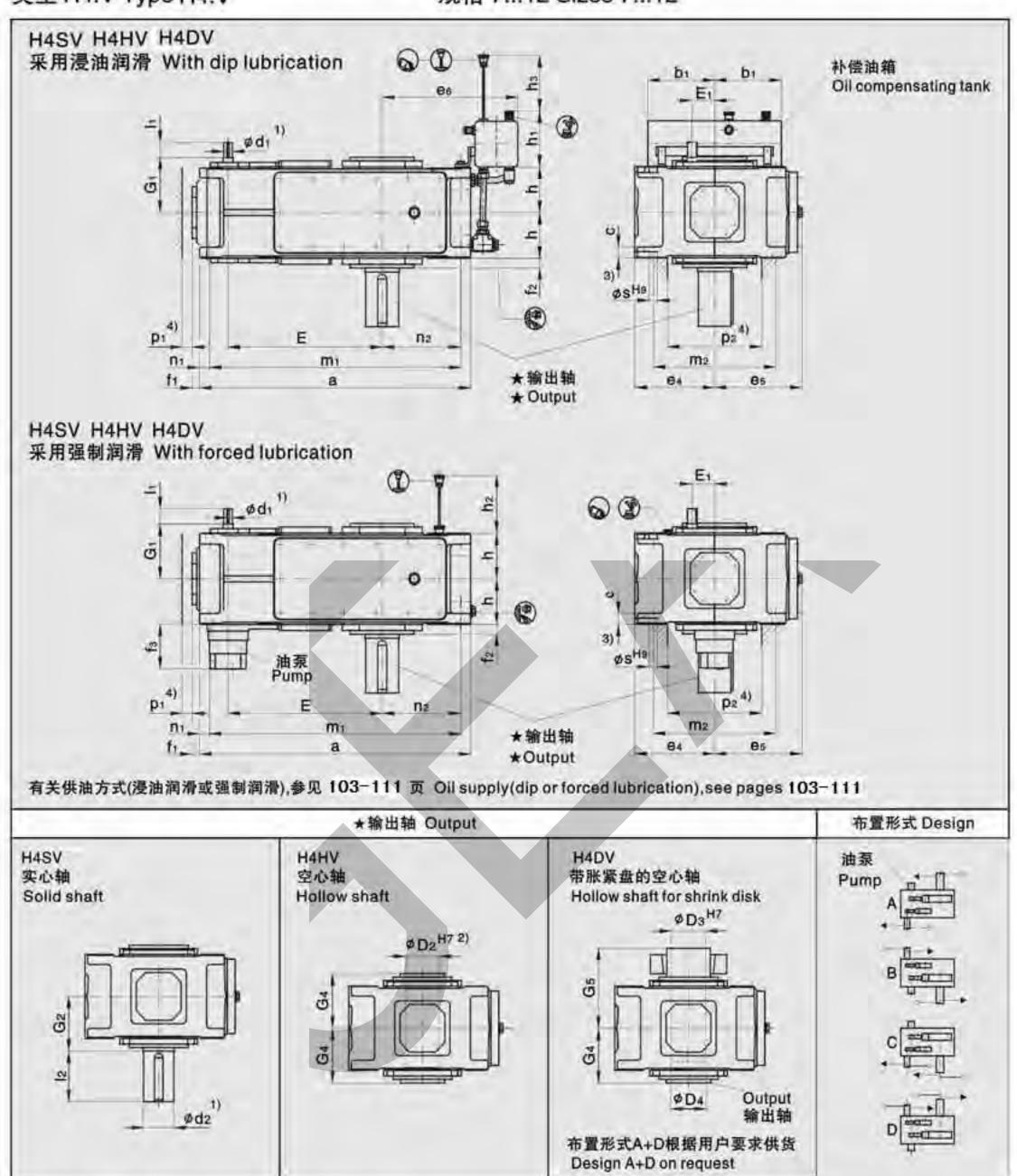
+0+6							尺寸 mm l	Dimensio	ns in mm						
规格							齿轮	i Gear	units				_		
Size	а	b	С	E	f2	fa	h	h2	m1	m ₂	nı	nz	p1 4)	p2 4)	8
13	1395	900	61±2	820	35	170	272.5	300	1300	680	50	360	50	500	48
14	1535	900	61±2	890	35	170	272.5	300	1440	680	50	430	50	500	48
15	1680	980	72±2	987	42	170	310	340	1565	750	60	430	50	570	55
16	1770	980	72±2	1033	42	170	310	340	1655	750	60	475	50	570	55
17	1770	1110	81±2	1035	42	210	340	374	1640	850	70	465	70	630	55
18	1890	1110	81±2	1095	42	210	340	374	1760	850	70	525	70	630	55
19															
20						根据	居用户要求作	共货				1			
21				40			On reques	t							
22															

					尺寸mm	Dimension	s in mm			润滑油	重量
规格						输出轴 outp	ut			Oil	4.000
Size		H3SV		НЗ	HV		H3D	٧		0.00	Weight
- 1	d2 1)	G2	12	D2 2)	G4	D3	D4	G4	Gs	(1)	(kg)
13	200	335	350	190	335	190	195	335	480	115	2155
14	210	335	350	210	335	210	215	335	480	126	2490
15	230	380	410	230	380	230	235	380	550	180	3260
16	240	380	410	240	380	240	245	380	550	190	3625
17	250	415	410	250	415	250	260	415	600	190	4250
18	270	415	470	275	415	280	285	415	600	200	4740
19						2700-670					
20					根据用户	要求供货					
21					On re	equest					
22											





四级传动 Four Stage 规格 7...12 Sizes 7...12



- 1) ke ≤ Φ50 me > Φ50
- 有关平键 GB/T1095-1979型和中心孔,参见第87-88 页。 For parallel key GB/T1095-1979 and for center hole, see page 87-88
- 2) 键槽 GB/T1095-1979 Keyway GB/T1095-1979.
- 3) 扭力支撑位于工作机侧 Torque support on driven machine side.
- 4) 有关油泵、油管和护盖的安装空间及确切尺寸,请与我们联系 Space for pump, pipes and cover;for exact dimensions,please refer to us.





平行轴齿轮箱 Helical Gear Units

四级传动 Four Stage

立式安装 Vertical

类型 H4.V Type H4.V

规格 7...12 Sizes 7...12

				尺寸 mm	Dimension	s in mm			
规格				編	入轴 Input				
Size	in=100	-180	In=125	-224	in=200)-355	in=250	-450	
	d+1)	30	d1 1)	lı -	di ¹⁾	- In	d1 ¹⁾	h	Gı
7	30	50			24	40			180
8			30	50			24	40	180
9	35	60			28	50			215
10			35	60			28	50	215
11	45	100			32	80			250
12			45	100			32	80	250

10.10				尺	oj mm	Dimensions	s in mm				
规格 Size					齿轮箱	Gearun	nits				
5126	а	bı	C	84	95	96	E	Eı	fi	12	fa
7	845	240	36 ± 1	280	292	425	495	80	37	30	160
8	950	240	36 ± 1	280	302	485	540	80	37	32	160
9	1000	330	45 ± 1.5	320	342	560	580	90	43	32	170
10	1100	330	45 ± 1.5	320	342	610	630	90	43	32	170
11	1200	330	54 ± 1.5	380	402	595	705	110	47	35	170
12	1355	330	54 ± 1.5	380	410	680	775	110	47	35	170

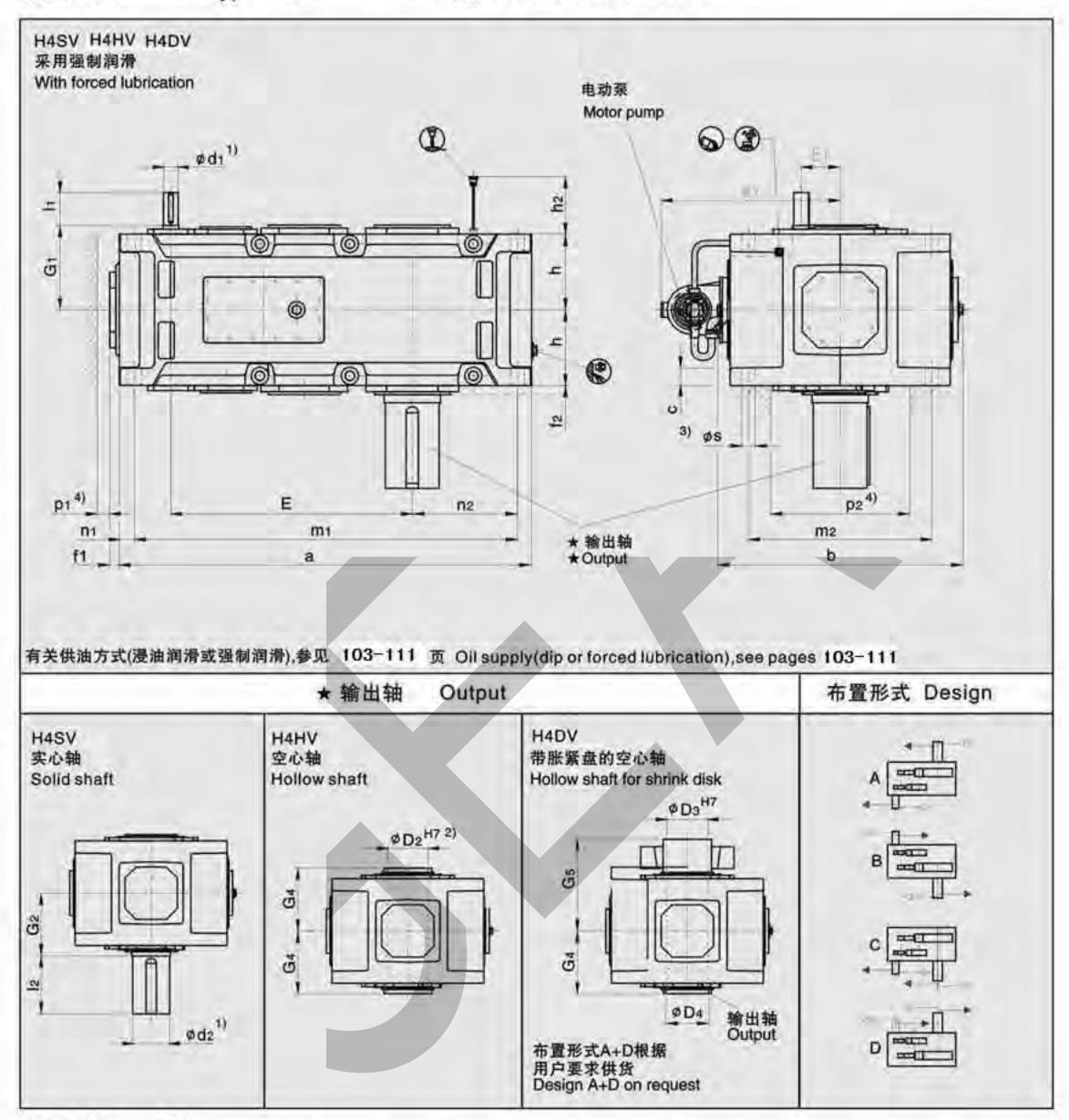
					尺寸mm	Dimensi	ons in mm				
规格 Size					齿轮箱	Gear	units				
Size	h	hı	h2	hs	mı	m ₂	n ₁	n2	p14)	p2 ⁴⁾	8
7	150	205	165	250	775	430	35	215	35	330	28
8	150	205	165	250	880	430	35	275	35	330	28
9	185	275	205	330	920	490	40	260	40	370	36
10	185	275	205	330	1020	490	40	310	40	370	36
11	215	275	240	340	1100	600	50	295	50	440	40
12	215	275	240	340	1255	600	50	380	50	440	40

1				尺寸mm	Dimensio	ons in mm				润滑剂	由 Oil	00-M
规格				輸	出轴 Outp	out				浸油浸润	强制润滑	重量
Size		H4SV		H	4HV		H4D	٧		Dip lubrication	Forced lubrication	Weight
2000	da 1)	G ₂	12	D ₂ ²⁾	G ₄	Ds	D4	G4	G ₅	(1)	(1)	(kg)
7	120	195	210	115	195	120	120	195	280	50	20	550
8	130	195	250	125	195	130	130	195	285	60	25	645
9	140	235	250	135	235	140	145	235	330	95	38	875
10	160	235	300	150	235	150	155	235	350	110	45	1010
11	170	270	300	165	270	165	170	270	400	165	65	1460
12	180	270	300	180	270	180	185	270	405	180	75	1725





平行轴齿轮箱 Helical Gear Units 类型 H4.V Type H4.V 四级传动 Four Stage 规格 13...18 Sizes 13...18 立式安装 vertical



1) k6≤Φ50 m6>Φ50

有关平键 GB/T1095-1979型和中心孔,参见第 87-88 页。 For parallel key GB/T1095-1979 and for center hole, see page 87-88

- 2) 键槽 GB/T1095-1979 Keyway GB/T1095-1979.
- 3) 扭力支撑位于工作机侧 Torque support on driven machine side.
- 4) 有关油泵、油管和护盖的安装空间及确切尺寸,请与我们联系 Space for pump, pipes and cover;for exact dimensions, please refer to us.





平行轴齿轮箱 Helical Gear Units 类型 H4.V Type H4.V

四级传动 Four Stage

立式安装 Vertical

	H-40014	31 1 00	· Ougu
规格	1318	Sizes	1318

- 1					R	₹ mm	Dimensi	ons in mm					
规格						輸入轴	lr.	put					
Size	IN=100	- 180	in=112	-200	in=12	5 - 224	N=200	- 355	IN=224	- 400	N=250	- 450	
	d1 1)	11	dr ¹⁾	H	di ¹⁾	_ li	di ¹⁾	h	dt ¹⁾	h	d1 ¹⁾	_ b	Gt
13	50	100					38	80					305
14	-50			1	50	100		- ==			38	80	305
15	60	135					50	110					345
16			60	135					50	110			345
17	60	105			1		50	80		7 - 11	1 = 111	PL TY	380
18			60	105					50	80			380
19													V-
20						根据用户要求供货							
21						On request							
22			- 3							1			

+00 4.54							尺寸	mm	Dimen	sions in	mm						
规格								齿轮箱	Ge	ear units							
Size	a	b	C	87	E	Eı	fı	f2	h	h2	mı	ma.	nı.	112	P1 ⁴⁾	p2 ⁴⁾	8
13	1395	900	61±2	695	820	130	47	35	272.5	300	1300	680	50	360	50	500	48
14	1535	900	61±2	695	890	130	47	35	272.5	300	1440	680	50	430	50	500	48
15	1680	980	72±2	735	987	160	56	42	310	340	1565	750	60	430	50	570	55
16	1770	980	72±2	735	1033	160	56	42	310	340	1655	750	60	475	50	570	55
17	1770	1110	81 ± 2	795	1035	160	53	42	340	374	1640	850	70	465	70	630	55
18	1890	1110	81±2	795	1095	160	53	42	340	374	1760	850	70	525	70	630	55
19																	
20								根据用户要求供货 On request									
21																	
22																	

-1				尺寸mm	Dimension	s in mm				No ter s.L.	-
规格				輸出	抽 Outpu	1				润滑油	量量
Size		H4SV		H4H	V		+	I4DV		Oil	Weight
	d2 1)	G2	12	D2 ⁻¹⁾	G4	Dз	D4	G4	G ₅	(1)	(kg)
13	200	335	350	190	335	190	195	335	480	95	2270
14	210	335	350	210	335	210	215	335	480	105	2600
15	230	380	410	230	380	230	235	380	550	150	3440
16	240	380	410	240	380	240	245	380	550	160	3740
17	250	415	410	250	415	250	260	415	600	190	4445
18	270	415	470	275	415	280	285	415	600	200	4915
19			1 30					5.7		- I - 1	
20							根据用户				
21							On re				
22			1								





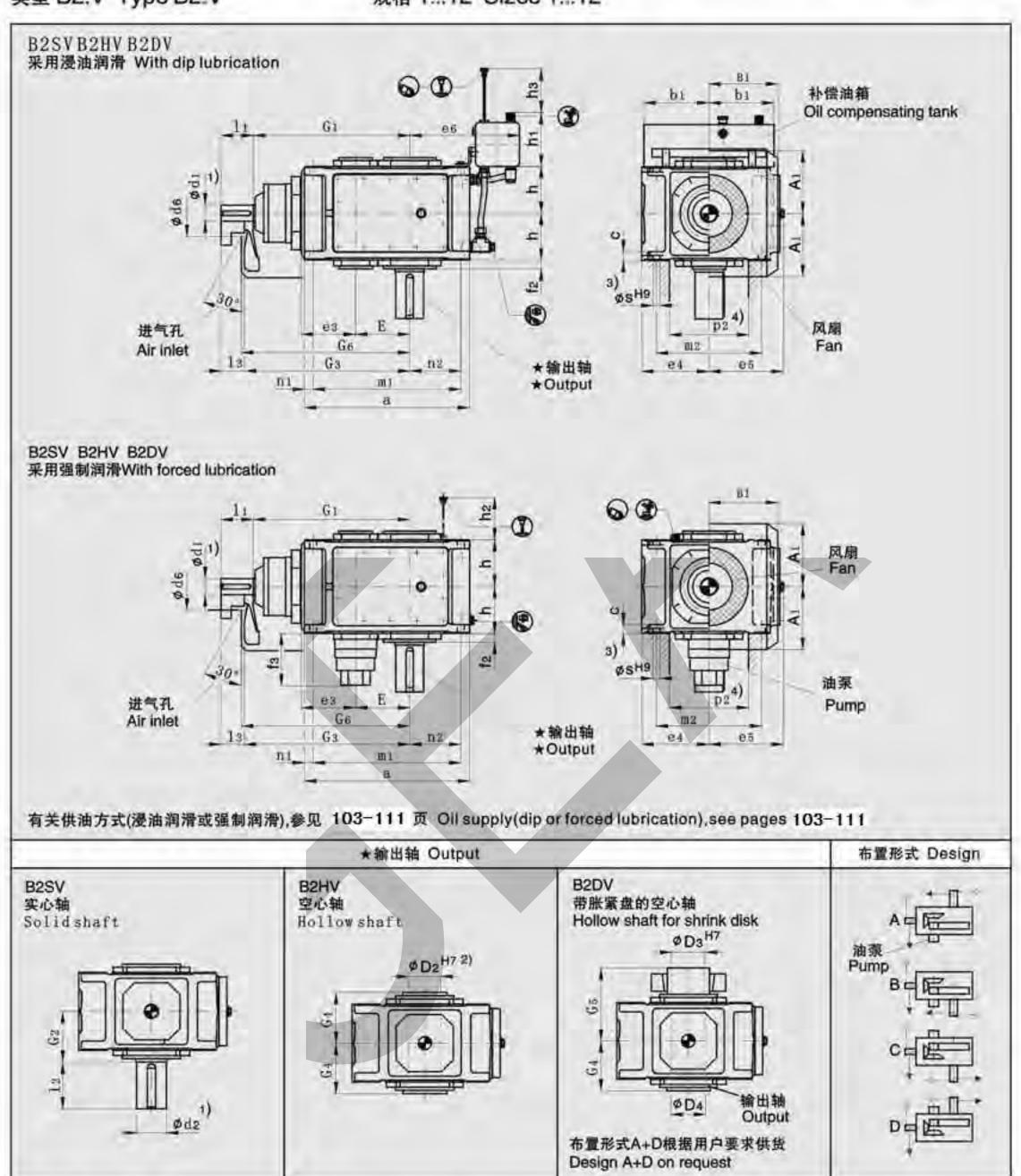
直交轴齿轮箱 Bevel-helical Gear Units

二级传动 Two Stage

立式安装 Vertical

类型 B2.V Type B2.V

规格 1...12 Sizes 1...12



1) k6≤ Φ50 m6> Φ50

有关平键 GB/T1095-1979型和中心孔,参见第87-88 页。 For parallel key GB/T1095-1979 and for center hole, see page 87-88

- 2) 鍵槽 GB/T1095-1979 Keyway GB/T1095-1979.
- 3) 扭力支撑位于工作机侧 Torque support on driven machine side.
- 4) 有关油泵、油管和护盖的安装空间及确切尺寸,请与我们联系 Space for pump, pipes and cover;for exact dimensions, please refer to us.





