

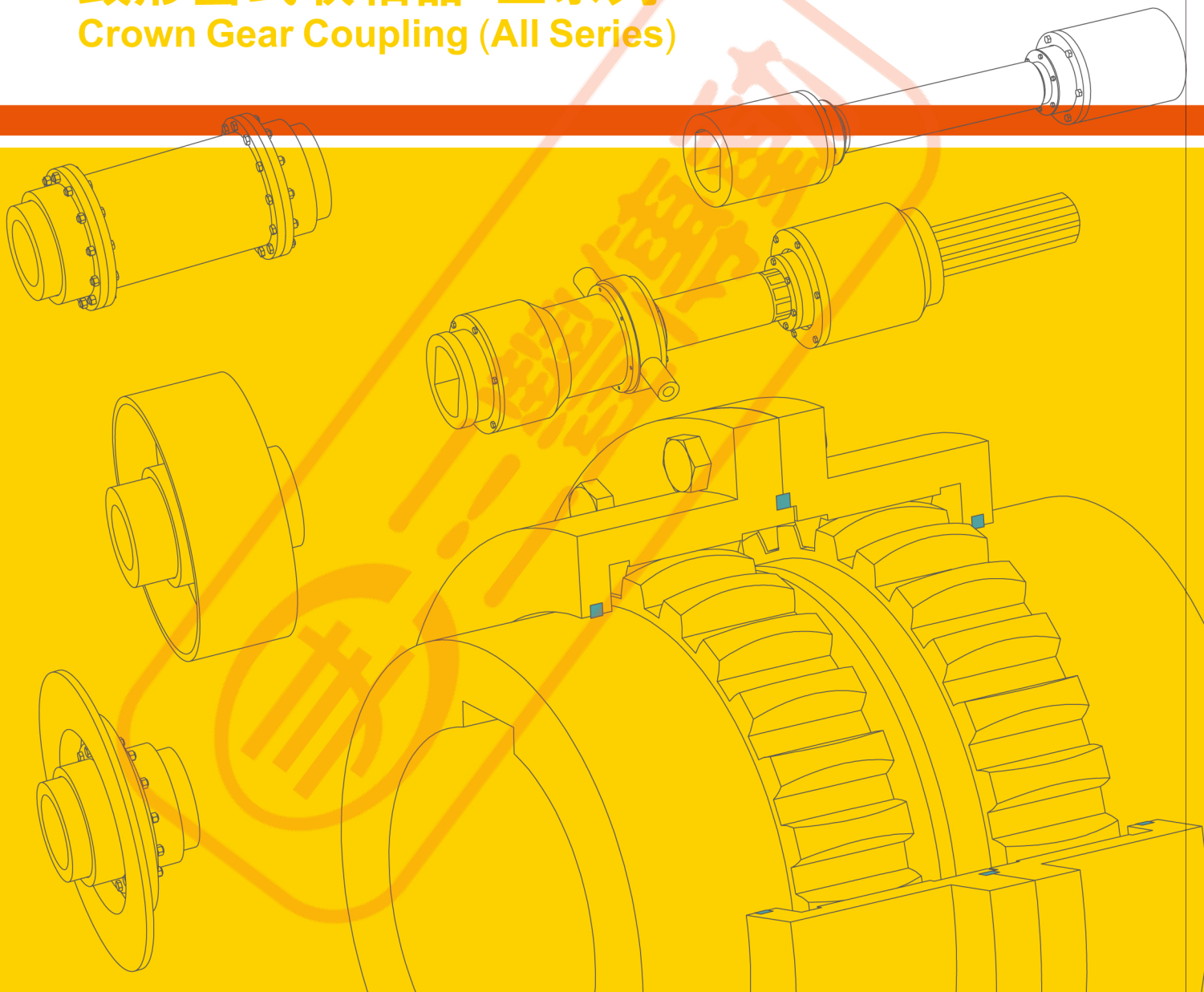


ISO9001:2008 质量体系认证

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# 鼓形齿式联轴器 全系列

## Crown Gear Coupling (All Series)



乐清市三丰传动有限公司  
YUEQING SANFENG TRANSMISSION CO.,LTD

(乐清市三丰传动件厂)  
YUEQING SANFENG TRANSMISSION PARTS FACTORY

# COMPANY INTRODUCTION

## ◎ 企业简介

乐清市三丰传动创建于上世纪八十年代中期，是专业研发及生产卷筒联轴器和十字轴式万向联轴器的厂家。三丰传动拥有一支高素质的专业团队和完善的品质管理程序，目前三丰传动人均产值和亩产值指标均在全国同行前列，其中92年开发生产的SWF十字轴式万向联轴器和96年开发生产的WZL型卷筒联轴器，经过多年不断的技术更新和工艺改进，现已拥有多项知识产权。企业早已通过ISO9001质量管理体系认证，而且产品广泛应用于各大重点工程项目，其优良品质获得了行业内专家和用户的一致好评。

根据市场需求和企业的发展，我公司以高起点开发鼓形齿联轴器系列，渐开线齿形经过全面优化设计，更加科学合理，齿形加工设备均选用高端全数控机床，为制作高品质产品提供了可靠的保证。另外可根据用户需求，为其设计合理的传动方案，制造更安全可靠、性价比更高的产品。

诚信务实，是我们生存的基石；  
卓越的品质，是我们获得市场的基本保证；  
开拓创新，是我们不断发展的动力。

"三丰传动"的成功得益于广大专家和用户的真诚支持，在此深表谢意。一段时间以来市场上出现了仿冒"三丰传动"的产品，在使用过程中已造成多起安全质量事故，给用户带来了严重损失，同时也损害了三丰传动的声誉，敬请广大用户认真甄别。

虽然我们的产品不断被仿冒，但是从未被超越！

Yueqing Sanfeng Transmission company (Hereinafter Sanfeng Transmission), founded in the mid-eighties of the last century, is a professional of R & D and producing, drum coupling and cross-pin cardan shaft. It has a highly qualified engineering team and has implemented quality management program through design to production. The current output value per capitation and per mu of Sanfeng Transmission are in the forefront of the industry. After years of constant technological updating and process improving, Sanfeng Transmission has accessed to several intellectual properties of the SWF type cross pin-cardan shaft developed in 1992 and WZL type drum coupling developed in 1996. Sanfeng Transmission has already qualified by ISO9001 quality management system. Its products Are widely used in various key projects , and the products' quality has been approved by the experts and users.