直交轴齿轮箱 立式传动 规格 1...12 Bevel-helical Gear Units Vertical 类型 B2.V 二级传动 Type B2.V Two Stage

规格 1...12 Sizes 1...12

					尺寸 mm	Dimens	sions in mm				
规格					4	俞入轴 In	put				
Size	11	V= 5-11.	2	- 1	N = 6,3-1	4	IN	= 12.5 - 1	8	0.	
	d1 ¹⁾	li	la	d ₁ 1)	b	- la	d11)	li .	la	Gı	Gs
7	28	55	40				20	50	35	300	315
2	30	70	50		21		25	60	40	340	360
3	35	80	60	2	21	-	28	60	40	390	410
4	45	100	80						+3-4-3-	465	485
5	55	110	80					- 4		535	565
6				55	110	80				570	600
7	70	135	105							640	670
8				70	135	105				685	715
9	80	165	130							755	790
10				80	165	130				805	840
11	90	165	130							925	960
12				90	165	130				995	1030

14.14					尺寸	mm Din	nensions i	n mm				
规格 Size						齿轮箱(Gear units					
SIZE	a	A ₁	bı	Bı	C	de	e 3	84	05	95	E	f2
1	305	128	150	130	16±1	100	90	130	145	280	90	22
2	355	143	150	145	20±1	110	110	145	160	285	110	22
3	405	163	150	170	24±1	120	130	175	185	290	130	24
4	505	188	150	200	30±1	150	160	200	215	320	160	26
5	565	215	240	235	30±1	160	185	230	252	385	185	30
6	645	215	240	235	30±1	160	185	230	252	425	220	30
7	690	250	240	285	36±1	210	225	280	302	425	225	32
8	795	250	240	285	36±1	210	225	280	302	485	270	32
9	820	270	330	325	48 ± 1.5	195	265	320	342	560	265	45
10	920	270	330	325	48 ± 1.5	195	265	320	342	610	315	45
11	975	328	330	385	54 ± 1.5	210	320	380	410	595	320	47
12	1130	328	330	385	54 ± 1.5	210	320	380	410	680	390	47

100.00					尺寸	mm Dir	nensions l	n mm				
规格 Size						齿轮箱(Gear units					
Size	fa	G ₆	h	h	h ₂	h ₃	m ₁	m ₂	n ₁	n ₂	P2 4)	S
1	2	325	90	165		170	275	210	15	115	150	12
2	3	370	102.5	165	5201	170	315	230	20	120	170	14
3	-	420	112.5	165	F. 6.11	180	365	265	20	130	200	18
4	~	495	135	165		180	445	300	30	160	220	24
5	190	575	160	205	245	240	505	360	30	175	270	24
6	190	610	160	205	245	240	585	360	30	220	270	24
7	200	685	190	205	220	250	620	430	35	215	330	28
8	200	730	190	205	220	250	725	430	35	275	330	28
9	200	805	220	275	250	330	740	490	40	260	370	36
10	200	855	220	275	250	330	840	490	40	310	370	36
11	200	980	265	275	300	340	875	600	50	295	440	40
12	200	1050	265	275	300	340	1030	600	50	380	440	40

			尺	d mm	Dimen	sions in n	nm			润滑油	d Oil	重量
规格				輸出	轴 Ou	tput				浸油浸润	强制润滑	Weight
Size		B2SV		B21	HV		B21	VC		Dip lubrication	Forced lubrication	0.73
	d ₂ 1)	G ₂	12	D ₂ 2)	G ₄	D ₃	D ₄	G ₄	G ₅	(1)	(1)	(kg)
1	45	120	80	1.5-1	-32	1.50	1100		-	7	- 5	65
2	55	135	110	55	135	60	60	135	180	11		90
3	65	145	140	65	145	70	70	145	200	16	+	140
4	80	170	170	80	170	85	85	170	235	28	1+	235
5	100	200	210	95	200	100	100	200	275	41	20	360
6	110	200	210	105	200	110	110	200	275	50	23	410
7	120	235	210	115	235	120	120	235	320	75	35	615
8	130	235	250	125	235	130	130	235	325	90	38	700
9	140	270	250	135	270	140	145	270	360	115	53	1000
10	160	270	300	150	270	150	155	270	385	135	60	1155
-11	170	320	300	165	320	165	170	320	450	190	86	1640
12	180	320	300	180	320	180	185	320	455	215	95	1910

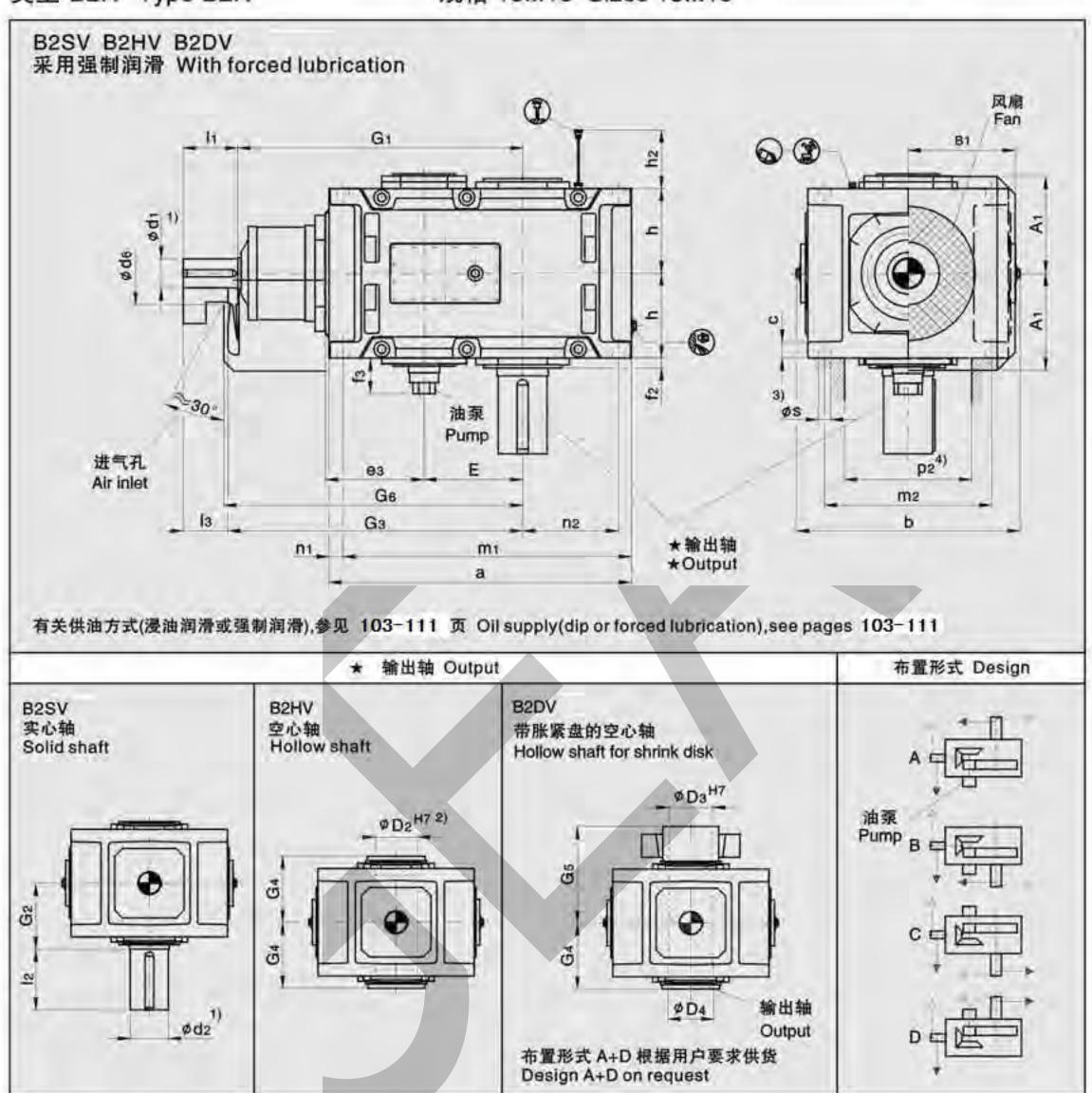




直交轴齿轮箱 Bevel-helical Gear Units 二级传动 Two Stage 立式安装 Vertical

类型 B2.V Type B2.V

规格 13...18 Sizes 13...18



1) k6≤Φ50 m6>Φ50

有关平键 GB/T1095-1979型和中心孔,参见第87-88页。 For parallel key GB/T1095-1979 and for center hole, see page 87-88

- 2) 键槽 GB/T1095-1979 Keyway GB/T1095-1979.
- 3) 扭力支撑位于工作机侧 Torque support on driven machine side.
- 4) 有关油泵、油管和护盖的安装空间及确切尺寸。请与我们联系 Space for pump, pipes and cover;for exact dimensions, please refer to us.





直交轴齿轮箱 Bevel-helical Gear Units 二级传动 Two Stage 立式安装 Vertical 类型 B2.V Type B2.V 规格 13...18 Sizes 13...18

15.57							尺寸	t mm	Dimer	nsions in	mm						
规格								输	入轴 1	nput							
Size	IN	=5-11	.2	in=	5.6 - 1	1.2	IN =	5.6 - 1	2.5	in	= 6.3 -	14	in=	7.1 - 1	2.5	0.	00
	d1 ¹⁾	fr	la	di ¹⁾	h	13	d1 ¹⁾	li -	13	d11)	lt	la	d ₁ ¹⁾	- It	It	G1	G3
13	110	205	165													1070	1110
14										110	205	165				1140	1180
15	130	245	200													1277	1322
16							130	245	200							1323	1368
17				150	245	200					- 1					1435	1480
18													150	245	200	1495	1540

					尺寸mm Dimer	sions in mm				
规格					齿轮箱 Ge	ear units				
Size	a	At	b	B1	C	de	e 3	E	f2	fa
13	1130	375	900	450	61 ± 2	245	380	370	38	200
14	1270	375	900	450	61 ± 2	245	380	440	45	200
15	1350	435	980	495	72 ± 2	280	450	442	75	200
16	1440	435	980	495	72 ± 2	280	450	488	75	200
17	1490	505	1110	555	81 ± 2	380	510	490	98	200
18	1610	505	1110	555	81 ± 2	380	510	550	98	200

in 16				尺寸 mn	Dimension	ns in mm			
规格				齿轮	箱 Gear	units			
Size	Ge	h	h2	mı	m ₂	nı	TI2	p2 4)	S
13	1130	325	350	1035	680	50	360	500	48
14	1200	325	350	1175	680	50	430	500	48
15	1340	380	430	1235	750	60	430	570	55
16	1385	380	430	1325	750	60	475	570	55
17	1500	437.5	480	1360	840	70	465	630	65
18	1560	437.5	480	1480	840	70	525	630	65

				尺寸 mm	Dimensio	ons in mm					1000
规格				输	出轴 Out	out				润滑油	重量
Size		B2SV		B2H	V			32DV		Oil	Weight
	d2 1)	G ₂	12	D ₂ ²⁾	G4	D ₃	D4	G4	G ₅	(1)	(kg)
13	200	390	350	-	-	-3-		3	-	100	2350
14	210	390	350	210	390	210	215	390	535	110	2725
1.5	230	460	410		7.5	0-14				145	3795
16	240	460	410	240	450	240	245	450	620	160	4160
17	250	540	410			3.5	1.03	1-3-4	- 15	210	5320
18	270	540	470	275	510	280	285	510	700	220	5860

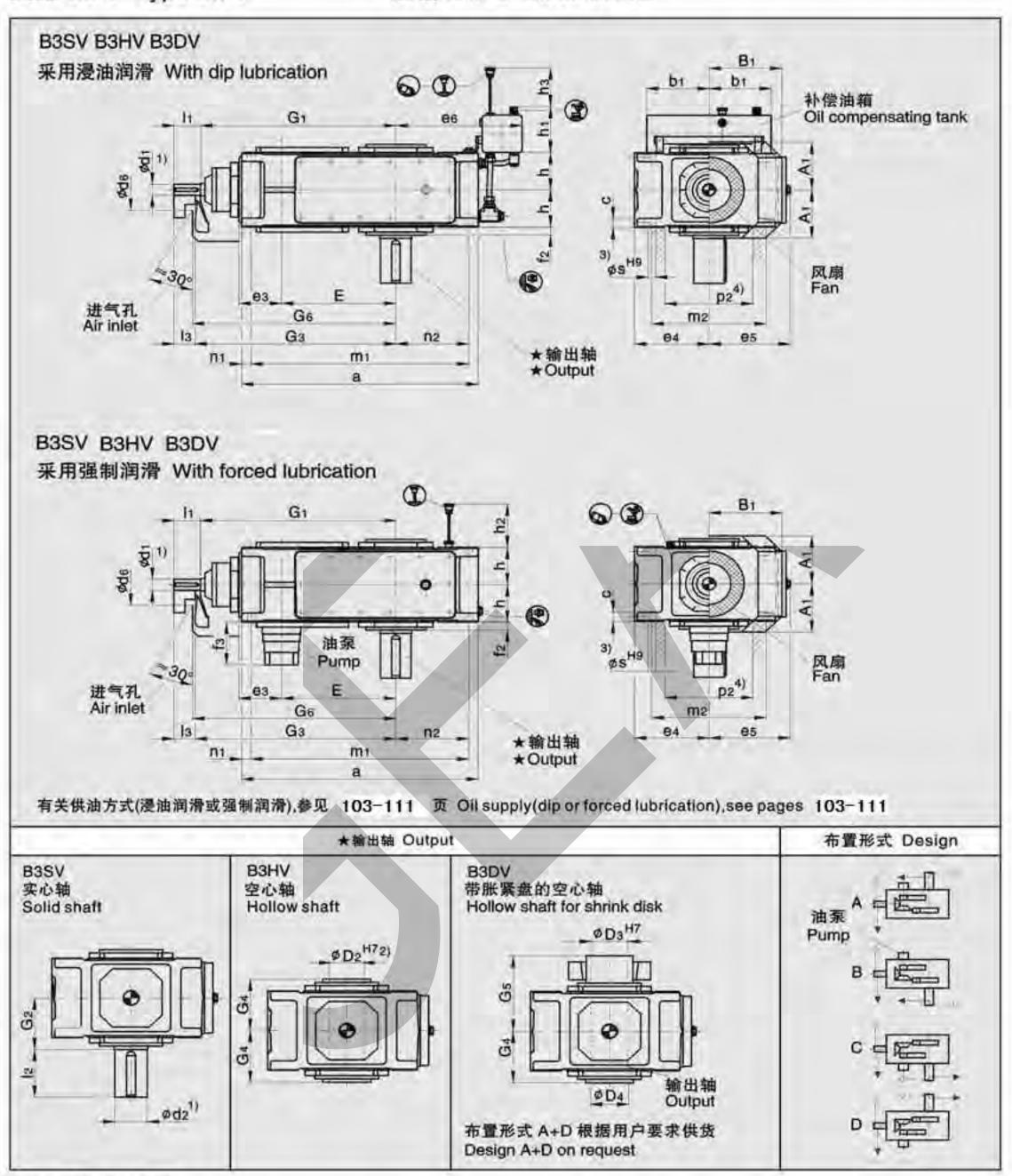




直交轴齿轮箱 Bevel-helical Gear Units 三级传动 Three Stage 立式安装 Vertical

类型 B3.V Type B3.V

规格 3...12 Sizes 3...12



1) k6≤ Φ50 m6> Φ50

有关平键 GB/T1095-1979型和中心孔,参见第87-88页。 For parallel key GB/T1095-1979 and for center hole, see page 87-88

- 2) 键槽 GB/T1095-1979 Keyway GB/T1095-1979.
- 3) 扭力支撑位于工作机侧 Torque support on driven machine side.
- 4) 有关油泵。油管和护盖的安装空间及确切尺寸。请与我们联系 Space for pump, pipes and cover; for exact dimensions, please refer to us.





直交轴齿轮箱 Bevel-helical Gear Units 三级传动 Three Stage

立式安装 Vertical

类型 B3.V

Type B3.V

规格 3...12 Sizes 3...12

0.00							尺寸	mm	Dimens	sions in m	m						
规格								輸入	轴	Input	7.0					_	
Size	in:	= 12.5 -	45	IN	= 16 - 5	66	. in	= 20 - 4	15	IN	=50-7	71	IN	= 63 - 9	0		Α.
	di ¹⁾	li .	la	d1 ¹⁾	h	la	di ¹⁾	h	la	d1 ¹⁾	li .	13	di ¹⁾	h	la	GI	Gs
3							28	55	40	20	50	35				430	445
4	30	70	50							25	60	40				500	520
5	35	80	60							28	60	40				575	595
6				35	80	60							28	60	40	610	630
7	45	100	80							35	80	60				690	710
8		1		45	100	80							35	80	60	735	755
9	55	110	80							40	100	70				800	830
10		1	Transiti	55	110	80	1				1	1	40	100	70	850	880
11	70	135	105							50	110	80				960	990
12				70	135	105					-	-000	50	110	80	1030	1060

					尺寸	mm Din	nensions in	mm				
规格 Size						齿轮箱	Gear units		Committee of			
3126	a	A1	bı	B ₁	c	de	63	84	85	66	E	12
3	450	128	150	170	24 ± 1	90	90	175	185	290	220	20
4	565	143	150	200	30 ± 1	110	110	200	215	320	270	22
5	640	168	240	235	30 ± 1	130	130	230	252	385	315	28
6	720	168	240	235	30 ± 1	130	130	230	252	425	350	28
7	785	193	240	275	36 ± 1	165	160	280	292	425	385	30
8	890	193	240	275	36 ± 1	165	160	280	302	485	430	32
9	925	231	330	325	45 ± 1.5	175	185	320	342	560	450	32
10	1025	231	330	325	45 ± 1.5	175	185	320	342	610	500	32
11	1105	263	330	385	54 ± 1.5	190	225	380	402	595	545	35
12	1260	263	330	385	54 ± 1.5	190	225	380	410	680	615	35

10146					尺寸	nm I	Dimensions li	n mm				
规格 —					t	7轮箱	Gear uni	ts				
Size	f3	G6	h	hı	he	hs	mt	m ₂	nı	n2	p2 4)	8
3		455	95	165	-	180	410	265	20	125	210	18
4	-	530	107.5	165	-	180	505	300	30	160	220	24
5	190	605	127.5	205	180	240	580	360	30	175	270	24
6	190	640	127.5	205	180	240	660	360	30	220	270	24
7	190	720	150	205	165	250	715	430	35	215	330	28
8	190	765	150	205	165	250	820	430	35	275	330	28
9	180	845	185	275	205	330	845	490	40	260	370	36
10	180	895	185	275	205	330	945	490	40	310	370	36
11	180	1010	215	275	240	340	1005	600	50	295	440	40
12	180	1080	215	275	240	340	1160	600	50	380	440	40

			F	e寸 mm	Dimen	sions in m	m			润滑油	Oil	重量
规格				輸出幹	a (Output				浸油润滑	强制润滑	COLUMN AU
Size		B3SV		B3	HV		B3	DV		Dip lubrication	Forced	Weight
	d2 ¹⁾	G2	12	D2 2)	G4	Da	D4	G4	G ₅	(1).	lubrication(1)	(kg)
3	65	125	140	65	125	70	70	125	180	15		130
4	80	140	170	80	140	85	85	140	205	28	-	210
5	100	165	210	95	165	100	100	165	240	32	12	325
6	110	165	210	105	165	110	110	165	240	35	13	380
7	120	195	210	115	195	120	120	195	280	52	22	550
8	130	195	250	125	195	130	130	195	285	67	28	635
9	140	235	250	135	235	140	145	235	330	115	48	890
10	160	235	300	150	235	150	155	235	350	125	52	1020
11	170	270	300	165	270	165	170	270	400	180	75	1455
12	180	270	300	180	270	180	185	270	405	200	85	1730



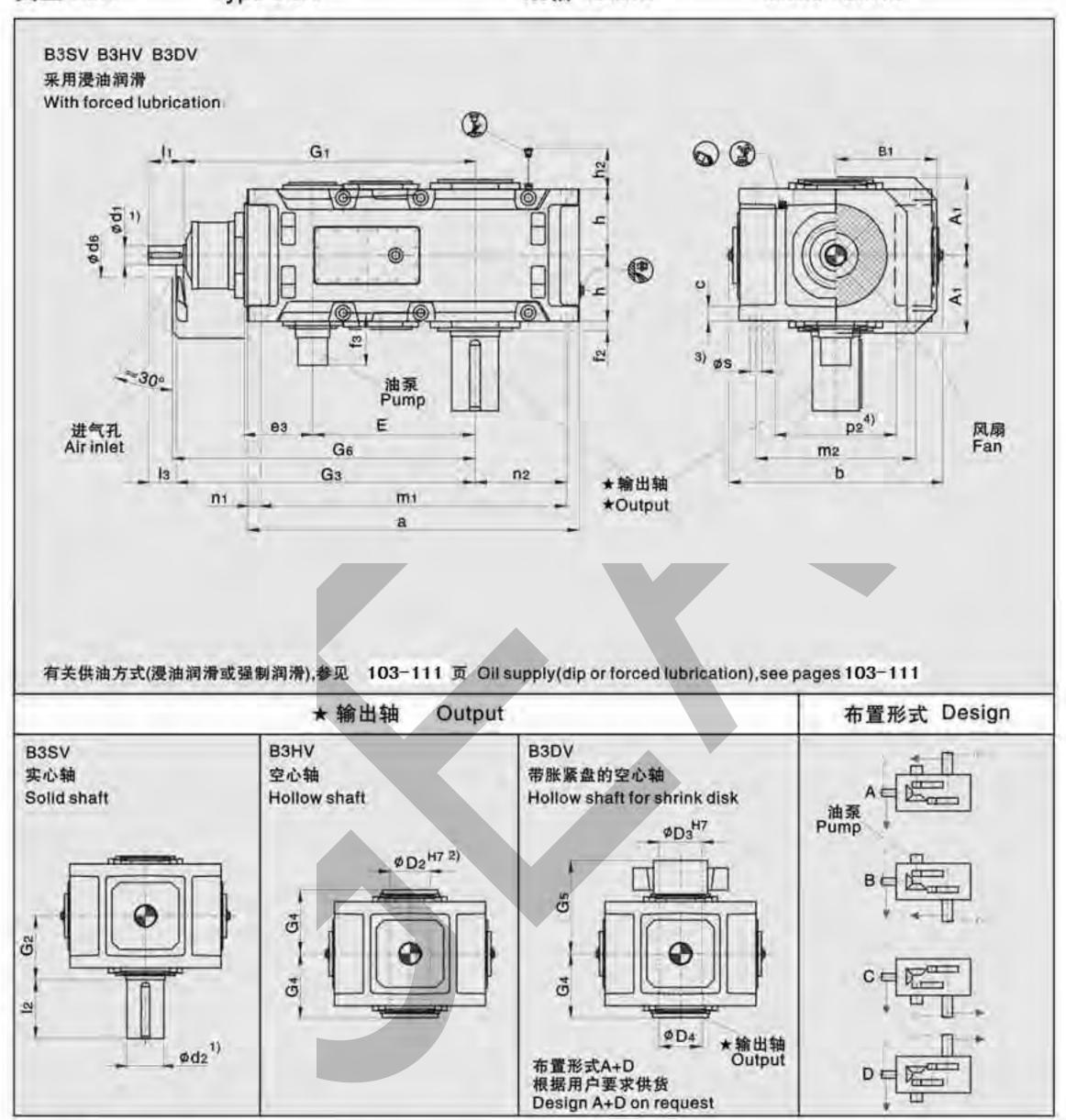


直交轴齿轮箱 Bevel-helical Gear Units 类型 B3.V Type B3.V

三级传动 Three Stage 立式安装 Vertical

规格 13...18

Sizes 13...18



- 1) k6≤ Φ50 m6> Φ50
- For parallel key GB/T1095-1979 and for center hole, see page 87-88 有关平键 GB/T1095-1979型和中心孔,参见第 87-88 页。
- 2) 鍵槽 GB/T1095-1979 Keyway GB/T1095-1979.
- 3) 扭力支撑位于工作机侧 Torque support on driven machine side.
- 4) 有关油泵、油管和护盖的安装空间及确切尺寸。请与我们联系 Space for pump, pipes and cover;for exact dimensions,please refer to us.





直交轴齿轮箱 Bevel-helical Gear Units 三级传动 Three Stage 立式安装 Vertical 类型 B3.V Type B3.V 规格 13...18 Sizes 13...18

								尺寸	t mm	E	Dimensi	ons in n	nm							
规格									输入	轴	Ir	put								
Size	ĪN=	12.5-4	5	- In	=14-5	0	16	=16-56	В	1	v=50-7	t i	in	=56-8	0	in	=63-9	Ö	0	0.
	d11)	h	l3	di ¹⁾	li	la	di ¹⁾	li .	la	di ¹⁾	li .	13	di ¹⁾	_li	ls	di.1)	lì.	13	Gi	G ₃
13	80	165	130				500		==:	60	140	105	50		33	ES-L		Fall	1125	1160
14							80	165	130							60	140	105	1195	1230
15	90	165	130							70	140	105							1367	1402
16				90	165	130							70	140	105				1413	1448
17	110	205	165	F=0,	380					80	170	130			1.3				1560	1600
18				110	205	165							80	170	130				1620	1660
19							-							140-1	1		- L			
20									根据》	中户要求	找供货									
21									Onrequest			10.0		1						
22										-36					1	(a f			1.04	1

(exic				F	et mm Dim	ensions in mi	m			
规格 Size					齿轮箱	Gear units				7
DIZE	а	At	b	Bi	C	de	03	E	f2	fs
13	1290	325	900	475	61±2	210	265	635	35	170
14	1430	325	900	475	61±2	210	265	705	35	170
15	1550	365	980	520	72±2	210	320	762	42	170
16	1640	365	980	520	72±2	210	320	808	42	170
17	1740	395	1110	570	81±2	230	370	860	42	170
18	1860	395	1110	570	81±2	230	370	920	42	170
19										
20					根据用户	要求供货				
21					根据用户要求供货 Onrequest					
22					1					

4m At mil				尺寸mm	Dimension	s in mm			
规格				齿轮	箱 Gearu	nits		40.0	
Size	G ₆	h	hz	mı	m2	nı	nz	p2 4)	s
13	1180	272.5	300	1195	680	50	360	500	48
14	1250	272.5	300	1335	680	50	430	500	48
15	1420	310	340	1435	750	60	430	570	55
16	1470	310	340	1525	750	60	475	570	55
17	1620	340	380	1610	850	70	465	630	55
18	1680	340	380	1730	850	70	525	630	55
19					/				
20				根据用户	要求供货				
21				根据用户要求供货 Onrequest					
22				3,000	100				

				尺寸mm	Dimensi	ons in mm				润滑油	重量
规格				输出	出轴 Out	put				Oil	Weight
Size		B3SV		B3	HV		B3	DV		7707	Mary Control
	d2 ¹⁾	G2	12	D2 1)	G4	Dз	D4	G4	G ₅	(1)	(kg)
13	200	335	350	190	335	195	95	335	480	95	2260
14	210	335	350	210	335	210	215	335	480	110	2615
15	230	380	410	230	380	230	235	380	550	165	3540
16	240	380	410	240	380	240	245	380	550	190	3765
17	250	415	410	250	415	250	260	415	600	210	4760
18	270	415	470	275	415	280	285	415	600	240	5240
19											
20							根据用户	要求供货			
21							Onre	quest			
22			-					200			

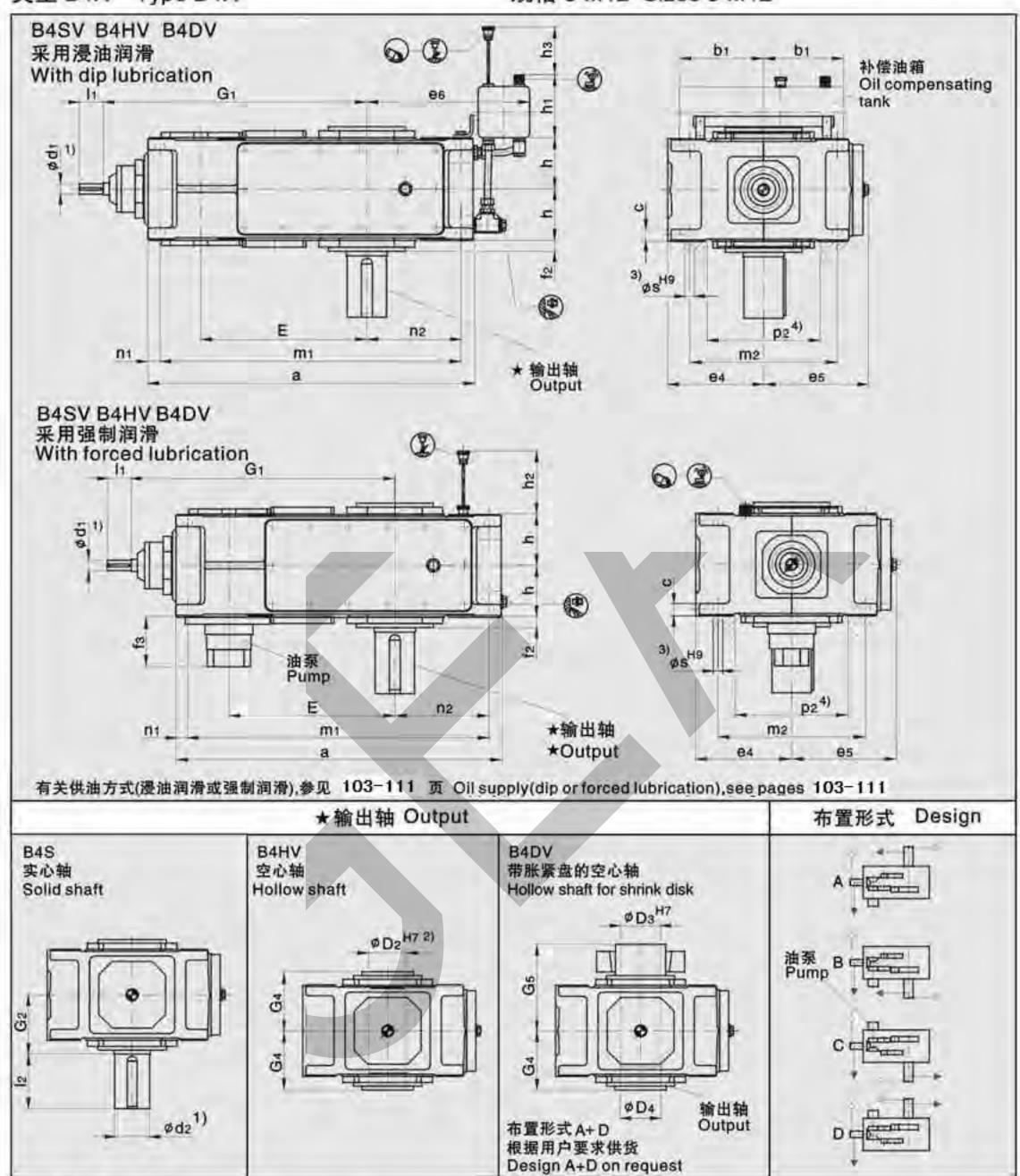




直交轴齿轮箱 Bevel-helical Gear Units 类型 B4.V Type B4.V 四级传动 Four Stage

立式安装 Verticall

规格 5 ... 12 Sizes 5 ... 12



1) k6≤Φ50 m6>Φ50

有关平键 GB/T1095-1979型和中心孔,参见第87-88 页。 For parallel key GB/T1095-1979 and for center hole, see page 87-88.

- 2) 键槽 GB/T1095-1979 Keyway GB/T1095-1979.
- 3) 扭力支撑位于工作机侧 Torque support on driven machine side.
- 4) 有关油泵、油管和护盖的安装空间及确切尺寸,请与我们联系 Space for pump, pipes and cover;for exact dimensions, please refer to us.





直交轴齿轮箱 立式安装 Bevel-helical Gear Units Vertical 类型 B4.V 四级传动 Type B4.V

Four Stage

规格 5... 12 Sizes 5... 12

-				尺寸 mm	Dimension	s in mm			
规格				4	輸入轴 Input				
Size	in = 80 -	-180	IN = 100) - 224	in = 200	-315	in = 250	- 400	0.
	di 1)	li-	di ¹⁾	19-	d1 1)	lı.	d1 ³⁾	It	G1
5	28	55			20	50			615
6			28	55			20	50	650
7	30	70			25	60			725
8			30	70			25	60	770
9	35	80			28	60			840
10			35	80			28	60	890
11	45	100			35	80			1010
12			45	100			35	80	1080

Girls				尺寸mm	Dimensions i	in mm			
规格				齿轮箱	Gear unit	S			
Size	а	bı	C	84	05	96	E	f2	fa
5	690	240	30 ± 1	230	252	385	405	28	200
6	770	240	30 ± 1	230	252	425	440	28	200
7	845	240	36 ± 1	280	292	425	495	30	120
8	950	240	36 ± 1	280	302	485	540	32	120
9	1000	330	45 ± 1.5	320	342	560	580	32	120
10	1100	330	45 ± 1.5	320	342	610	630	32	120
11	1200	330	54 ± 1.5	380	402	595	705	35	130
12	1355	330	54 ± 1.5	380	410	680	775	35	130

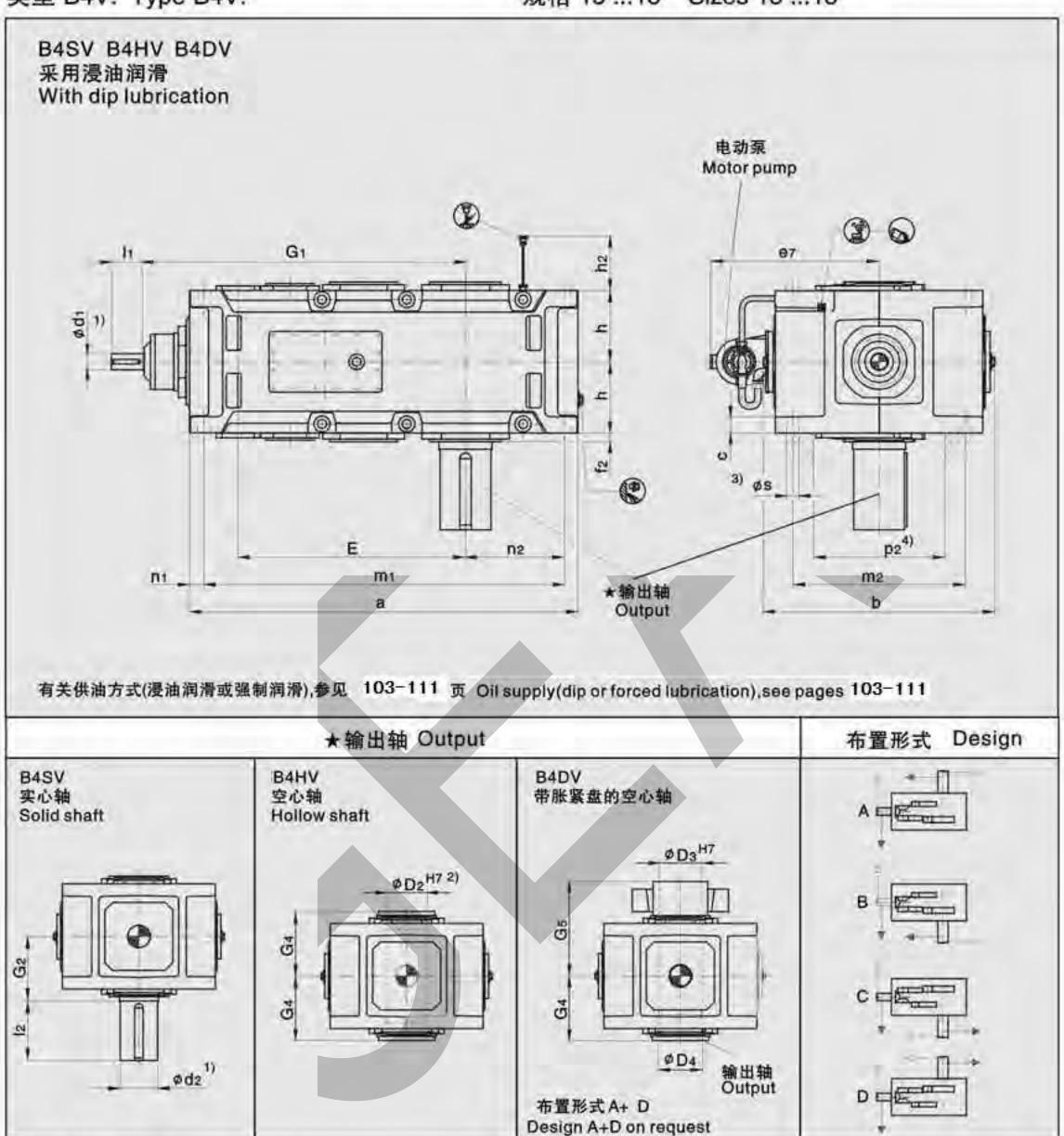
E.L				尺	dmm D	mensions in	mm			
规格					齿轮箱	Gear units				
Size	ħ	hi	h2	ha	m ₁	m2	n ₁	n ₂	p ₂	5
5	127.5	205	190	240	630	360	30	175	270	24
6	127.5	205	190	240	710	360	30	220	270	24
7	150	205	165	250	775	430	35	215	330	28
8	150	205	165	250	880	430	35	275	330	28
9	185	275	205	330	920	490	40	260	370	36
10	185	275	205	330	1020	490	40	310	370	36
11	215	275	240	340	1100	600	50	295	440	40
12	215	275	240	340	1255	600	50	380	440	40

7.3			1	₹寸mm	Dimen	sions in mi	n			润滑油	由 Oil	10.78
规格				輸出	轴 Ou	tput				漫油漫润	强制润滑	重量
Size		B4SV	-	B41	HV		B4	DV		Dip lubrication	Forced lubrication	Weight
	d2 1)	G ₂	12	D2 2)	Ga	Ds	D ₄	G4	G ₅	(1)	(1)	(kg)
5	100	165	210	95	165	100	100	165	240	36	15	335
6	110	165	210	105	165	110	110	165	240	40	16	385
7	120	195	210	115	195	120	120	195	280	60	30	555
В	130	195	250	125	195	130	130	195	285	70	35	655
9	140	235	250	135	235	140	145	235	330	110	60	890
10	160	235	300	150	235	150	155	235	350	130	67	1025
11	170	270	300	165	270	165	170	270	400	180	75	1485
12	180	270	300	180	270	180	185	270	405	195	85	1750





直交轴齿轮箱 Bevel-helical Gear Units 类型 B4V. Type B4V. 四级传动 Four Stage 立式安装 Verticall 规格 13 ...18 Sizes 13 ...18



1) k6≤Φ50 m6>Φ50

有关平键 GB/T1095-1979型和中心孔,参见第87-88 页。 For parallel key GB/T1095-1979 and for center hole, see page 87-88.

- 2) 键槽 GB/T1095-1979 Keyway GB/T1095-1979.
- 3) 扭力支撑位于工作机侧 Torque support on driven machine side.
- 4) 有关油泵、油管和护盖的安装空间及确切尺寸,请与我们联系 Space for pump, pipes and cover;for exact dimensions,please refer to us.





直交轴齿轮箱 立式安装 规格 13 ... 18 Bevel-helical Gear Units Vertical 类型 B4.V Sizes 13... 18 四级传动 Type B4.V Four Stage

						尺寸 mm	Dimens	ions in mn	n				
规格						输送	へ轴 し	nput					
Size	In = 80	- 180	in = 90	-200	IN = 10	0-224	IN = 200	-315	IN = 224	- 355	in = 250	- 400	
	d+1).	h	d1 ¹⁾	- b	d1 ¹⁾	h	d ₁ ¹⁾	h	d11)	li	d1 ¹⁾	b	Gı
13	55	110					40	100					1170
14					55	110		1 1 1 1		,	40	100	1240
15	70	135					50	110					1402
16			70	135					50	110			1448
17	70	135					50	110					1450
18			70	135				1	50	110			1510
19													
20						根据用户	要求供货	1 6			1 - 1	-	
21						On re	quest						
22						100000	3,000						

im 16					F	mmt 5	Dimer	sions in I	mm					
规格 Size						齿轮	箱 Ge	arunits				_		
0120	a	b	C	e 7	E	f2	h	h2	mı	m ₂	nı	n2	P ₂	S
13	1395	900	61±2	695	820	35	272.5	300	1300	680	50	360	500	48
14	1535	900	61±2	695	890	35	272.5	300	1440	680	50	430	500	48
15	1680	980	72±2	735	987	42	310	340	1565	750	60	430	570	55
16	1770	980	72 ± 2	735	1033	42	310	340	1655	750	60	475	570	55
17	1770	1110	81±2	795	1035	42	340	374	1640	850	70	465	630	55
18	1890	1110	81 ± 2	795	1095	42	340	374	1760	850	70	525	630	55
19														
20	-						根据用户	要求供货						
21							On re	nuest						
22								1000			i i			

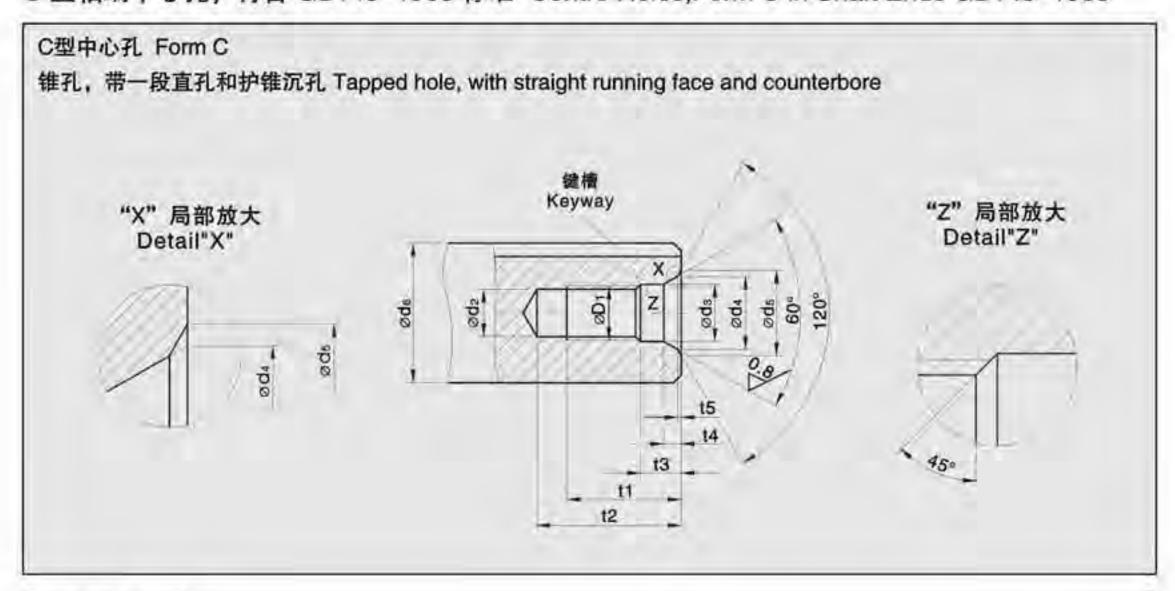
WCs I				尺寸mm	Dimens	ions in mm				The same of the sa	- 20
规格				輸出	出轴 Out	put				润滑油	重量
Size		B4SH		B41	HV		B4	DV		Oil	Weight
-	d2 1)	G ₂	12	D ₂ ²⁾	G4	Da	D ₄	G ₄	G ₅	(1)	(kg)
13	200	335	350	190	335	190	195	335	480	130	2280
14	210	335	350	210	335	210	215	335	480	150	2605
15	230	380	410	230	380	230	235	380	550	200	3435
16	240	380	410	240	380	240	245	380	550	235	3765
17	250	415	410	250	415	250	260	415	600	215	4460
18	270	415	470	275	415	280	285	415	600	250	4930
19											
20							根据用户	要求供货			
21							On rec	quest			
22											





齿轮箱 Gear Units

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



推荐 Recomm diam							C型 F	from C					
de	(1)												
大于	至	C中心孔	- A	4.	35	26.	46	ti		2	ts	t4	ts.
above	至 to	C-	ďη	q5	da da	O4	ds ds	+2	min.	max.	+1	*	66
m	m	Centering						mm			-		
16	21	C6	M6	5	6.4	9.6	10.5	16	20	22	5	28	0.4
21	24	C8	M8	6.8	8.4	12.2	13.2	19	25	28	6	3.3	0.4
24	30	C 10	M10	8.5	10.5	14.9	16.3	22	30	84	7.5	3.8	0.6
30	38	C12	M12	10.2	13	18.1	19.8	28	37	42	95	4.4	0,7
38	50	C 16	M16	14	17	23	25.3	36	45	50	12	5,2	1.0
50	85	C 20	M20	17.5	21	28.4	31.3	42	53	59	15	6.4	1,3
85	130	C 24	M24	21	25	34.2	38	50	63	68	18	8	1,6
130*	225*	C 30	M30*	26.5	31	44	48	60	77	83	17	11	1.9
225*	320*	C 36	M36*	32	37	55	60	74	93	99	22	15	2,3
220*	500°	C 42	M42*	37.5	43	65	71	84	105	111	26	19	2.7

- 1) 工件加工后最终尺寸 1)Diameter of the finished work piece
- *) 不是根据GB145-1985确定的尺寸 *).Dimensions not acc. to GB145-1985





齿轮箱 Gear units 选择 ISO 配合精度 Selection of ISO fits 平键和键槽 Parallel keys and keyways

	5	选择	ISO 配合精度 Selection of ISO fits	
NASTATE-TABLE	轴s	haft d	25.0	13.43
选择 ISO 配合精度 Selection of ISO fits	大于 Above mm	至 To mm	軸公差 Shaft tolerance	孔公差 Bore tolerance
轴公差根据 OMITER 标准确定		50	k6	122
Shaft tolerance acc. To OMITER standard	50		m6	H7