According to market demand and the development of the company, Sanfeng Transmission has developed series of products of crown gear coupling with the high starting point, which are much more scientific and efficient after optimizing the design of the involute profile and all the profiles are processed by high-end CNC machines, which guarantee the high-quality of the products. Furthermore, Sanfeng Transmission can develop customized transmission solutions, as well as manufacture safer and more reliable, cost-effective products according to client requirements.

Good faith and practice are the foundation for us to survive;  
First-rank quality is our essential guarantee to win the market ;  
Exploitation and innovation are our continuous developing power.

Sanfeng Transmission's success depends on the sincere support of the experts and the client, to whom we are deeply grateful. For some time, there are some counterfeit " Sanfeng Transmission" products on the market which has caused many safety and quality accidents. It has not only caused serious losses to the users, but also undermined the reputation of Sanfeng Transmission. Please discriminate with care to avoid the counterfeit.

Although our products continue to be counterfeited , but never been exceeded !

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◎ 选型、订货说明



鼓形齿式联轴器工作原理是：由相同齿数和模数的内齿和鼓形外齿所组成；能在额定的伸缩量和夹角内传递额定转矩。  
The working principle of the gear coupling: It is composed by the inner gear and outer crown gear with same number teeth and module; It can transmit the nominal torque within the nominal range of stretch and angle.