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

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

	直 Diam d		宽度1) Width	高度	轴键槽深度 Depth of key-	轮毂键槽深度 Depth of key
平體緊固方式,采用无锥度联接。 Drive type fastening without taper action	大于 Above mm	至 To mm	1) b 1) mm	Height h mm	way in shaft to mm	way in hub d + t2 GB/T1095- 1979 mm
	17	22	6	6	3.5	d+2.8
	22	30	8	7	4	d+3.3
平鍵和鍵槽根据 GB/T1095-1979 标准确定	30	38	10	8	5	d+3.3
Parallel key and keyway acc. to GB/T1095-1979	38	44	12	8	5	d+3.3
	44	50	14	9	5.5	d+3.8
b	50	58	16	10	6	d+4.3
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	58	65	18	11	7	d+4.4
章 \$ 1	65	75	20	12	7.5	d+4.9
(· · · · · · · · · · · · · · · · · · ·	75	85	22	14	9	d +5.4
	85	95	25	14	9	d+5.4
_ d_	95	110	28	16	10	d+6.4
	110	130	32	18	11	d+7.4
	130	150	36	20	12	d+8.4
	150	170	40	22	13	d+9.4
1) 重裁工作条件下轮毂平罐键槽宽度 b 的公差带应按 ISOJS9	170	200	45	25	15	d+10.4
或 ISOP9 确定。	200	230	50	28	17	d+11.4
The tolerance zone for the hub keyway width b for parallel	230	260	56	32	20	d+12.4
keys is ISO JS9, or ISO P9 for heavy-duty operating	260	290	63	32	20	d+12.4
conditions.	290	330	70	36	22	d+14.4
	330	380	80	40	25	d+15.4
	380	440	90	45	28	d+17.4



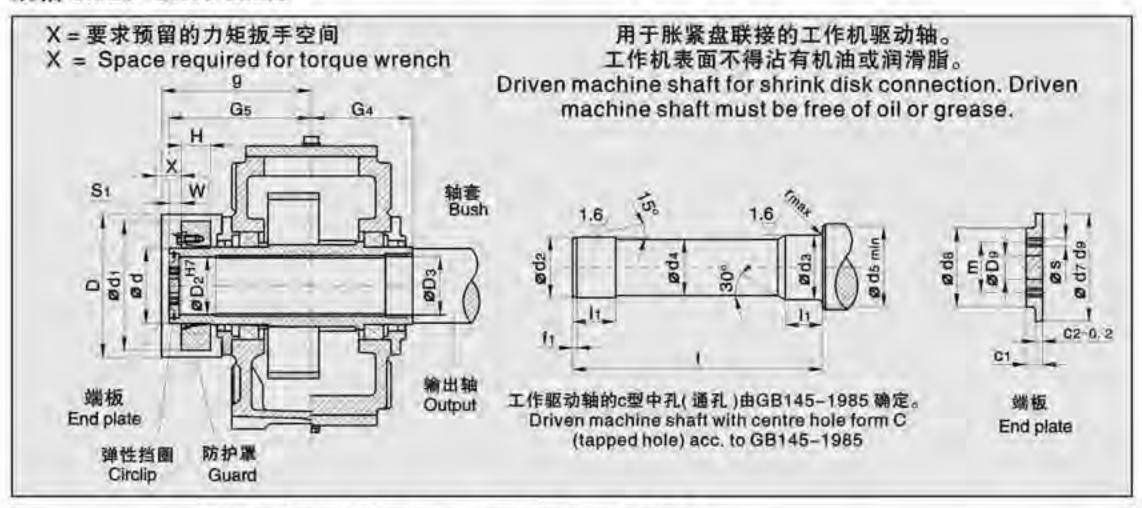


齿轮箱 Gear Units

带涨紧盘的空心轴 Hollow Shaft For Shrink Disk

类型 H2,H3,H4,B3,B4 Type H2,H3,H4,B3,B4

规格 3...26 Sizes 3...26



齿轮规格			文章 E作机! en ma	驱动等	曲2)		40,8	30	,64		ТУР		端杖			1 D, 63	D. B4D 弹性 挡圈 Ring Circlip	1		心轴 ow sh		1000000	张紧: hrink	胜1) disk			螺钉 Screw
Gear unit size	d ₂	da	d ₄	d ₅	fı	1	11	r	C ₁	C2	d ₇	da	D ₉	m	9	数量 City.	GB89/ 3.2-86	D:	D ₃	G ₄	G 5	类型 Type	d	d ₁	н	w	51
5.61							rr	ım														mm					
3		70 ga	69.5	80	4	286	38	2	17	7	75	55	22	40	M8	2	75x2.5	70	70	125	180	90-32	90	155	38	20	M10
4	85 ge	85he	84,5	95	4	326	48	2	17	7	90	70	22	50	M8	2	8 x 00	85	85	140	205	110-32	110	185	49	20	M 12
5	100 gs	100hs	99.5	114	5	383	53	2	20	8	105	80	26	55	Mto	2	105 x 4	100	100	165	240	125-32	125	215	53	20	M 12
6	110 gs	110he	109.5	124	5	383	58	3	20	8	115	85	26	60	M10	2	115 x 4	11(110	165	240	140-32	140	230	58	20	M 14
7	120 gs	120hs	119.5	134	5	453	68	3	20	8	125	90	26	65	M12	2	125 x 4	120	120	195	280	155-32	155	263	62	23	M 14
8	130 ge	130h6	129.5	145	6	458	73	3	20	8	135	100	26	70	M12	2	135 x 4	130	130	195	285	165-32	165	290	68	23	M 16
9	140 gs	145me	139.5	160	6	539	82	4	23	10	150	110	33	80	M12	2	150 x 4	140	145	235	330	175-32	175	300	68	28	M 16
10	150 ge	155me	149.5	170	6	559	92	4	23	10	160	120	33	90	M12	2	160 x 4	150	155	235	350	200-32	200	340	85	28	M 16
11	165 16	170me	164.5	185	7	644	112	4	23	10	175	130	33	90	M12	2	175 x 4	16	170	270	400	220-32	220	370	103	30	M 20
12	180 te	185ma	179.5	200	7	649	122	4	23	10	190	140	33	100	M16	2	190 x 4	180	185	270	405	240-32	240	405	107	30	M 20
13	190 to	195ma	189.5	213	7	789	137	5	23	10	200	150	33	110	MIS	2	200 x 4	190	195	335	480	260-32	260	430	119	30	M 20
14	210 fs	215me	209.5	233	8	784	147	5	28	14	220	170	33	130	M16	2	220 x 5	210	215	335	480	280-32	280	460	132	30	M 20
15	230 te	235ma	229.5	253	8	899	157	5	28	14	240	180	39	140	M16	2	240 x 5	230	235	380	550	300-32	300	485	140	35	M 24
16	240 fe	245me	239.5	263	8	899	157	5	28	14	250	190	39	150	M20	2	250 x 5	240	245	380	550	320-32	320	520	140	35	M 24
17	250 fs	260ms	249.5	278	8	982	177	5	30	14	265	200	39	150	M20	2	265 x 5	250	260	415	600	340-32	340	570	155	35	M 24
18	280 fe	285me	279.5	306	9	982	177	5	30	14	290	210	39	160	M20	2	290 x 5	280	285	415	600	360-32	360	590	162	35	M 24
19	285 ls	295m₅	284.5	316	9	1100	187	5	32	15	300	220	39	170	M24	2	300 x 5	28	295	465	670	380-32	380	640	166	40	M 27
20	310 fa	315ma	309.5	336	9	1100	187	5	32	15	320	230	39	180	M24	2	320 x 6	310	315	465	670	390-32	390	650	166	40	M 27
21	330 fe							$\overline{}$			_				M24		340 x 6	330	335	490	715	420-32	420	670	186	45	M 27
22	340 fs	345me	339	368	9	1170	215	5	40	20	350	260	45	200	M24	2	350 x 6	340	345	490	725	440-32	440	720	194	45	M 27
23		-																									
24													+	包据	用户	要求供	货										
25														(On rec	quest											
26															212	47.77											

- 1) 胀紧盘不在我们的供货范围之内。如有需要的话,请另行订货。
 - Shrink disk does not belong to our scope of supply. Please order separately, if required.
- 2) 工作机驱动轴材质:60或强度更高的钢。根据用户要求,胀紧盘可布置在工作机侧。工作机驱动轴尺寸函索即复。 Material of driver machine shaft:60 or higher strength.Shrink disk on machine side on request.Shrink disk is supplied as loose item.Dimensions of machine shaft on request.

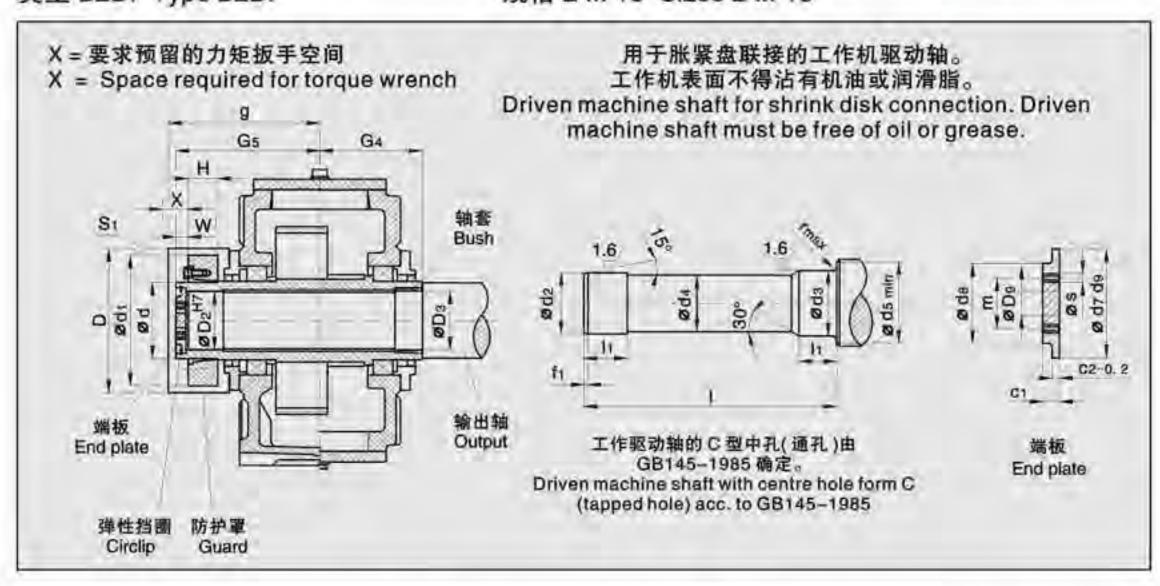
89





齿轮箱 Gear units 类型 B2D. Type B2D.

带胀紧盘联接的空心轴 Hollow shafts for shrink disks 规格 2 ... 18 Sizes 2 ... 18



									类型	y B	2D							Typ	pe B	2D.									
齿箱规格			作机等 en mad								13	對End	尚板 pla	ite			弹性 挡團 Ring Circlip	H		心軸 ow sh		8		聚盘1 nk dis			螺钉 Screw		户罩 ard
Gear unit size	d ₂	d ₃	d ₄	d ₅	f ₁	1	14	r	C ₁	C ₂	d7	da	Dg	m	s		GB89/ 3.2-86	D ₂	D ₃	G4	G ₅	类型 Type	d	d,	н	w	Sı	D	g
							mr	n														m	m						
2	60 ge	60 ge	59.5	70	3	300	36	2	13	8	65	47	22	35	M6	2	65x2.5	60	60	135	180	80-32	80	141	31	16	M10	180	200
3	70 gs	70 hs	69.5	80	4	326	38	2	17	7	75	55	22	40	M8	2	75x2.5	70	70	145	200	90-32	90	155	38	20	M10	200	220
4	85 ga	85 hs	84.5	95	4	386	48	2	17	7	90	70	22	50	MB	2	90 x 3	85	85	170	235	110-32	110	185	49	20	M12	235	250
5	100 gs	100 hs	99.5	114	5	453	53	2	20	8	105	80	26	55	M10	2	105 x 4	100	100	200	275	125-32	125	215	53	20	M12	275	285
6	110 gs	110 hs	109,5	124	5	453	58	3	20	8	115	85	26	60	M10	2	15 x 4	110	110	200	275	140-32	140	230	58	20	M14	285	285
7	120 ga	120 hs	119.5	134	5	533	68	3	20	8	125	90	26	65	M12	2	125 x 4	120	120	235	320	155-32	155	263	62	23	M14	330	335
8	130 ge	130 he	129.5	145	6	538	73	3	20	8	135	100	26	70	M12	2	135 x 4	130	130	235	325	165-32	165	290	68	23	M16	340	340
9	140 ge	145 me	139,5	160	6	609	82	4	23	10	150	110	33	80	M12	2	150 x 4	140	145	270	365	175-32	175	300	68	28	M16	360	380
10	150 ge	155 me	149.5	170	6	629	92	4	23	10	160	120	33	90	M12	2	160 x 4	150	155	270	385	200-32	200	340	85	28	M16	395	400
11	165 fe	170 ma	164.5	185	7	744	112	4	23	10	175	130	33	90	M12	2	175 x 4	165	170	320	450	220-32	220	370	103	30	M20	435	470
12	180 fe	185 me	179.5	200	7	749	122	4	23	10	190	140	33	100	M16	2	190 x 4	180	185	320	455	240-32	240	405	107	30	M20	450	470
14	210 fe	215 ms	209.5	233	8	894	147	5	28	14	220	170	33	130	M16	2	220 x 5	210	215	390	535	280-32	280	460	132	30	M20	525	555
16	240 fe	245 me	239.5	263	8	1039	157	5	28	14	250	190	39	150	M20	2	250 x 5	240	245	450	620	320-32	320	520	140	35	M24	595	645
18	280 fe	285 ms	279.5	306	9	1177	177	5	30	14	290	210	39	160	M20	2	290 x 5	280	285	510	700	360-32	360	590	162	35	M24	635	725

¹⁾ 胀紧盘不在我们的供货范围之内。如有需要的话,请另行订货。

Shrink disk does not belong to our scope of supply. Please order separately, if required.

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



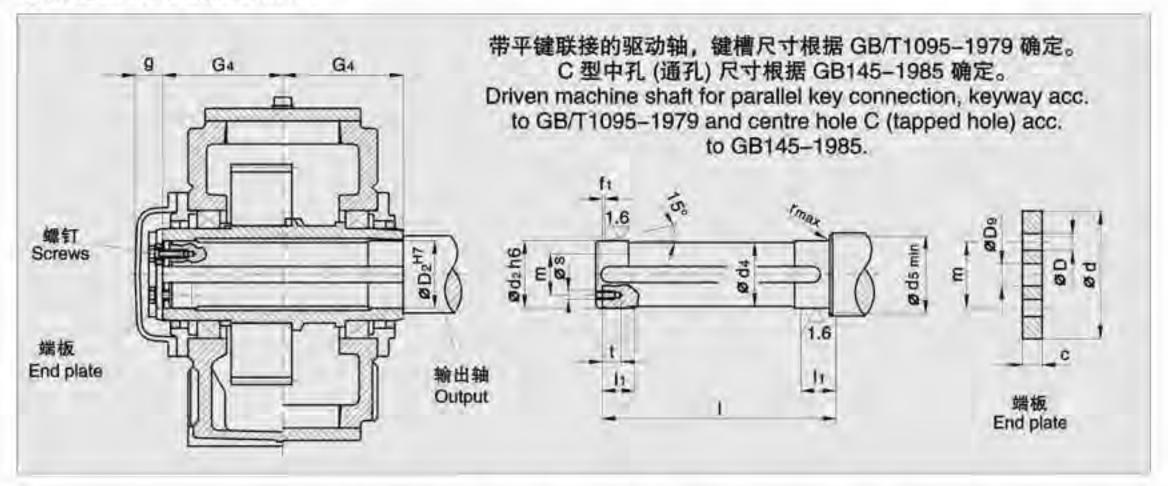


齿轮箱 Gear Units 类型 H2,H3, H4, B3, B4

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

Types H2, H3, H4, B3, B4

规格 3 ... 18 Sizes 3 ... 18



					类型H2	,H3, H4	B3, B4	Types	H2, H3	8, H4. E	3. B4								
齿轮箱		I	作机驱	动轴) Drive	en maci	hine sh	aft			端枝	End p	late		螺钉 Scn	ew	空心轴	Hollov	v shaft
规格 Gear	d ₂	d4	d ₅	ft	11	h	r	S	t	C	D	De	d	m	规格Size	数量	D ₂	G ₄	g
ınit size								ı	nm							Qty.		mm	
3	65	64.5	73	4	248	30	1.2	M 10	18	8	11	18	78	45	M 10 x 25	2	65	125	35
4	80	79.5	88	4	278	35	1.2	M 10	18	10	11	22	100	60	M 10 x 25	2	80	140	35
5	95	94.5	105	5	328	40	1.6	M 10	18	10	11	26	120	70	M 10 x 25	2	95	165	40
6	105	104.5	116	5	328	45	1.6	M 10	18	10	11	26	120	70	M 10 x 25	2	105	165	40
7	115	114.5	126	5	388	50	1.6	M 12	20	12	13.5	26	140	80	M 12 x 30	2	115	195	40
В	125	124.5	136	6	388	55	2.5	M 12	20	12	13.5	26	150	85	M 12 x 30	2	125	195	40
9	135	134.5	147	6	467	60	2.5	M 12	20	12	13.5	33	160	90	M 12 x 30	2	135	235	45
10	150	149.5	162	6	467	65	2.5	M 12	20	12	13.5	33	185	110	M 12 x 30	2	150	235	45
11	165	164.5	177	7	537	70	2.5	M 16	28	15	17.5	33	195	120	M 16 x 40	2	165	270	45
12	180	179.5	192	7	537	75	2,5	M 16	28	15	17.5	33	220	130	M 16 x 40	2	180	270	45
13	190	189.5	206	7	667	80	3	M 16	28	18	17.5	33	230	140	M 16 x 40	2	190	335	45
14	210	209.5	226	8	667	85	3	M 16	28	18	17.5	33	250	160	M 16 x 40	2	210	335	45
15	230	229.5	248	8	756	100	3	M 20	38	25	22	39	270	180	M 20 x 55	4	230	380	60
16	240	239.5	258	8	756	100	3	M 20	38	25	22	39	280	180	M 20 x 55	4	240	380	60
17	250	249.5	270	8	826	110	4	M 20	38	25	22	39	300	190	M 20 x 55	4	250	415	60
18	275	274.5	295	9	826	120	4	M 20	38	25	22	39	330	210	M 20 x 55	4	275	415	60

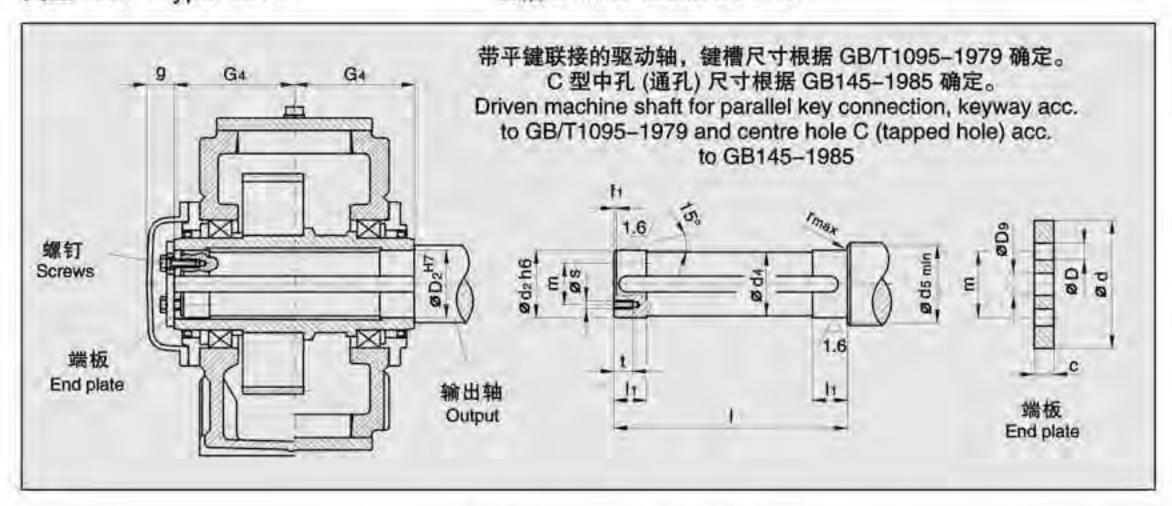
¹⁾ 工作机驱动轴材质: 60 或强度更高的钢。平键不在我们的供货范围之内。如果需要的话,请另行订货。 Material of driven machine shaft: 60 or higher strength. Parallel key does not belong to our scope of supply. Please order separately, if required.





齿轮箱 Gear Units 类型 B2H. Type B2H.

带平键联接的空心轴 Hollow Shafts for Parallel Key Connections 规格 2 ... 18 Sizes 2 ... 18



								类型 B	žΗ.	r	Ту	pe B2	H.						
齿轮 箱规 格			D		机驱动 machir	per contract of the contract of	ft				E	端板 nd pla	te		螺钉 Screw			空心轴 llow sh	- 46
Gear unit size	d ₂	d ₄	ds	f,	1	1/1	Ť	s	ı	C.	D	Dg	d	m	规格 Size	数量 Qty.	D ₂	G ₄	9
				- 5					mm									mm	
2	55	54.5	63	3	268	30	1.2	M 8	15	8	9	18	70	40	M8x20	2	55	135	35
3	65	64.5	73	4	288	30	1.2	M 10	18	8	11	18	78	45	M 10 x 25	2	65	145	35
4	80	79.5	88	4	338	35	1.2	M 10	18	10	11	22	100	60	M 10 x 25	2	80	170	35
5	95	94.5	105	5	398	40	1.6	M 10	18	10	- 11	26	120	70	M 10 x 25	2	95	200	40
6	105	104.5	116	5	398	45	1.6	M 10	18	10	11	26	120	70	M 10 x 25	2	105	200	40
7	115	114.5	126	5	468	50	1.6	M 12	20	12	13.5	26	140	80	M 12 x 30	2	115	235	40
8	125	124.5	136	6	468	55	2.5	M 12	20	12	13.5	26	150	85	M 12 x 30	2	125	235	40
9	135	134.5	147	6	537	60	2.5	M 12	20	12	13.5	33	160	90	M 12 x 30	2	135	270	45
10	150	149.5	162	6	537	65	2.5	M 12	20	12	13.5	33	185	110	M 12 x 30	2	150	270	45
11	165	164.5	177	7	637	70	2.5	M 16	28	15	17.5	33	195	120	M 16 x 40	2	165	320	45
12	180	179.5	192	7	637	75	2.5	M 16	28	15	17.5	33	220	130	M 16 x 40	2	180	320	45
14	210	209.5	226	8	777	85	3	M 16	28	18	17.5	33	250	160	M 16 x 40	2	210	390	45
16	240	239.5	258	8	896	100	3	M 20	38	25	22	39	280	180	M 20 x 55	4	240	450	60
18	275	274.5	295	9	1016	120	4	M 20	38	25	22	39	330	210	M 20 x 55	4	275	510	60

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

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





平行轴齿轮箱Helical Gear Units 实际速比Actual Ratios

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

规格 1 ... 13 Sizes 1 ... 13

						际速比 i 齿轮箱規	Actual ratio	nit sizes					
in	Y 1	2	3	4	5	6	7	8	9	10	11	12	13
1.25	1.250	-	1.243	-	1.256		1.263		1.270	1,0	- //(-	12	10
1.4	1.415		1.371		1.378		1.389		1.400				
1.6	1.605		1.594		1.588		1.606		1.625		1.636		1.58
1.8	1.829		1.829		1.839		1,774		1,800		1.806		1.83
2.0	2.000		2.000		2.034		1.966		2.000		2.000	-	2.03
2.24	2.194		2,194		2.259		2.308		2.231		2.222		2.25
2.5	2.536	=	2.536		2.520		2.583		2.500		2.480		2.52
2.8	2.808		2.808	-	2,826		2.800	- 8	2,741		2.783		2.82
3.15	3.125		3,125		3,190		3.130	-9-1	3.208		3.080		3.20
3.55	3.500		3,500		3.591		3.524		3.591		3,478		3.59
4.0	3.950		3.950		4.050	7	4.000		4.050		3.905		4.05
4.5	4.476	-	4.435		4.619		4.400		4.381		4.421		4.61
5.0	5,053		4.952		4.900		4.905		4.947		5,150		4.90
5.6	5.571		5.579		5.556		5.526		5.684		5.474		5.55
6.3	3,071		6.232	6.319	6.286		6.088	-	6.260		6.246		6.41
7.1			7.099	6.857	7.213		7.048		7.247		6.900	-	7.10
8.0	-		7.765	7.778	7.889	7,792	7.799	7.676	8.018	7.848	7.644	7.941	7.88
9.0			8.516	8.485	8.652	8.940	8.660	8.887	8.904	9.085	8.974	8.772	8.79
10	1		9.845	9.722	10.002	9,778	9.660	9.833	9,932	10.053	10.046	9.718	9.86
11.2	1		10.900	10.694	11.075	10.724	10.648	10.920	11.138	11.163	10.889	11.410	10.8
12.5			12.132	12.444	12.326	12.397	11.807	12.180	12.574	12,452	12,174	12.773	12.6
14			13.588	13.865	13.806	13.726	13.939	13.426	14.152	13.964	13.704	13.844	14.1
16			15.335	15,556	15.581	15.278	15,717	14,887	15.962	15,765	15,556	15.478	15.9
18			17.378	17.602	17.493	17.111	17.598	17.576	18.204	17.743	17,111	17.423	17.2
20			19.616	19,444	19.534	19.311	19.742	19.817	19.312	20,012	19.074	19.778	19.5
22.4			21.630	22.037	22.006	21.681	20.982	22.189	21.895	22.824	21.491	21.756	22.0
25			21.000	LEIDO	25.011	24.212	25.540	24.892	25.439	24.212	24.706	24.251	25.3
28		\rightarrow	1		28.490	27.275	27.711	26.456	29.187	27.451	28.602	27.325	29.3
31.5			_		31,161	30.999	31.433	32.202	31,924	31.894	31.648	31,412	32.5
35.5					34.177	35.312	34.291	34.940	35.013	36.593	35.144	36.366	36.0
40		=			39.508	38.622	39.292	39,633	40.474	40.024	39.200	40.238	40.2
45					43,745	42.360	43.221	43.236	44,816	43.897	43.210	44.683	45.1
50	-				48.689	48.967	50,293	49.542	49.881	50.744	47.911	49.840	50,9
56		=			54.532	54.220	56.033	54.496	55.866	56.187	56.566	54.938	57.3
63					61.543	60.347	62.867	63.413	63.049	62,537	63.778	60.916	64.6
71	-				69.742	67.589	71.139	70.651	70,787	70.041	71.414	71.919	73.7
80					78.723	76.279	78.583	79.267	79.049	79.046	80.111	81.089	78.2
90			-		86.806	86.440	89,061	89.696	89.050	88.748	85.146	90.798	88.7
100	-				50,000	97.572	101.554	99.083	101.210	99.106	103.639	101.856	103.1
112			-			107.590	115.256	112.294	115.290	111.645	112,450	108.257	118.3
125						1011000	125.733	128.046	126.098	126.890	127.556	131.769	129.3
140							143.985	145.322	138.301	144.542	139,152	142,973	141.9
160							158.251	158.533	159.874	158.093	159.444	162.178	164.0
180							174.630					176.921	181.6
200							193,629	199.533	197.028	200.439	204.089	202.722	202.1
224							228.606	220.185	220.671	221.938	227.382	222.994	226.4
250					10-		257.753	244.141	249.043	247.020	255.111	259.484	255.5
280				-			288.615	288.242	282.219	276.663	288.678	289.100	286.9
315							305.352	324.993	318.563	312.234	318.889	324.356	320.4
355							344.112	363,906	351.273	353.827	361.407	367.034	360.9
400							311.890	385.010	001.670	399.393	301,407	405.444	300.8
450	-		_					433,881		440.402		459,504	





平行轴齿轮箱 Helical Gear Units 实际速比 Actual Ratios

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

规格 14 ... 26 Sizes 14 ... 26

					齿轮箱规	格 Gear	unit sizes						i.s.
14	15	16	17	18	19	20	21	22	23	24	25	26	in
									122		200		1.25
													1.4
		+ 1						14					1.6
											5	-	1.8
	2.000		2.000		1.967								2.0
	2.231		2.250		2,296								2.2
	2.481		2.481		2.560			- 6	4				2.5
	2.760		2.760		2,870		- Em	_3	-				2.8
	3.087		3.087		3.238	7	-8	8					3.1
	3.476		3.476		3.450				-				3,5
	3.947		3.947		3.944								4.0
	4.579		4,526		4,400								4.5
	5.100		4.900		4.950								5.0
	5.778		5.556		5,700								5.6
	6.449		6.154		6.410		6.500		6,306		6.280		6.3
	7.120	7.316	7.125	7.147	7.100	7.312	7.200	7.265	7.038	7.059	6.915	7.232	7.1
7.944	7.882	8.076	7.884	8.274	7,889	8.100	8.000	8,047	7,882	7.878	7.635	7.963	8.0
8.800	8.758	8.941	8.755	9.155	8.799	9.000	8.923	8.941	8.868	8.824	8.915	8.792	9.0
9.778	9.774	9.935	9.765	10.167	9,788	10.038	9.926	9,973	9.780	9.926	9,939	10.266	10
10.906	10.967	11.087	10.951	11.340	10.887	11.167	11.040	11.094	10.878	10.948	11,141	11.445	11.2
12.222	12.139	12.440	12.432	12.717	12.176	12.420	12.348	12.339	12.166	12.176	12.571	12.829	12.5
13.399	13.708	13.769	13.915	14.438	13.712	13.891	13.905	13.801	13.700	13.619	13.394	14.476	14
15.685	15.389	15.550	15.694	16,159	15,570	15.643	15.789	15.541	15.557	15.336	15.314	15.424	16
17.556	17.424	17.457	17.899	18.225	18.061	17,763	18.316	17.647	17.839	17.415	17.082	17.634	18
19.800	20.297	19,765	18.988	20.786	20,117	20.605	20,400	20.471	19.312	19,969	19.218	19,671	20
21.418	21.374	23.024	20.930	22.050	21.782	22.950	22.368	22.800	22.039	21.618	21.108	22.129	22.4
24.187	24.716	24.245	24.202	24,306	25,283	24.850	25.837	25,000	25.457	24.671	24.322	24.306	25
27.292	27.304	28.036	26.736	28.106	28.006	28.844	28.523	28.877	28.103	28.497	28.157	28.007	28
31.447	30.248	30.971	29.619	31.048	31,117	31.950	31.579	31.879	31.115	31.459	31,156	32,424	31.6
36.406	35.514	34.311	34.776	34.397	34.708	35.500	35.088	35.294	34.572	34.830	34.598	35.876	35.5
40.283	39,756	40.284	38.929	40.385	38.897	39.596	39.158	39,216	38.582	38,700	38.591	39.840	40
44.733	43.090	45.096	42.194	45,208	42.642	44.375	43.936	43.765	43,290	43.189	43.278	44.438	45
49.896	48.175	48.878	47.174	49.000	49.917	48.648	48.632	49.105	47.916	48.459	49.132	49.835	50
55.957	54,229	54.647	53.102	54.783	55.870		54,920	54.353	54,112	53.638	54.990	56.576	56
						56.948		400 100					_
63,171	61.557	61.514	60.278	61,667	63,013	63.739	61.654	61.381	60.747	60.573	62.021	63.322	63
71.100	67.713	69.826	66.306	70.000	68.162	71.888	69.806	68,908	68.780	68.001	70.735	71.418	71
80.190	75.481	76.809	73.912	77.000	76.974	77.762	81.316	78.019	80,120	76.992	75.037	81,452	80
91.457	85.046	85.620	83.279	85,833	88.439	87.816	86.427	90.882	85.156	89.687	85.076	86.407	90
97.020	97.768	96.471	95.735	96.711	100.079	100,895	99.020	96.594	97.564	95.323	100.783	97.967	100
110.00	113,186	110.901	110.833	111.176	115.862	114.174	109,386	110.670	107.778	109.214	111.637	116.054	112
127.803	125.238	128.390	122,634	128.710	128,198	132,180	121.182	122.255	119.400	120.647	124.041	128,552	125
146.633	139.074	142.060	136.183	142.414	142.362	146.254	142.279	135.439	140.186	133,657	138.354	142.835	140
60.380	155.125	157.756	151.900	158.148	158.792	162.413	159.273	159.017	156.931	156.925	155.051	159,316	160
175.901	170,993	175.962	167.438	176,400	178.079	181,156	172,632	178,011	170,093	175.669	169.982	178,544	180
203.339	189.597	193.962	185.656	194.444	201.040	203.160	193.004	192,941	190.166	190.402	198.983	195.737	200
225.149	223.845	215.065	219.192	215.600	226.272	229.355	217.257	215,711	214.062	212.872	222.710	229.132	224
250.594	252,385	253.914	247.139	254.545	255.201	258.141	246.617	242.817	242.990	239.622	251,183	256.454	250
280.665	282,605	286.288	276,730	287,000	291.058	291 144	271,278	275.630	267.289	272.004	271.709	289.241	280
316.751	317.021	320.566	310.431	321.364	308,761	332.052	302.399	303.193	297.952	299.204	306.839	312.877	315
355.625	336,946	359.606	329,942	360.500	350.069	352.249	340,720	337.975	335.710	333,528	352.538	353,329	355
397,131		382,207		383.158		399.375		380.805		375.794		405.953	400





直交轴齿轮箱 Bevel-helical Gear Units 类型 B2...B3...B4.. Types B2...B3...B4..

实际速比 Actual Ratios

规格 1 ... 13 Sizes 1 ... 13

					头	际速比!	Actual ratio	os i					
ře.						齿轮箱规	NA Gear	unit sizes					
M.	-3	2	3	4	5	6	7	8	9	10	-11	12	13
5.0	4.980	5.043	4.895	4.936	5.006		4,865		5.002		4.897		4.967
5.6	5.566	5.636	5.471	5.480	5.488		5.333		5,483		5.534		5.613
6.3	6,455	6.526	6.334	6.296	6.386	6,205	6.206	6.135	6.381	6.271	6.296	6.226	6.386
7.1	7.068	7.158	6.947	6.959	7.058	6.802	6.860	6.725	7.053	6.875	7.037	7.036	7.138
8.0	7.668	7.765	7.536	7.549	7.657	7.915	7.880	7.825	8.101	8.000	7.994	8.005	8.108
9.0	8.829	8.941	8.678	8.693	8.817	8.749	8,569	8.649	8.810	8.842	8.693	8.947	8.817
10	10.027	10.154	9.855	9.872	10.108	9.490	9.823	9,935	10.099	10.157	9.965	10.164	10.108
11.2	10,938	11.077	10.751	10.769	10.923	10.928	10.615	10.804	10.914	11.045	10.769	11.052	10.923
12.5	12.458	12.615	12.244	12.034	12.703	12.528	12.433	12.385	12.554	12.662	12.334	12.670	12.482
14	14.005	14.182	13,765	13,484	13.964	13.538	13.515	13,385	14.137	13.683	13,821	13,692	13.72
16	15.441	15.636	15.176	15,601	15.835	15,826	16.275	15.773	15.952	15,693	15.522	15.888	16.354
18	17.595	17.818	17.294	17.482	17.407	17.307	17.692	17.041	17,963	17.724	17.393	17,572	17.978
20			19.336	19.614	19.645	19.729	19.948	20.648	20.259	19.940	19.744	19.995	20.276
22.4			21.609	21.919	21.954	21.575	22.146	22.308	22.208	22.520	21.643	22.114	22.226
25			25.021	25.380	25.421	24.349	25,446	25.152	25.843	25.400	25.185	25.103	25.86
28			27.442	27.836	27.881	27.211	28,125	27,923	28,563	27.842	27.836	27.517	28.58
31.5			29.769	30.196	30.245	31,508	30.509	32.084	30.985	32.400	31.975	32.021	32.83
35.5			34.279	34.771	34.827	34.557	35.131	35.461	35.679	35.811	34.771	35.392	35.709
40			38.928	39,487	39.551	37.486	39.896	38.468	40.902	38.846	39.861	40.654	40.936
45			42.467	43.077	43.146	43.166	43.523	44.296	44.202	44.732	43.077	44.209	44.238
50			48.365	49.060	49.139	49.021	49.568	50,304	50.341	51.280	49.060	50.681	50.383
56			54.371	55.152	55.240	53.477	55.723	54.877	56.592	55.417	55.152	54.769	56.63
63			59.947	60.808	60.906	60.904	61.438	62.499	62.396	63.114	60,808	62,376	62.448
71			68.312	69.293	69.404	68.467	70.011	70.259	71,102	70.951	69.293	70.121	71.16
80					77.598	75.489	79.267	77.465	79.497	78.228	80.949	77.313	82.118
90					86.720	86.022	88.585	88.274	88.842	89.143	89.869	88.101	90.016
100					100.413	96.178	102.572	99.945	102,869	99.667	103,259	102,921	104.75
112					110.130	107.484	112.498	111.694	112,824	111.384	114.129	114,262	115.77
125					119,466	124.455	122,035	129.330	122.389	128.971	123.804	131.287	125.59
140					137.567	136.499	140.525	141.846	140.933	141.452	142.562	145.106	144.62
160					156.225	148.071	159.585	153.871	160.047	153.443	161.897	157.408	165.79
180					170.427	170.506	174.092	177.184	174.597	176.692	176.615	181.258	179.16
200					194.098	193.631	198.272	201.215	198.847	200.656	201.145	205.841	204.05
224		1			218.199	211,234	222.891	219,508	223.537	218.898	226,121	224.554	229.38
250					240.578	240.572	245.752	249.995	246.464	249.300	249.313	255.742	252.91
280					274.147	270.443	280,042	281,036	280.855	280.256	284.101	287.497	288.20
315					302.121	298.181	308.618	309.861	309.513	309.000	313.091	316.984	317.61
355				1		339.788		353.097		352.116		361.214	
400				177		374.460		389,127		388.046		398,073	
450												18/12	





直交轴齿轮箱 Bevel-helical Gear Units 类型 B2.., B3.., B4.. Types B2.., B3.., B4..

实际速比 Actual Ratios

规格14 ... 26 Sizes 14 ... 26

					齿轮箱规	格 Gear	unit sizes						
14	15	16	17	18	19	20	21	22	23	24	25	26	iN
	4.963					1.41							5,0
	5.609	5.630	5.514										5.6
6.156	6.340	6.362	6.234				-	-					6.3
6.957	7.132	7.192	7.012	7.239				20	7				7.1
7.915	8.101	8.090	7.965	8.143			1	90					8.0
8.847	8.810	9,190	8.662	9.250				P. Alban	and the				9.0
10.049	10.099	9.993	9.930	10.059									10
10.928	10.914	11.456	10.731	11.531									11.3
12.528	12.172	12.380	12.770	12.462	12.062		12.256						12.5
13.538	13.810	13,832	13.790	14.654	13.709	13.698	13.902	13.719					14
15.552	15.215	15.665	16.226	16.014	15.192	15.640	15.436	15.538				1	16
17.007	17.262	17,290	17,522	18.620	17.267	17.252	17.510	17.279	1		200		18
20.376	19.379	19.581	19.762	20.348	19.607	19.698	19.883	19.570	19.591		19.284		20
22.282	21.900	21.982	22.333	22.950	22.158	22,368	22.470	22.222	22.139	21,930	21,793	22.206	22;
25.131	24.916	24.842	25.409	25.936	25.048	25.278	25.400	25.113	25.027	24.783	24.635	25.095	25
27,548	27.847	28.263	28.398	29.507	28.175	28.576	28.571	28.389	28.151	28,015	27.711	28.368	28
32.057	31.634	31.588	32.259	32.979	32.005	32.143	32.456	31.933	31,979	31.513	31.478	31.909	31.
35.432	34.400	35.883	35.080	37.463	34.804	36.513	35.294	36,275	34.775	35.797	34.231	36.248	35.
40,700	39.435	39.021	40.215	40.738	39.899	39.706	40,461	39.446	39.866	38.927	39.241	39.417	40
44.259	42.617	44.732	43.460	46.702	43.117	45.518	43.725	45.221	43.082	44.626	42.407	45.187	45
50.737	48.536	48.341	49,496	50.469	49.106	49.190	49,798	48.869	49.065	48.226	48.297	48.833	50
54.831	54.562	55.055	55.641	57.479	55.203	56.022	55.981	55.656	55.158	54.924	54.294	55.615	56
62,446	60.158	61.892	61,348	64.616	60.865	62.978	61.722	62.567	60,815	61,744	59.863	62.520	63
70.200	68.553	68.239	69,909	71.243	69.358	69.438	70.335	68,984	69.301	68.076	68,216	68.933	71
77,400	78,131	77.761	76.506	81.184	79,977	79.127	77.639	78.610	76.497	77.575	78.100	78,551	80
88.200	85.645	88.626	83.865	88.846	87.670	91.242	87.739	86,772	86.448	85.631	88.260	89.933	90
101.780	99.664	97.150	97,593	97.391	102.020	100.017	99.821	98.061	98.353	96,770	100.414	101.633	100
111.569	110,155	113.052	107.865	113.333	112.759	116.389	111.565	111.565	109.924	110.097	112.228	115.629	112
129,831	126,535	124.952	123.904	125.263	129,526	128.641	126.733	124.690	124.870	123.049	127.487	129.232	125
143.498	137.599	143.532	134.739	143.889	140.851	147.769	137.815	141.643	135.788	139.780	138.634	146,803	140
155.663	157.741	156.082	154.462	156.471	161.470	160.690	157.989	154.029	155.665	152.002	158.928	159.639	160
179.284	170.467	178.930	166.923	179.375	174.496	184.212	170.735	176.576	168.224	174.252	171.749	183.008	180
205.487	194.143	193.365	190.107	193.846	198.732	199.073	194.448	190.821	191.588	188.310	195.603	197.772	200
222.065	218.249	220,222	213.712	220.769	223,408	226.722	218.592	217.324	215,377	214.464	219.891	225.240	224
252.907	240.634	247.566	235.631	248.182	246.322	254.874	241.012	244.309	237.467	241.094	242.444	253.208	250
284,310	274.210	272.957	268.510	273.636	280,692	281.015	274.641	269,366	270.602	265.822	276.274	279.178	280
313.470	302.191	311.045	295.909	311.818	309.334	320.226	302.666	306,952	298,215	302.913	304.465	318.133	315
357.210		342,784		343,636		352.902		338.273		333.823		350,596	355
393.660													400
													450





平行轴齿轮箱 Helical Gear Units

转动惯量 Ji Mass Moments of Inertia Ji

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

规格 1 ... 13 Sizes 1 ... 13

转动惯量 J2(单位 kgm²) 是指相对于齿轮箱输出轴d2的转动惯量,可按下式计算: J2= iN²XJ1。

转动惯量 J₁(单位 kgm²) 是指相对于齿轮箱输入轴d₁的转动惯量,输入轴不带风扇。

如果输入轴dr上带有风扇,则应加上 JL。

The mass moment of inertia J_2 in kgm² refers to the output shaft d_2 of a gear unit and is calculated with the following formula: $J_2 = iN^2xJ_1$.

The mass moment of inertia J₁ in kgm² refers to the input shaft d₁ of a gear unit without fan.