选用说明 Selection description

通常情况下，鼓形齿式联轴器在选用时应进行以下三方面校核：  
In the normal situation, the following 3 items need be checked when select a gear coupling.:

1、强度校核:

Strength Checking:

$$T_c = \frac{K}{K_1} T \leq T_n$$

$$T_c = \frac{K}{K_1} T \leq T_n$$

$T_c$ ---计算转矩 ( kN.m )

$T_c$ ---Computed torque ( kN.m )

$T$ ---理论转矩,  $T=9.55 \frac{N}{n}$  ( kN.m )

$T$ ---Rated torque,  $T=9.55 \frac{N}{n}$  ( kN.m )

$N$ ---驱动功率 ( kW )

$N$ ---Driven power ( kW )

$n$ ---联轴器转速 ( r/min )

$n$ ---speed of coupling ( r/min )

$T_n$ ---公称转矩, 见性能表

$T_n$ ---Nominal torque, refer to the Performance Table

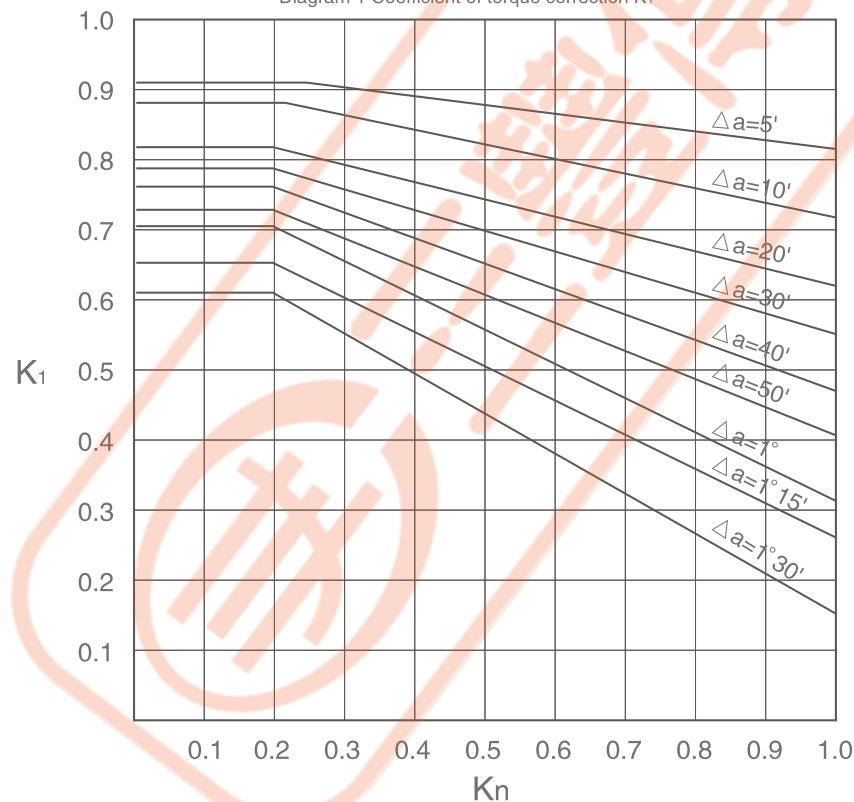
$K$ ---工作情况系数, 见表1

$K$ ---Working Coefficient, refer to the Table 1

$K_1$ ---转矩修正系数, 见图1

$K_1$ ---A torque correction coefficient, refer to the Diagram 1

(图1) 转矩修正系数  $K_1$   
Diagram 1 Coefficient of torque correction  $K_1$



图中  $kn = \frac{n}{[n]}$ ,  $kn$ ---转速系数,  $[n]$ ---许用转速 (查性能表), 图中  $\Delta \alpha$  为工作中可能出现的最大轴线折角。

\*注：选型时可先按  $T_c = k \cdot T \leq T_n$  初选联轴器规格后再按上述精确校核。

In Diagram1,  $kn = \frac{n}{[n]}$ ,  $kn$ ---Coefficient of rotate speed,  $[n]$ --- Allowable speed ( refer to the Performance Table ),  $\Delta \alpha$  is the maximum axle folding angle during the running.