160					齿轮箱	具格 Gearu	nit sizes					
100	T.	2 3	4	5	6	7	8	9	10	11	12	13
1.25	0.0048	0.0285		0.1570		0.4228		0.9271			1	
1.4	0.0042	0.0259		0.1432		0.3849		0.8413				
1.6	0.0037	0.0244		0.1249		0,3345		0.7272		1,7511		3.738
1.8	0.0033	0.0197		0.1088		0,3045		0.6590		1.5889	-	3.218
2.0	0.0030	0.0182		0.0991		0.2769		0.5960		1.4383	1	2,904
2.24	0.0028	0.0167		0.0901		0.2390	2 0	0.5376		1.2975		2.611
2.5	0.0023	0.0148		0.0816		0.2159	F 3	0.4830		1.1653		2.337
2.8	0.0021	0.0134		0.0738		0,2010	7 7	0.4432		1.0408		2.079
3.15	0.0015	0.0092		0.0500		0.1402		0.3105		0.8423		1.671
3.55	0.0013	0.0081		0.0437		0.1225	F - 5	0.2728		0.7361		1.473
4.0	0.0012	0.0070		0.0380		0.1058		0.2373		0.6465		1.285
4.5	0.00087	0.0052		0.0297		0.0861		0.1996	-	0.4956		0.965
5.0	0.00074	0.0045		0.0276		0.0748		0.1707		0.4062		0.893
5.6	0.00065	0.0038		0.0233		0.0640		0.1410		0.3747		0.755
JL	0.00000	0.060		0.045		0.100		0.100		0.290		0.290
6.3		0.0055	0.0149	0.0329		0.0907		0.1995		0.5118	-	1.087
7.1		0.0046	0.0134	0.0275		0.0746		0.1640		0.4473		0.948
8.0		0.0041	0.0114	0.0245	0.0393	0.0655	0.1092	0.1438	0.2364	0.3906	0.6361	0.825
9.0		0.0037	0.0102	0.0243	0.0323	0.0574	0.0884	0.1260	0.1916	0.3178	0.5491	0.717
			0.0086	0.0182		0.0500	0.0767		0.1664	0.2760	0.4736	
10		0.0030			0.0285			0.1097				0.621
11.2		0.0026	0.0076	0.0159	0.0252	0.0441	0.0665	0.0940	0.1443	0.2486	0.3780	0.554
12.5		0.0020	0.0053	0.0116	0.0207	0.0334	0.0574	0.0712	0.1244	0.1899	0.3241	0.421
14	-	0.0017	0.0045	0.0100	0.0179	0.0266	0.0501	0.0604	0.1057	0.1615	0.2895	0.364
16		0.0014	0.0038	0.0084	0.0133	0.0224	0.0383	0.0508	0.0804	0.1348	0.2226	0.311
18		0.0012	0.0032	0.0071	0.0113	0.0189	0.0302	0.0416	0.0676	0.1162	0.1872	0.276
20		0.00099	0.0028	0.0060	0.0094	0.0160	0.0252	0.0382	0.0565	0.0992	0.1549	0.233
22.4		0.00086	0.0023	0.0050	0.0079	0.0147	0.0211	0.0320	0.0460	0.0833	0.1328	
25					0.0067		0.0178		0.0421		0.1125	
28			1200		0.0056		0.0163		0.0351		0,0938	2/22
JL			0.006	0.010	0.010	0.045	0.045	0.045	0.045	0.100	0.100	0.290
22.4										- A	1	0.280
25				0.0065		0.0162		0.0391		0.1026		0.228
28				0.0054		0.0144		0.0325		0.0833		0.186
31.5				0.0048	0.0069	0.0121	0.0173	0.0289	0.0414	0.0724	0.1105	0.162
35.5				0.0042	0.0057	0.0107	0.0153	0.0256	0.0342	0.0629	0.0892	0.142
40				0.0034	0.0050	0.0089	0.0128	0.0215	0.0303	0.0545	0.0773	0.123
45				0.0030	0.0044	0.0078	0.0113	0.0189	0.0268	0.0481	0.0668	0.107
50				0.0023	0.0036	0.0057	0.0093	0.0136	0.0223	0.0359	0.0577	0.076
56	14			0.0019	0.0031	0.0049	0.0082	0.0117	0.0196	0.0283	0.0507	0.064
63				0.0016	0.0024	0.0041	0.0060	0.0099	0.0142	0.0238	0.0380	0.054
71		1,0		0.0012	0.0020	0.0032	0.0051	0.0074	0.0121	0.0190	0.0298	0.042
80				0.0010	0.0017	0.0028	0.0043	0.0062	0.0102	0.0160	0.0250	0.038
90				0.00087	0.0013	0.0023	0.0034	0.0052	0.0077	0.0145	0.0199	0.031
100					0.0011		0.0029	1	0.0065	7.4.4.	0.0167	
112				Harrison	0.00090	F-,	0.0024		0.0054		0.0152	-
JL				0.006	0,006	0.010	0,010	0.020	0.020	0.045	0.045	0.04
100		- 11/1				0.0033		0.0067		0.0175		0.039
112				1, 1		0.0027		0.0055		0.0156		0.032
125						0.0024	0.0033	0.0049	0.0068	0.0131	0.0179	0.028
140	1 -			7		0.0020	0.0028	0.0043	0.0056	0.0116	0.0160	0.025
160						0.0018	0.0025	0.0035	0.0050	0.0097	0.0134	0.020
180				-		0.0015	0.0021	0.0030	0.0044	0.0085	0.0119	0.018
200					_	0.0013	0.0018	0.0023	0.0035	0.0059	0.0099	0.013
224				-		0.00097	0.0016	0.0023	0.0033	0.0059	0.0086	0.011
250		_				0.00081	0.0013	0.0016	0.0023	0.0043	0.0061	0.009
			_	-			0.00098					
280						0.00065		0.0013	0.0020	0.0035	0.0052	0.007
315						0.00060	0.00082	0.0011	0.0016	0.0030	0.0043	0.006
355 400						0.00050	0.00066	0.00096	0.0014	0.0025	0.0036	0.005
					1				0.0011		0.0031	





平行轴齿轮箱 Helical Gear Units

转动惯量 J₁ Mass Moments of Inertia J₁

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

规格 14 ... 26 Sizes 14 ... 26

转动惯量 J2 (单位 kgm²) 是指相对于齿轮箱输出轴d2的转动惯量,可按下式计算: J2= iN²XJ1。

转动惯量 Ji (单位 kgm²) 是指相对于齿轮箱输入轴di的转动惯量、输入轴不带风扇。

如果输入轴di上带有风扇,则应加上 JL。

The mass moment of inertia J₂ in kgm² refers to the output shaft d₂ of a gear unit and is calculated with the following formula: J₂ =i_N²xJ₁.

The mass moment of inertia J1 in kgm2 refers to the input shaft d1 of a gear unit without fan.

						見格 Gearu							ÍN
14	15	16	17	18	19	20	21	22	23	24	25	26	1000
				00000									1.2
													1,4
													1.6
			24.0010										1.8
	6.8655		11.6548		21.8584		-	-					2.0
	6.1491		10.3549		18.6492		-	3	65		-		2.2
_	5.5216	_	9.3831		16.6673			-37		_		-	2.5
_	4.9573		8.4273	-	14.7965	-					-	-	2,8
	3.9096		6.7095 5.8542		11.9834						-	-	3.1
	2.9306		5.0470		9.5179		-	-			_		4.0
	2.3019		4.0029		7.8709						-	-	4.5
	1.9601		3.5545		6.6571							-	5.0
	1.6568		3.0066	_	5.5019		_					1	5.6
	0.690		0.690		0.690						-		JL
	2.6799		5.2845		10.5289								6.3
	2.3538	2.8931	4.3679	5.7591	9.2492	11.3721	12.2959						7.1
1.2839	2.0651	2.5287	3.8397	4.7220	8.1117	9.9364	10.7071	13.2150				-	8.0
1,1082	1.8080	2.2077	3.3666	4.1290	7.0946	8.6683	9.3069	11.4516					9.0
0.9553	1.5782	1.9236	2.9408	3.6012	6.2359	7.5421	8.1419	9.9054	13.82				10
0.8216	1.3718	1.6710	2.5560	3.1293	5.4896	6.5975	7.1415	8.6256	12.15	14.70			11.3
0.7041	1.1198	1.4455	2.0404	2.7059	4.4208	5.7819	5.6707	7.5325	9.45	12.87			12.
0.6231	0.9578	1.1799	1.7645	2.1567	3.7953	4.6544	4.8559	5.9832	8.09	10.02	15.28		14
0.4721	0.8265	1.0050	1.5114	1.8573	3.2226	3.9795	4,1218	5.1024	6.86	8.54	12.83	16.31	16
0.4044	0.6730	0.8639	1.2153	1.5843	2.5603	3.3655	3.2191	4.3129	5.49	7.20	10.74	13.62	18
0.3434	0.5438	0.7022	1.1227	1.2714	2.2165	2.6665	2.7632	3.3611	4.90	5.75	8.99	11.37	20
0.3032	7	0.5653		1.1726		2.3021		2,8777		5.12		9.49	22.4
0.2542	1												25
													28
0.290	0.290	0.290	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	JL
	0.7409		0.8137		1.6434		3.7138		5.010	2000	10.05		22.4
	0.6011	0.7603	0.6552	0.8546	1.3216	1.7165	3.0172	3.8090	3.991	5.183	8.05	10.46	25
0.2974	0.5232	0.6156	0.5669	0.6857	1.1429	1.3759	2.6255	3,0886	3,426	4.121	6.43	8.36	28
0.2413	0.4553	0.5351	0.4909	0.5920	0.9874	1.1871	2.2815	2.6841	2.937	3.533	5.53	6.66	31.5
0.1960	0.3689	0.4650	0.3943	0.5113	0.8515	1.0232	1.9780	2.3293	2.511	3.024	4.74	5.72	35.5
0.1705	0.3198	0.3759	0.3398	0.4091	0.7323	0.8803	1.7091	2.0167	2.139	2.581	4.04	4.89	40
0.1483	0.2896	0.3254	0.3064	0.3516	0.6501	0.7552	1.4696	1.7402	1.813	2.195	3.44	4.17	45
0.1287	0.2106	0.2944	0.2241	0.3165	0.4647	0.6692	1.1988	1.4943	1.477	1.858	2.73	3.53	50
0.1114	0.1782	0.2145	0.1886	0.2322	0.3961	0.4786	1.0146	1.2189	1.234	1.514	2.32	2.80	56
0.0793	0.1491	0.1812	0.1569	0.1949	0.3344	0.4073	0.8665	1.0304	1.042	1.263	1.95	2.38	63
0.0669	0.1216	0.1515	0.1289	0.1619	0.2818	0.3431	0.6700	0.8790	0.803	1.065	1.48	2.00	71
0.0564	0.1034	0.1235	0.1093	0.1330	0.2352	0.2893	0.5346	0.6798	0.633	0.821	1.35	1.51	80
0.0435	0.0865	0.1050	0.0911	0.1126	0.1898	0.2410	0.4883	0.5418	0.575	0.646	1.11	1.38	90
0.0398	1 1 1 1	0.0877		0.0937		0.1943		0.4946		0.587		1.13	100
0.0329	0.400	0.400	0.100	0.400									112
0.045	0.100	0.100	0.100	0.100	0.0464		0.0000		0.070		4 677		JL
	0.1080	0.1000	0.1130	0.1140	0.2401	0.0400	0.6098	0.0147	0.679	0.000	1.344	4.000	100
0.0400	0.0875	0.1089	0.0916	0.1149	0.1936	0.2436	0.5276	0.6147	0.582	0.688	1.158	1.363	112
0.0403	0.0760	0.0881	0.0796	0.0930	0.1681	0.1962	0.4561	0.5316	0.501	0.590	0.995	1.172	125
0.0331	0.0570	0.0664	0.0598	0.0701	0.1254	0.1702	0.3653	0.4594	0.398	0.403	0.854	0.863	140
0.0292	0.0498	0.0573	0.0524	0.0606	0.1065	0.1268	0.3140	0.3158	0.303	0.403	0.730	0.863	180
0.0258	0.0380	0.0501	0.0324	0.0530	0.0811	0.1268	0.2809	0.2825	0.233	0.306	0.488	0.651	200
0.0211	0.0380	0.0382	0.0393	0.0398	0.0681	0.0820	0.2157	0.2825	0.196	0.236	0.417	0.651	224
0.0136	0.0250	0.0301	0.0259	0.0398	0.0569	0.0688	0.1506	0.1829	0.162	0.198	0.353	0.492	250
0.0115	0.0230	0.0251	0.0239	0.0262	0.0463	0.0574	0.1297	0.1514	0.102	0.163	0.353	0.356	280
0.0096	0.0210	0.0211	0.0218	0.0221	0.0424	0.0467	0.1097	0.1299	0.136	0.139	0.261	0.314	315
0.0090	0.0162	0.0211	0.0169	0.0186	0.0363	0.0427	0.0916	0.1103	0.097	0.118	0.212	0.263	355
	O.OTOE	0.0162	0,0109	0.0170	0,0000	0.0366	U.Ua IU	0.0920	v.ua.	0.098	313,0	0.213	400
0.0068		MALE LANGE											





直交轴齿轮箱 Bevel-helical Gear Units

转动惯量 Ji Mass Moments of Inertia Ji

类型 B2...B3...B4.. Types B2...B3...B4...

规格 1 ... 13 Sizes 1 ... 13

转动惯量J2(单位 kgm²) 是指相对于齿轮箱输出轴d2的转动惯量,可按下式计算: J2= iN²XJ1。

转动惯量J₁(单位 kgm²) 是指相对于齿轮箱输入轴d₁的转动惯量,输入轴不带风扇。

如果输入轴di上带有风扇,则应加上JL。

The mass moment of inertia J₂ in kgm² refers to the output shaft d₂ of a gear unit and is calculated with the following formula: J₂ =in²xJ₁.

The mass moment of inertia J1 in kgm2 refers to the input shaft d1 of a gear unit without fan.

671						齿轮箱规	現格 Gearu	nit sizes					
IN	1	2	3	4	5	6	7	8	9	10	11	12	13
5.0	0.0021	0.0049	0.0314	0.0314	0.0707		0.1988		0.4403		1.2743		2.7700
5.6	0.0019	0.0043	0.0096	0.0262	0.0604		0.1691		0.3744		1.0697		2.341
6.3	0.0016	0.0035	0.0076	0.0228	0.0495	0.0805	0.1365	0.2276	0.2988	0.4986	0.8428	1.4755	1.852
7.1	0.0014	0.0033	0.0071	0.0197	0.0420	0.0687	0.1207	0.1931	0,2543	0.4229	0.7257	1.2273	1.622
8.0	0.0012	0.0027	0.0057	0.0152	0.0321	0.0555	0.0875	0.1542	0.1874	0.3346	0.5250	0.9645	1.174
9.0	0.0010	0.0023	0.0052	0.0129	0.0295	0.0470	0.0786	0.1352	0.1709	0.2837	0.4753	0.8231	1.061
10	0.00084	0.0018	0.0039	0.0104	0.0250	0.0363	0.0681	0.0985	0.1456	0.2097	0.4072	0.6005	0.921
11.2	0.00079	0.0017	0.0037	0.0093	0.0214	0.0327	0.0590	0.0879	0.1241	0.1897	0.3493	0.5392	0.795
12.5	0.00054	0.0012	0,0028			0.0274		0.0752		0.1599		0.4557	
14	0.00043	0.00098	0.0023			0.0235	-	0.0650		0.1363		0.3909	
16	0.00040	0.00082	0.0019										
18	0.00031	0.00063	0.0015										
JL	0.005	0.006	0.010	0.020	0.045	0.045	0.100	0.100	0.100	0.100	0.290	0.290	0.690
12.5	100000			0.0073	0.0159		0.0445		0.0995		0.2740		0.615
14				0.0071	0.0156	7	0.0436		0.0967		0.2671		0.602
16				0.0060	0.0136	0.0174	0.0368	0.0487	0.0842	0.1084	0.2344	0.3029	0.514
18				0.0059	0.0133	0.0168	0.0363	0.0474	0.0825	0.1040	0.2300	0.2925	0.506
20			0.0023	0.0055	0.0124	0.0145	0.0339	0.0393	0.0770	0.0897	0.2146	0.2527	0.474
22.4	+ -		0.0021	0.0047	0.0105	0.0141	0.0282	0,0385	0.0657	0.0870	0.1822	0.2461	0.402
25			0.0017	0.0039	0.0083	0.0130	0.0243	0.0356	0.0534	0.0805	0.1462	0.2270	0.319
28			0.0015	0.0036	0.0077		0.0209	0.0296	0.0452	0.0687	0.1286	0.1926	0.271
31.5			0.0013	0.0029	0.0062	0.0087	0.0162	0.0253	0.0348	0.0555	0.0936	0.1539	0.200
35.5			0.0011	0.0024	0.0055	0.0080	0.0137	0.0218	0.0315	0.0470	0.0837	0.1349	0.181
40	+		0.00089	0.0019	0.0041	0.0065	0.0110	0.0169	0.0265	0.0363	0.0720	0.0983	0.153
45	-		0.00083	0.0018	0.0039	0.0057	0.0098	0.0142	0.0227	0.0326	0.0626	0.0877	0,131
50	-	-	0.00057	0.0013	0.0030	0.0043	0.0081	0.0114	0.0178	0.0274	0.0469	0.0751	0.102
56		-	0.00046	0.0011	0.0025	0.0040	0.0068	0.0102	0.0146	0.0235	0.0384	0.0649	0.085
63			0.00042		0.0021	0.0031	0.0059	0.0084	0.0124	0.0184	0.0326	0.0489	0.072
71	-		0.00033	0.00067	0.0016	0.0026	0.0033	0.0070	0.0100	0.0150	0.0262	0.0400	0.058
80			0.00000	0.00001	0.0010	0.0021	0,0047	0.0061	0.0100	0.0128	0.0202	0.0339	0.000
90				-		0.0016		0.0048		0.0102		0.0272	
JL	1		0.005	0.006	0.010	0.010	0.020	0.020	0.045	0.045	0.100	0.100	0.290
80	-		0.000	0.000	0.0024	0.010	0.0057	0.020	0.0129	.0.040	0.0350	.0.100	0.079
90	-			-	0.0021		0.0049		0.0110		0.0291	-	0.067
100					0.0018	0.0024	0.0040	0.0058	0.0086	0.0131	0.0250	0.0358	0.054
112		-			0.0016	0.0022	0.0037	0.0049	0.0079	0.0111	0.0235	0.0297	0.046
125	_				0.0013	0.0018	0.0030	0.0049	0.0064	0.0087	0.0167	0.0254	0.035
140					0.0011	0.0016	0.0025	0.0038	0.0057	0.0081	0.0141	0.0219	0.032
160	+				0.00091	0.0013	0.0020	0.0031	0.0043	0.0065	0.0113	0.0219	0.027
180	-					0.0011	0.0020		0.0040	0.0058	0,0101		0.023
200					0.00085	0.00092	0.0013	0.0025		0.0058	0.0083	0.0143	-
-		- 4							0.0031		100000000000000000000000000000000000000		0.018
224			-		0.00047	0.00086	0.0011	0.0018	0.0025	0.0041	0.0070	0.0102	0.014
250	-	-		-	0.00043		0.00089	0.0014	0.0021	0.0031	0.0060	0.0084	0.012
280						0.00047	0.00069	0.0011	0.0016	0.0026	0.0048	0.0071	0.010
315					0.00028	0.00043	0.00058	The State of the S	0.0014	0.0021	0.0040	0.0061	0.008
355 400						0.00034		0.00069		0.0016		0.0048	_





直交轴齿轮箱 Bevel-helical Gear Units

转动惯量 Jr Mass Moments of Inertia Jr

类型 B2..,B3..,B4.. Types B2..,B3..,B4..

规格 14...26 Sizes 14...26

转动惯量J2(单位 kgm²) 是指相对于齿轮箱输出轴d2的转动惯量,可按下式计算: J2= iN²XJ1。

转动惯量J·(单位 kgm²) 是指相对于齿轮箱输入轴d·的转动惯量、输入轴不带风扇。

如果輸入轴d1上带有风扇,则应加上JL。

The mass moment of inertia J_2 in kgm² refers to the output shaft d_2 of a gear unit and is calculated with the following formula: $J_2 = iN^2xJ_1$.

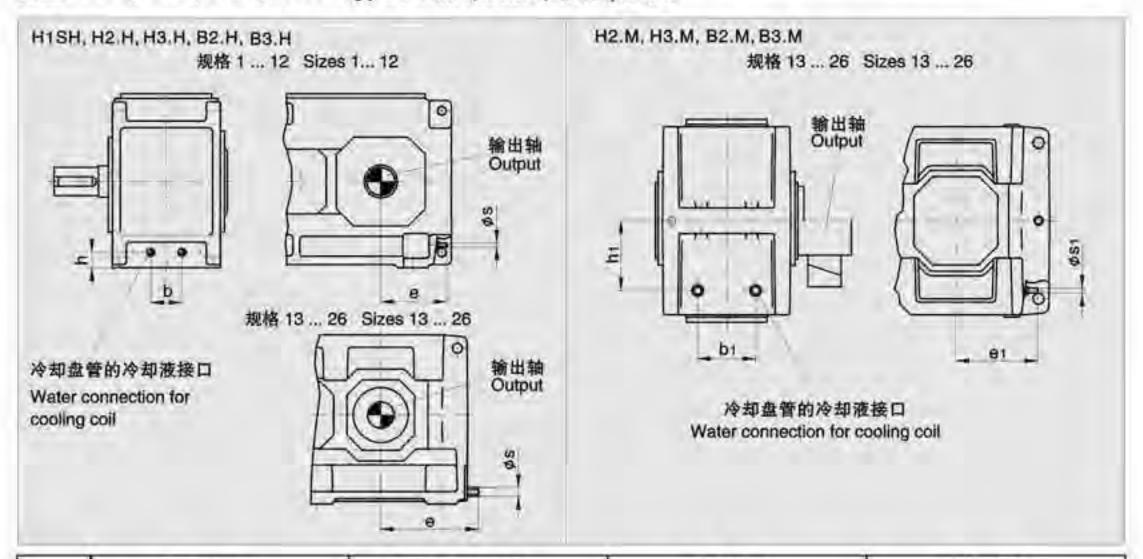
The mass moment of inertia J1 in kgm2 refers to the input shaft d1 of a gear unit without fan.

					齿轮箱法	规格 Gearu	nit sizes						in
14	15	16	17	18	19	20	21	22	23	24	25	26	10
	6.1753	1,0											5.0
	5.3415	6.6007	10.3549										5.6
3.0962	4.4466	5.6746	8.5744										6.3
2.5972	3.7296	4.7073	7.1324	9.0369									7.
2.0500	2.7508	3.9356	5.0109	7.4979					į				8.0
1.7802	2,5048	2.9105	4.5186	5.2942			- 4	37.4	4.0				9.0
1,2968	2.1468	2,6398	3.8518	4.7581			- 5		gr.				10
1.1653	1.7964	2.2495	3.3164	4.0340				100					-11.
1.0001		1.8843		3.4725				7					12.
0.8634													14
													16
													18
0.690	0.690	0.690	0.690	0.690									Ji
	1.6952		3.4843		7.8896		8.3877						12.
	1,6558	1.7505	3.4451	3.5988	7.7305	8.0659	8.2186	8.6052					14
0.6638	1,4797	1.7023	3.0661	3,5397	6.9989	7.8400	7,4408	8.3643					16
0.6456	1,4545	1.5152	3.0418	3.1370	6.8398	6.9560	7.2717	7.4142					18
0.5424	1.3716	1.4843	2.8806	3.1004	6.3626	6.8399	6.7643	7.2972	12.93				20
0.5318	1.1459	1.3952	2.4284	2.9267	5.4882	6.4527	5.8027	6.8842	10.90	13.15	13.51		22
0.4938	0.9016	1.1644	1.9196	2.4645	4.5614	5.5587	4,8075	5.8965	8.99	11.07	11.03		25
0.4189	0.7728	0.9159	1.6758	1.9474	3.8203	4,6166	4.0148	4.8809	7,45	9.12	9.06	11.34	28
0.3317	0.5615	0.7842	1.2159	1,6981	2,8212	3,8639	2.9719	4.0729	5,24	7.55	6.49	9.30	31.
0.2812	0.5062	0.5703	1.0968	1.2332	2.5642	2.8550	2.6917	3.0169	4.70	5.32	5.76	6.68	35.
0.2079	0.4306	0.5137	0.9481	1.1114	2.1920	2,5928	2.2890	2.7297	3.98	4.77	4.78	5.92	40
0.1882	0.3694	0.4363	0.8188	0.9592	1,8351	2.2138	1,9182	2.3180	3.42	4.03	4.11	4.90	45
0.1587	0.2765	0.3743	0.5713	0.8283	1,4000	1.8537	1.4641	1.9429	2,58	3,46	3.11	4.21	50
0.1353	0.2284	0.2802	0.4692	0.5787	1.1439	1.4144	1.1946	1.4832	2.16	2.61	2.58	3.19	56
0.1060	0.1956	0.2314	0.4054	0.4750	1.0429	1.1553	1.0845	1.2097	1.98	2.19	2.33	2.65	63
0.0878	0.1587	0.1981	0.3333	0.4101	0.8730	1.0522	0.9051	1.0970	1.62	2.01	1.89	2.38	7
0.0745	0.1001	0.1605	0.0000	0.3369	0.0700	0.8802	0.0001	0.9147	77702	1.64	1100	1.93	80
0.0601		0,1000		0.0000		0.0002		0.01.47		1.04		1,00	90
0.290	0.290	0.290	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	Jt
0.200	0.2219	0.200	0.2276	0.000	0.4955	0.000	1,4120	0.000	1,519	0,000	3.158	0.000	80
_	0.1883	0.2234	0.1931	0.2307	0.4203	0.5009	1.1776	1.4199	1.261	1.533	2.645	3.188	90
0.0807	0.1507	0.1896	0.1542	0.1956	0.3327	0.4248	0.9261	1.1838	0.991	1,272	2.087	2.669	10
0.0688	0.1323	0.1516	0.1352	0.1561	0.2821	0.3360	0.7924	0.9309	0.844	0.999	1.810	2.106	11
0.0556	0.0964	0.1310	0.0985	0.1367	0.2085	0.2848	0.5767	0.7962	0.617	0.851	1.320	1.825	12
0.0471	0.0861	0.0969	0.0879	0.0997	0.2083	0.2106	0.5190	0.7302	0.553	0.622	1.185	1.331	14
0.0364	0.0738	0.0866	0.0752	0.0889	0.1591	0.1905	0.4404	0.5215	0.466	0.557	1.015	1.194	16
0.0327	0.0638	0.0868	0.0752	0.0760	0.1357	0.1605	0.3778	0.4423	0.400	0.470	0.876	1,022	18
777		1 - 2 - 1 - 1 - 1 - 1	0.0490			0.1605	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.4423	200		0.576		20
0.0274	0.0481	0.0641		0.0657	0.1063	-	0.2829	1 1 1 1 1 1 1 1 1	0.300	0.403	110.7	0.882	-
0.0235	0.0393	0.0483	0.0400	0.0495	0.0880	0.1071	0.2335	0.2842	0.247	0.302	0.504	0.620	22
0.0184	0.0333	0.0395	0.0339	0.0404	0.0747	0.0887	0.1998	0.2345	0.211	0.249	0.438	0.508	25
0.0151	0.0267	0.0335	0.0272	0.0343	0.0603	0.0753	0.1619	0.2007	0.170	0.212	0.355	0.441	28
0.0128	0.0217	0.0269	0.0221	0.0275	0.0493	0.0607	0.1289	0.1625	0.136	0.172	0.286	0.358	31
0.0103		0.0218		0.0223		0.0497		0.1294		0.137	_	0.288	35





齿轮箱 Gear Units 冷却盘管 Cooling Coils 卧式安装 Horizontal 规格 1 ... 26 Sizes 1 ... 26 类型 H..H, H..M, B..H, B..M Types H..H, H..M, B..H



規格			텔 H19 e H19	2. 7.			/pe H						텔 H3. e H3.				7.0	型 B2. e B2.	0.2	
Size	b mm	e mm	h mm	S	1)	b	e mm	h mm	8	1)	b mm	e	h	S	1)	b mm	é mm	h mm	S	1)
1	30	150	45	G1/4	4	(3)		0	150		~	-	TEST		-	64	125	40	G1/4	4
2	*	100	2	-	100	7	1.70	-	-	15	2	73	3	220	3	78	130	40	G1/4	4
3	48	205	74	G 1/2	4	34	130	55	G 1/2	4	-	-	-	-	-	58	140	52	G 1/2	4
4	-	-20	~		200	34	155	60	G 1/2	4	100	10. 4 .30		-	-	74	160	54	G 1/2	4
5	88	270	90	G 1/2	4	68	170	64	G 1/2	4	70	175	60	G 1/2	4	130	175	62	G 1/2	8
6	8		0-0	12	Lee-	70	215	68	G 1/2	4	70	220	69	G 1/2	4	120	220	68	G 1/2	4
7	124	310	135	G 1/2	4	100	210	83	G 1/2	4	80	210	83	G 1/2	4	140	210	80	G 1/2	8
- 8	-	-	+	-	-	100	270	83	G 1/2	4	80	270	83	G 1/2	4	140	270	80	G 1/2	4
9	116	365	110	G 1/2	8	140	245	110	G 1/2	8	150	245	107	G 1/2	4	232	245	110	G 1/2	8
10	~	-	-	11.00	-	100	295	95	G 1/2	8	90	295	95	G 1/2	4	150	295	90	G 1/2	8
11	146	425	130	G 1/2	8	110	275	95	G 1/2	8	200	275	115	G 1/2	8	312	275	115	G 1/2	8
12	THE	-	-	- 1	-	200	360	109	G 1/2	В	200	360	115	G 1/2	8	300	360	115	G 1/2	8
13	152	480	150	G 1/2	8	252	455	116	G 1/2	8	252	460	116	G 1/2	8	324	460	116	G 1/2	8
14	-	-	-	-	-	252	525	116	G 1/2	8	252	530	116	G 1/2	8	324	530	116	G 1/2	8
15	172	560	130	G 1/2	8	290	535	119	G 1/2	8	290	540	119	G 1/2	8	396	540	119	G 1/2	В
16	(-1)	-	-	-	-	290	580	119	G 1/2	8	290	585	119	G 1/2	8	396	585	119	G 1/2	8
17	202	600	145	G 1/2	8	340	575	134	G 1/2	8	300	580	134	G 1/2	8	468	580	134	G 1/2	8
18	-	-	-	-	-	340	635	134	G 1/2	8	300	640	134	G 1/2	8	468	640	134	G 1/2	8
19	根据月	用户要	求供货	On re	quest	Ani Am r	n di a	- N 711 71		0.01	400 400	T 4. T	Acres 1							
20 - 26		提据用户要求供货 On reque					刊户要	来供及	on re	quest	根据	用尸要	水供货	e On red	quest					

规格			H2.M/B3. H2.M/B3.					类型 H3.N ype H3.N					类型 B2.M ype B2.M		
Size	b ₁	e ₁ mm	h _t mm	S ₁	1)	b ₁	e ₁	h, mm	S ₁	1)	b ₁	e ₁ mm	h, mm	S ₁	1)
13	252	335	300	G 1/2	8	252	335	300	G 1/2	8	324	335	300	G 1/2	8
14	252	405	300	G 1/2	8	252	405	300	G 1/2	8	324	405	300	G 1/2	8
15	290	395	335	G 1/2	8	290	395	340	G 1/2	В	396	390	345	G 1/2	8
16	290	440	335	G 1/2	8	290	440	340	G 1/2	8	396	435	345	G 1/2	8
17	340	425	380	G 1/2	8	300	425	380	G 1/2	8	324	425	395	G 1/2	8
18	340	485	380	G 1/2	8	300	485	380	G 1/2	8	324	485	395	G 1/2	8
9 - 26		根据用户	要求供货	On request			根据用户	要求供货	On request	1	-		-		

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

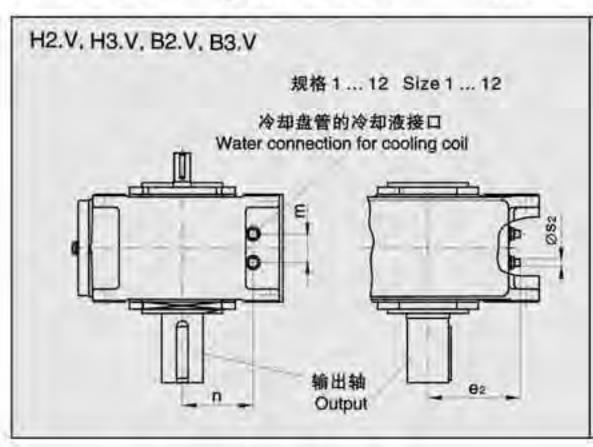


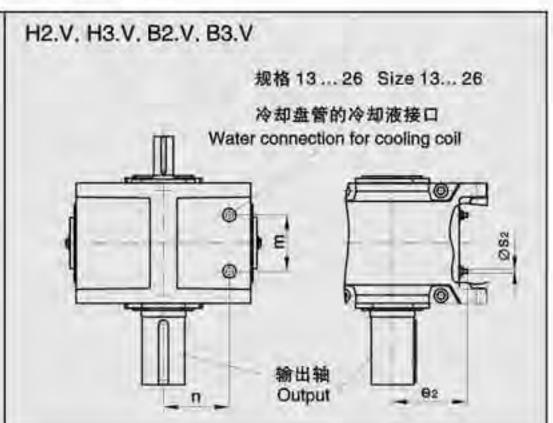


齿轮箱 Gear Units 冷却盘管 Cooling Coils 立式安装 Vertical

类型 H..V, B..V Types H..V, B..V

规格 1... 26 Sizes 1 ... 26





規格	- 4	类型 H2.V/E	33.V Type	e H2.V/B3.V			类型 H3.	V Typ	e H3.V			类型 B2.	V Type B	2.V	
Size	mm	n mm	ez mm	\$2	1)	m	mm	mm 92	S ₂	(1)	mm	n mm	e2 mm	92	(1)
1		1,000			-		181	1985	-	F. 80.7	64	90	125	G1/4	4
2	-	-		-	~	-	-	-		-	78	105	130	G1/4	4
3	34	120	130	G1/2	4			-	350		.58	123	140	G1/2	4
4	34	140	155	G 1/2	4	-	- 8-	-		-	74	146	160	G 1/2	4
5	68	166	170	G 1/2	4	70	170	175	G 1/2	4	130	168	175	G 1/2	8
6	70	162	215	G 1/2	4	70	161	220	G 1/2	4	120	162	220	G 1/2	4
7	100	197	210	G 1/2	4	80	197	210	G 1/2	4	140	200	210	G 1/2	8
8	100	197	270	G 1/2	4	80	197	270	G 1/2	4	140	200	270	G 1/2	4
9	140	210	245	G 1/2	8	150	213	245	G 1/2	4	232	210	245	G 1/2	8
10	100	225	295	G 1/2	8	90	225	295	G 1/2	4	150	230	295	G 1/2	8
11	110	285	275	G 1/2	8	200	265	275	G 1/2	8	312	265	275	G 1/2	8
12	200	271	360	G 1/2	8	200	265	360	G 1/2	8	300	265	360	G 1/2	8
13	252	300	335	G 1/2	8	252	300	335	G 1/2	8	324	300	335	G 1/2	8
14	252	300	405	G 1/2	8	252	300	405	G 1/2	8	324	300	405	G 1/2	8
15	290	335	395	G 1/2	8	290	340	395	G 1/2	8	396	345	390	G 1/2	8
16	290	335	440	G 1/2	8	290	340	440	G 1/2	8	396	345	435	G 1/2	8
17	340	380	425	G 1/2	8	300	380	425	G 1/2	8	324	395	425	G 1/2	. 8
18	340	380	485	G 1/2	8	300	380	485	G 1/2	8	324	395	485	G 1/2	8
19-26		根据用户要	要求供货	On request			根据用户到	要求供货	On request				-		

类型	规格	燙格 浸油润滑 Dip lubrication				法兰泵强制润滑 Forced lubrication with flanged on pump				电动泵强制润滑 Forced lubrication with motor pump			
Types	Size	超	5用布置形式	t for desig	gn	這	适用布置形式 for design 适用布置形式 for design			适用布置形式 for		gn	
		Α	В	C	D	A	В	C	D	Α	В	C	D
	4	X	×	X	X	-							
H2.V	5-12	X	×	x	×	-	×	- X	×				
2754	13-18	-	~	-	~	-	x	-	×				
H3. V	5-12	X	X	×	X		X		x				
HO. V	13 - 18	~	~		~		X	-	x		in in m A	医光供表	
-	4	X	×	X	x	100		· · · ·				要求供贷 equest	
B2.V	5-12	×	×	X	X	×	×	-			Onte	adnesi	
-	13 - 18	-		-	-	x	×						
	4	X	X	X	X	-		-					
B3.V	5-12	X	X	×	×	_	~	X	×				
	13 - 18	- 2	-	. =54	-		-	X	X				

X=可供货 x = Possible variants

¹⁾ 冷却液需要量 (1/min) Required cooling water quantity (I/min) 冷却盘管适用于淡水、海水和半咸水。 Cooling coil suitable for fresh, sea and brackish.





齿轮箱 Gear Units

润滑油供给方式可选方案 Oil Supply for

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

规格 1 ... 18 立式安装 Sizes 1 ... 18 Vertical

各种润滑油供给方式 Oil supply variants

立式安装齿轮箱所用的各种润滑油供给方式列于表1

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

类型1) Types	规格Size	浸油润滑 Dip lubrication	法兰泵强制润滑 Forced lubrication, flanged on pump	电动泵强制润滑 Forced lubrication, motor pump
H2.V	5 12 13 18	×	×	2.1.0
H3.V	5 12 13 18	×	×	×
H4.V	7 12 13 18	×	×	×
B2.V	5 12 13 18	×	×	×
B3.V	5 12 13 18	<u>x</u>	×	×
B4.V	5 12 13 18	×	×	×

X=可供货 X=Possible variants

- 1) 采用实心轴、带储油管的齿轮箱所用的各种润滑油供给方式见110页表14。
- 1) For possible variants for gear units with solid shaft and oil retaining tube, see page 110, table 14

推荐供油方式 Preferred order:

规格 6号(含)以下各型:漫油润滑,规格 7号以上各型:强制润滑

up to size 6: dip lubrication from size 7 up: forced lubrication

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

浸油润滑Dip lubrication:

当用浸油润滑时, 所有需要润滑的零部件均需浸在润滑油液中。

附带的补偿油箱用于储藏涨溢的油液。

选择依据参见104页。

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

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

criteria for selection, see page 104

强制润滑 Forced lubrication:

当采用强制润滑时,所有未浸在润滑油液中的零部件均通过一个法兰联接油泵或单独的电动油泵进行飞溅润滑。 选择依据参见105-109页。

In case of forced lubrication, all parts which are not lying in oil are splash lubricated by means of a flanged-on pump or by a separate motor pump, criteria for selection, see pages 105-109





齿轮箱 Gear Units 浸油润滑方式 Dip Lubrication for

类型 H2...H4, B2...B4

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

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

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

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

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

F7-1						类型	Types		No.		3	
规格	H2.	V	НЗ	.v	H4.	V	82	·V	B3.	٧	B4.	V
Size	ĬN	n imax	in	n max	in	N1max	in	n (max)	in	Dimax	in	Dima
1	-	-	5	*	8	B.	5-6.3 7.1-8 9-18	1200 1500 1800	~		181	В
2		*	-	3	131	8	5-5.6 6.3-8 9-10 11.2-18	1000 1200 1500 1800	191	-	1080	*
3	6.3-7.1 8-10 11.2-22.4	1200 1500 1800	(31)	(2)	31	9	5-7.1 8-9 10-12.5 14-18	1000 1200 1500 1800	20-71	1800	(3)	*
4	6.3-10 11.2-12.5 14-22.4	1200 1500 1800	[47]	-	13-71	6-	5-5.6 6.3-7.1 8-9 10-11.2	750 900 1000 1200	12,5-71	1800	-	×
5	6.3-9 10-12.5 14-16 18-22.4	1000 1200 1500 1800	25-90	1800	2	4	6.3-7.1 8-9 10-11.2	750 900 1000	12.5-71	1800	80-315	1800
6	8-11.2 12.5-16 18-20 22.4-28	1000 1200 1500 1800	31.5-112	1800	0	×	9 10–11.2 12.5–14	750 900 1000	16-90	1800	100-400	180
7	6.3-7.1 8-9 10-11.2 12.5-16 18-22.4	750 900 1000 1200 1500	25-90	1800	100-355	1800	9-10 11.2	750 900	12.5-25 28-71	1500 1800	80-315	1800
8	8-9 10-11.2 12.5-14 16-20 22.4-28	750 900 1000 1200 1500	31.5-112	1800	125-450	1800	11.2-12.5 14	750 900	16-31.5 35.5-90	1500 1800	100-400	1800
9	6.3-7.1 8-10 11.2-22.4	1200 1500 1800	25-90	1800	100-355	1800	5-5.6 6.3-7.1 8-10 11.2	900 1000 1200 1500	12.5-71	1800	80-315	1800
10	8-9 10-12.5 14-28	1200 1500 1800	31.5-112	1800	125-450	1800	6.3-7.1 8-9 10-12.5 14	1000 1200 1500	16-90	1800	100-400	180
11	6.3-7.1 8-10 11.2-12.5 14-22.4	1000 1200 1500 1800	25-90	1800	100-355	1800	5.6-6.3 7.1-8 9-10 11.2	750 900 1000 1200	12,5-22,4 25-71	1500 1800	80-315	180
12	8-9 10-12.5 14-16 18-28	1000 1200 1500 1800	31.5-112	1800	125-450	1800	7.1-8 9-10 11.2-12,5 14	750 900 1000 1200	16-28 31.5-90	1500 1800	100-400	180

ni和iN值不在表2所列范围内的齿轮箱必须采用强制润滑方式。

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

3 Table3		
40℃以下的ISO – VG粘度 mm²/s (cst)		及限温度,C limit in C for dip lubrication
Viscosity ISO – VG at 40 ℃ in mm²/s(cst)	矿物油 Mineral oil	合成油 Synthetic oil
VG 220	-15	-25
VG 320	-12	-25
VG 460	-9	-25

若油温低于表中所列数值,则必须对润滑油进行加热。

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

当采用浸油润滑时,油温不得低于所用润滑油的倾点。

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





平行轴齿轮箱 Helical Gear Units 类型 H2 ... H4 Types H2 ... H4

强制润滑方式 Forced Lubrication for 规格 5 ... 18 立式安装 Sizes 5 ... 18 Vertical

40℃以下的			强制润滑允许极限温度℃ Permissible temperature limit in℃ for forced feed lubrication						
ISO - VG粘度, mm²/s(cSt) Viscosity ISO - VG	矿物油 N	Mineral oil	合成油 Synthetic oil						
at 40 °C in mm²/s(cSt)	最低 min	最高 max	最低 min	最高 max					
VG 220	10	80	Ò	90					
VG 320	15	90	5	100					
VG 460	20	95	10	105					

强制润滑:

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

Forced lubrication:

In case of forced lubrication, the operating Viscosity 1800 cSt must not be exceeded during starting. Aminimum operating viscosity of 25 cSt must been sured. If the temperatures are below the values as listed in table 4, dip Lubrication has to be provided or the oil must Beheated.

		Assi		e装平行轴箱采用流 d-on pumps to ve		units		
Ju Go		2.4.2.4	值规格 nit size	法兰泵规格		齿轮箱规格 Gearunitsize		法兰泵规格
类型 Types	1/min	5,7,9,11	6,8,10,12	Flanged-on	13,15,17 14 16,18			Flanged-or
1,700	77100	速比 Ratio		pumpsize		速比 Ratio		Pump size
H2.V1)	750 - 1800	6.3-22.4	8-28	KSW1	6.3-22.4	8-28	7.1-25	KSW2
		25-35.5	31.5-45	KSW2	22,4-35,5	28 - 45	25 - 40	KSW3
	1201 - 1800	40 - 71	50-90	KSW3	40 - 71	50 - 90	45 - 80	KSW4
		80 - 90	100-112		80 -90	100 - 112	90 - 100	
H3.V1)		25 - 50	31.5-63	KSW3	22.4-25	28-31.5	25 - 28	KSW3
Ho.VIII	901 – 1200	56 - 90	71-112		28 - 45	35.5-56	31.5-50	KSW4
					50 - 90	63-112	56 - 100	
	750 - 900	25-35.5	315-45	KSW3	22.4-35.5	28 - 45	25 - 40	KSW4
	750 - 900	40 - 90	50 - 112		40 - 90	50 - 112	45 - 100	
	1201 - 1800	100 - 180	125 - 224	KSW3				
	1201 - 1800	200 - 335	250 - 450					
H4.V1)	901 – 1200	100 - 125	125 - 160	KSW3	100 - 355	125 - 450	112 - 400	
	901-1200	140 - 335	180 – 450	-				
	750 - 900	100 - 335	125 - 450	-	4-5			

Design BD.

^{*=}Motor pump require,see table 7.

¹⁾布置形式B,D.





平行轴齿轮箱 Helical Gear Units 类型 H2 ... H4 Types H2 ... H4

强制润滑方式 Forced Lubrication for 规格 5... 18 立式安装 Sizes 5 ... 18 Vertical

6 Table6								
		N. a.	立式安	安装平行轴箱采用法	法兰泵	CV.		
		Assi	gnment of flange	d-on pumps to ve	rtical helical gear	units		-
OME work		100000000000000000000000000000000000000	箱规格 unit size	法兰泵规格			法兰泵规格	
类型 Types	1/min	5,7,9,11	6,8,10,12	Flanged-on	13,15,17	14	16,18	Flanged-or
Types	Trainer	100000000000000000000000000000000000000	Ratio	pump size		速比 Ratio		Pump size
H2.V1)	750 - 1800	6.3-22.4	8 - 28	KSW1	6.3-22.4	8 - 28	7:1-25	KSW2
		25-40	31.5-50	KSW2	22.4-50	28 - 63	25 - 56	KSW3
	1201 - 1800	45 - 90	56-112	KSW3	56-90	71 - 112	63 - 90	KSW4
							100	*
		25 - 56	31.5-71	KSW3	22,4-31.5	28-40	25 - 35.5	KSW3
H3.V ⁽¹⁾	901 - 1200	63 – 90	80 - 112	1 000	35.5 - 56	45-71	40-63	KSW4
					63 – 90	80-112	71 – 100	1.6
		25-45	31.5-56	KSW3	22.4-25	28 - 31.5	25 - 28	KSW3
	750 - 900	50-90	63 - 112	4.80-	28-45	35,5 - 56	31.5 - 50	KSW4
					50-90	63 - 112	56- 100	
	1201 – 1800	100 - 224	125 - 280	KSW3				
	1207 - 1600	250 - 355	315 - 450					
H4.V1	901 – 1200	100 - 140	125 - 180	KSW3	100 - 355	125 – 450	112 - 400	
114.7 11	901 - 1200	160 - 355	200 - 450		100 - 333	120 - 450	112-400	
	750 - 900	100 - 112	125 - 140	KSW3				
	150 - 500	125 - 335	160 - 450					

[&]quot;=所需电动泵,参见表7

1) 布置形式A,C DesignA,C

		齿轮箱采用法兰泵 imps to vertical helical gear units	
类型 Types	规格 Sizes	布置方式 Design	油泵 Pump
H2.V	5 18	A/B/C/D	1)
	5 18	A/C	SF 2/8
H3.V	5 12	no.	SF 2/8
	13 18	B/D	SF 2/13
	7 12	1/0	SF 2/8
H4.V	13 18	A/C	SF 2/13
	718	B/D	SF 2/13

¹⁾ 只提供法兰泵 Flanged-on pump only

^{*=}Motor pump require,see table 7.





直交轴齿轮箱 Helical Gear Units 类型 B2 ... B4 Types B2 ... B4

强制润滑方式 Forced Lubrication for 规格 5 ... 18 立式安装 Sizes 5 ... 18 Vertical

40°C以下的ISOVG-粘度,	强制润滑允许	午极限温度℃ Permissible temp	erature limit in °C for forced fee	ed lubrication
mm/s(cSt) Viscosity ISO-Vgat40°C	矿物油(Mineral oll	合成油 S	ynthetic oil
in mm/s(cSt)	最低 min	最高 max	最低 min	最高 max
VG220	10	80	0	90
VG320	15	90	5	100
VG460	20	95	10	105
		A		

强制润滑 Forced lubrication:

当使用强制润滑时,工作粘度不得超过1800cSt。

最低工作粘度不得小于25cSt。

当油温低于表8所列的数值时,必须提供浸油润滑方式,或者对润滑油进行加热。

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

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

	立式安	装直交轴箱采用流	长兰泵 Assignme	ent of flanged-on p	numps to vertical	bevel-helical gea	r units	
000		齿轮箱规格(Gear unit size	法兰泵规格	齿轮	箱规格 Gear unit	size	法兰泵规格
类型 Types	nı 1/min	5,7,9,11	6,8,10,12	Flanged-on	13,15,17	14	16,18	Flanged-or
Art.		速比 A	atio IN	Pump size		速比 Ratio in		Pump size
	1001 1000	5-6.3	6.3-8	KSW1	5-8	6.3-10	5.6-9	KSW2
	1201-1800	7.1-11.2	9-14	KSW2	9-11.2	11.2-14	10-12.5	KSW3
	004 4000	58	6.3-10	KSW2	5	63	56	KSW2
B2.V1)	901 – 1200	9-11.2	11.2-14	KSW3	5.6-11.2	7.1-14	6.3-12.5	KSW3
		5-6.3	6.3-8	KSW2	5-10	6.3-12.5	5.6-11.2	KSW3
	750 – 900	7.1-10	9-12,5	KSW3	112	14	125	
		112	14	-3-				
	V004 4000	12.5-35.5	16-45	KSW2	12.5-35.5	16-45	14-40	KSW3
	1201-1800	40-71	50-90	KSW3	40-71	50-90	45 - 80	KSW4
	-	12.5-25	16-31.5	KSW2	12.5-25	16-31.5	14-28	KSW3
B3.V1)	901 – 1200	28-50	35.5-63	KSW3	28-50	35.5-63	31.5-56	KSW4
		56-71	71-90	(a)	56-71	71-90	63-80	
	750 000	12.5-35.5	16-45	KSW3	12.5-35.5	16-45	14-40	KSW4
	750 – 900	40-71	50-90	nnuit III	40-71	50-90	45-80	
		80-125	100-160	KSW2				
	1201-1800	140-250	180-315	KSW3				
		280-315	355-400			4.00		
B4.V11	200	80-180	100-224	KSW3	80 - 315	100 - 400	90 - 355	
9	901 – 1200	200-315	250-400	130				
	700 000	80-125	100-160	KSW3				
	750 – 900	140-315	180-400	/•		11		





直交轴齿轮箱

Helical Gear Units

Forced Lubrication for 强制润滑方式

表 10	Table 10							
		Assig		装直交轴箱采用法 d-on pumps to ver		cal gear units		
类型	n,	The state of the s	f规格 nit size	法兰泵规格			法兰泵规格	
SATITION .		5, 7, 9, 11	6, 8, 10, 12	Flanged-on	13, 15, 17	14	16, 18	Flanged-on
Types	1/min	速比	Ratio	pump size		速比 Ratio		pump size
		1	N		iN			
	1001 1000	5-6.3	6,3-8	KSW 1	5-6.3	6.3-8	5.6-7.1	KSW 2
	1201 - 1800	7.1-11.2	9-14	KSW 2	7.1-11.2	9-14	8-12.5	KSW 3
4 10	004 4000	5-8	6.3-10	KSW 2	5-10	6.3-12.5	5.6-11.2	KSW 3
B2.V 1)	901 - 1200	9-11.2	11.2-14	KSW 3	11.2	14	12.5	
		5-6.3	6.3-8	KSW 2	5-7.1	6.3-9	5.6-8	KSW 3
	750 - 900	7.1-10	9-12.5	KSW 3	8-11.2	10-14	9-12.5	
	200-100	11.2	14					
	10.000	12,5-35.5	16-45	KSW 2	12.5-22.4	16-28	14-25	KSW 2
	1201 – 1800	40-71	50-90	KSW 3	25-50	31.5-63	28-56	KSW 3
					56-71	71-90	63-80	KSW 4
		12.5-25	16-31.5	KSW 2	12.5-35.5	16-45	14-40	KSW 3
B3.V ²⁾	901 - 1200	28-50	35.5-63	KSW 3	40-56	50-71	45-63	KSW 4
GES.		56-71	71-90	-	63-71	80-90	71-80	
		12.5-35.5	16-45	KSW 3	12.5-25	16-31.5	14-28	KSW 3
	750 - 900	40-71	50-90		28-40	35.5-50	31.5-45	KSW 4
					45-71	56-90	50~80	
	1001 1000	80-100	100-224	KSW 3				
	1201 - 1800	200-315	250-400	1.00				
11	001 1000	80-125	100-160	KSW 3	90 215	100.400	00 255	-
B4, V 1)	901 - 1200	140-315	180-400		80-315	100-400	90-355	
	750 000	80-90	100-112	KSW 3				
	750 – 900	100-315	125-400					_

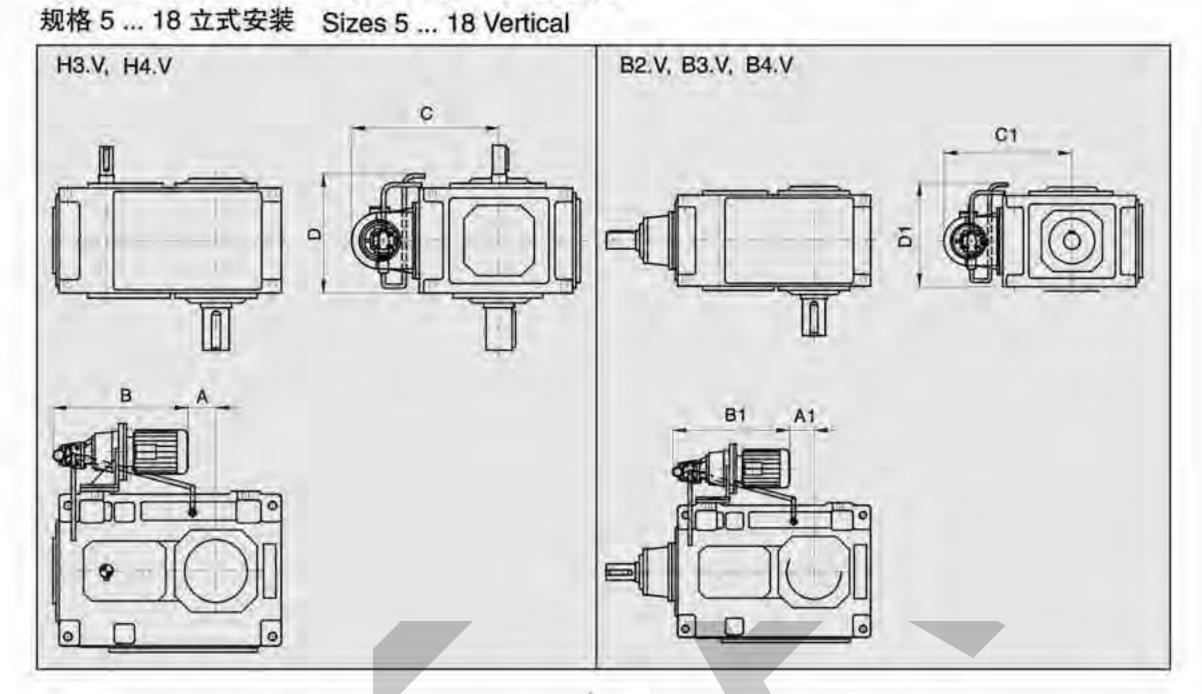
1) 布置形式 C, D Design C, D 2) 布置形式 A, B Design A, B

	立式安装直交轴齿 Assignment of flanged-on pu	轮箱采用法兰泵 mps to vertical helical gear units		
类型 Types	规格 Size	布置方式 Design	油泵 Pump	
	512	A/B	SF 2/5	
B2.V	13 18	A 7 B	SF 2/8	
	5 18	C/D	SF 2/8	
	512	A/B	SF 2/8	
B3. V	13 18	A/B	SF 2/13	
D3. V	5 12	C/D	SF 2/8	
	13 18	0/6	SF 2/13	
	5 12	1.00	SF 2/8	
P. V	13 18	A/B	SF 2/13	
B4. V	5 12	CID	SF 2/8	
	1318	C/D	SF 2/13	





齿轮箱 Gear Units 电动泵强制润滑方式 Mounted Motor Pumps 类型 H3, H4, B2, B3, B4 Types H3, H4, B2, B3, B4



		表格	12 Table 1	2					表格	13 Table 13	1		
安装尺寸 Mounting dimensions on mm					安装尺寸 Mounting dimensions on mm								
类型 Types	规格 Size	布置形式 Design	A	В	C	D	类型 Types	规格 Size	布置形式 Design	A	В,	C,	D,
	5/6	A/B/C/D	-30/5	560	480	385		5/6	A/B/C/D	-160 / -125	480	470	415
	7/8	A/B/C/D	55 / 100	585	550	430		7/8	A/B/C/D	5/50	480	525	510
	9/10	A/B/C/D	140 / 190	610	565	500		9/10	A/B/C/D	60 / 110	480	565	570
	11/12	A/B/C/D	375 / 445	530	625	560	B2.V	11/12	A/B/C/D	150 / 220	480	625	660
H3. V	13/14	A/C	155 / 225	880	670	700		13/14	A/B/C/D	-70/0	755	670	805
H3: V	13/14	B/D	100 / 170	935	670	700		15/16	A/B/C/D	15/60	780	710	910
	15/16	A/C	275 / 320	965	710	770		17/18	A/B/C/D	-5/55	890	775	1025
	15/16	B/D	220 / 265	1020	710	770		5/6	A/B/C/D	-85 / -50	480	480	365
	17/18	A/C	250 / 310	1040	770	835		7/8	A/B/C/D	-5/40	480	550	430
	17/18	B/D	195 / 255	1095	770	835		9/10	A/B/C/D	65 / 115	480	565	500
	7/8	A/C	55/100	600	550	430	B3.V	11/12	A/B/C/D	280 / 350	480	625	560
	7/8	B/D	0/45	680	550	430	10000	13/14	A/B/C/D	35 / 105	810	670	700
	9/10	A/C	140 / 190	625	565	500		15/16	A/B/C/D	120 / 165	875	710	775
	9/10	B/D	85 / 135	705	565	500		17/18	A/B/C/D	165 / 225	970	775	835
H4.V	11/12	A/C	375 / 445	550	625	560		5/6	A/B/C/D	-35/0	480	480	385
	11/12	B/D	320 / 390	635	625	560		7/8	A/B/C/D	55/100	480	550	430
	13/14	A/B/C/D	135 / 205	910	670	700		9/10	A/B/C/D	140 / 190	615	565	500
	15/16	A/B/C/D	255 / 300	1000	710	775	B4.V	11/12	A/B/C/D	375 / 445	530	625	560
	17/18	A/B/C/D	230 / 290	1070	775	835		13/14	A/B/C/D	135 / 205	905	670	700
								15/16	A/B/C/D	255 / 300	990	710	775
								17/18	A/B/C/D	230 / 290	1065	775	835





齿轮箱 Gear Units

采用实心轴、带储油管的齿轮箱的润滑油供给方式

Oil Supply for Gear Units With Solid Shaft and Oil Retaining

类型 H2 ... H4, B2 ... B4

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

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

	可选润滑油供给了 Possible oil supply v				
类型 Types	规格	布置形式 Design			
	Size	В	C		
	5-6	O1)	1-		
H2SV	7-12	O2)			
	13-18	O3)	1.0		
	5-7	0	-		
H3SV	7-12	Ö	-		
	13-18	0			
	5-6		0		
H2SV	7-12	7	0		
	13 - 18	7	0		
	5-6	-	0		
B3SV	7-12		0		
	13 – 18	-	0		
	5-6	-	0		
B4SV	7-12		0		
	13-18	-	0		

-= 布置形式不允许 Design not possible

O = 可选强制润滑 Forced lubrication possible

1) 对于规格5号齿轮箱,仅适用于速比i≤16 For size 5 only possible up to i≤16

2) 对于规格7号齿轮箱,仅适用于速比 i≤16 For size 7 only possible up to i≤16 对于规格11号齿轮箱,仅适用于速比 i≤18 For size11 only possible up to i≤18

3) 对于规格13号齿轮箱,仅适用于速比 i≤18 For size 13 only possible up to i≤18 对于规格17号齿轮箱,仅适用于速比 i≤16 For size 17 only possible up to i≤16





齿轮箱 GearUnit 类型 H2... H4, B2... B4 润滑油供给方式监测之件 Oil Supply for

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

立式安装 Vertical

规格 5...18 Sizes 5...18

齿轮箱规格 5 12 Gear unit size 5 12	齿轮箱规格 1318 Gear unit size 1318	
a)过滤器	a)双切换过滤器	
Coarse filter	Double change-over filter	
b) 压力监测开关	b) 压力监测开关	
Preesure monitor	Preesure monitor	
	c)压力表连接G /12	
	Connection for pressure gauge G1/2	

a) 过滤器用于滤除和收集杂质颗粒,以保护传动装置的安全。

双切换过滤器带有并排布置的两个滤筒, 设有一个光电污染指示器。

压差 △p =2bar; 1个切换触点

电器参数最大额定值

切换电压U≤250V DC+AC

切换电流 I≤1A

切换容量P ≤30W或 ≤60VA

保护级别: IP65

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

技术参数:

最大切换能力:

(交流) 2A/250V, AC/250VA

(直流)4A/200V,DC/20W

保护级别: IP65

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

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

Differential pressure △p=2bar;1 change over contact.

Electrical maximum ratings:

Switching voltage U≤250V DC+AC

Switching current I≤1A

Switching capability P ≤30W or ≤60VA

Type of protection Ip65

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

Technicaldata:

Max.switching capacity:

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

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

Type of protection IP65





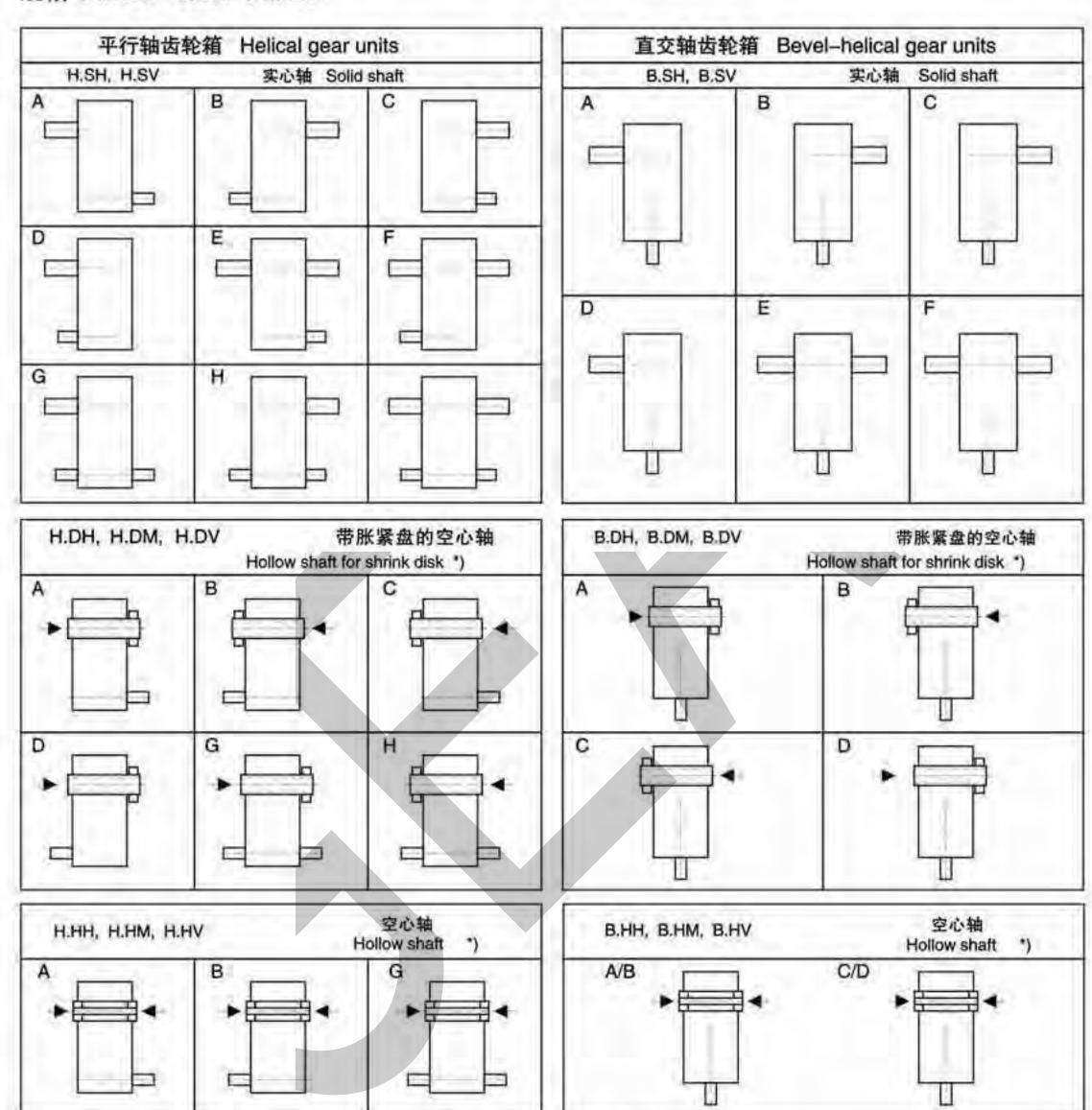
齿轮箱 Gear Units

布置形式 Design

类型 H2 ... H4 ..., B2 ... B4

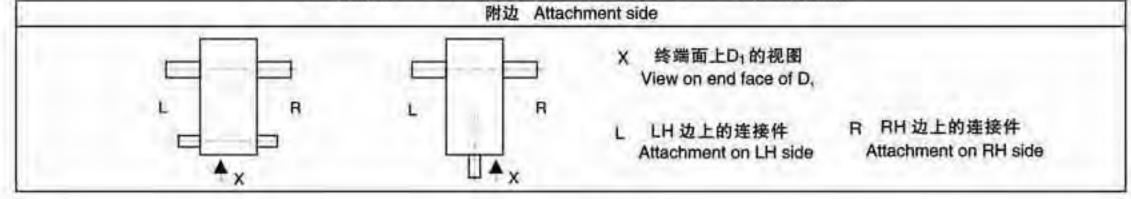
Types H2 ... H4 ..., B2 ... B4

规格 1 ... 26 Sizes 1 ... 26



*) 箭头表示工作机驱动轴插入方向

The arrow indicates the direction of insertion of the driven machine shaft. 附边 Attachment side



最优的品质 最低的价格 BEST QUALITY BEST PRICE



ZHEJIANG GEAR SPEED REDUCER CO., LTD.

地址: 浙江省平阳县万全镇宋桥工业区 邮编(POST):325409

ADD: Songqiao Industry Park, Wanquan Town, Pingyang County. Zhenjiang Province

电话(TEL):0577-63171515 63171616 63775881 63775882 63775883

传真(FAX):0577-63770111 63775889

E-mail:zjgearjsj@163.com Http://www.gearjsj.com