\*Note: At the preliminary selection, we can use  $T_c = k \cdot T \leq T_n$  as the requirement to choose the coupling, then the above calculation should be carry out to check the coupling exactly.

◎ 选型、订货说明



表 ( Table ) 1

工作机械 Application	K	工作机械 Application	K
<b>起重设备 CRANES AND HOISTS</b>		<b>发电机及转换器 GENERATOR AND CHANGER</b>	
行走机构 Travel	1.75	发电机 Generator	2.0
提升机构 Lifter	1.75	变频器 Frequency Converter	2.25
回转机构 Rotary	1.75	焊接发电机 Weld Generator	2.25
卷扬机 Windlass	2.0	<b>压缩机 COMPRESSORS</b>	
<b>轧制设备 METAL ROLLING MILLS</b>		涡轮式压缩机 Centrifugal	1.6
带材及线材卷取机 Coiler	1.4	往复压缩机 Reciprocating	2.0
冷床 Cooling Bed	1.4	<b>挖掘设备 DREDGERS</b>	
输送导辊 Conveyor Roll	1.4	回转齿轮机构 Reverse Gear Train	1.4
辊道 (轻载) Light Mill Table	1.5	轨道式移动链 Track Chain Conveyor	1.6
切边机 Edge Slitter	1.5	空吸泵 Air Pump	1.6
活套升降機 Elevator	1.5	绞盘 Winch	1.6
轧辊调整装置 Roll Adjuster	1.5	刀盘 Cutter Head	2.0
翻板机 Turn-over Rig	1.6	斗轮式挖掘机 Grab Dredge	2.0
除鳞机 Scalebreaker	1.6	<b>采矿、碎石设备 MINING</b>	
辊式矫直机 Straightening Roll	2.0	振动器 Shaker	1.6
坯料输送机 Ingot Car	1.8	回转窑 Rotary Kiln	2.0
薄板轧机 Sheet Mill	1.8	矿井通风机 Fan	2.0
钢坯剪断机 Billet Slitter	2.5	破碎机 Crusher	2.75
辊道 (重载) Heavy Mill Table	2.0	<b>输送设备 CONVEYOR</b>	
切头机 Cropper	2.0	小型带式输送机 Portable Belt	1.25
板材剪断机 Slitter	2.0	铲斗式升降机 (粉状物) Bucket Elevator	1.25
板坯机 Slabbing Mill	2.0	带式输送机 (散装材料) Belt	1.4
板坯堆料机 Slabbing Pusher	2.0	螺旋输送机 Screw	1.4
中厚板轧机 Plate Mill	2.5	斗链式输送机 Chain	1.4
冷轧机 Cold Mill	2.0	旋转输送机 Fan Conveyor	1.4
<b>炼钢设备 STEEL-MAKING EQUIPMENT</b>		升降機 Elevator	1.4
高炉鼓风机 Blast Fan for Furnace	1.4	钢带输送机 Steel Belt Conveyor	1.4
倾斜式高炉升降机 Elevator	2.0	平板输送机 Apron	1.6
炉渣破碎机 Slag Crusher	2.0	提升机 Hand Lifter	1.8
转炉 Rotary Furnace	2.5	输送机 Conveyor	1.8
<b>金属加工设备 METAL FORMING MACHING</b>		<b>压力机械 PRESS</b>	
剪切机 Guillotine Shear	2.0	折叠压力机 Bending Press	1.8
锻造机 Forge Press	1.8	曲柄压力机 Crank Press	2.0
板材矫直机 Plate Flattening	2.0	锻造压力机 Forge Press	2.25
锻锤 Forging Hammer	2.0	<b>泵类 PUMPS</b>	
冲压机 Punch Press	2.0	离心泵 Centrifugal Pump	1.4
<b>鼓风、通用设备 BLOWERS AND FANS</b>		泥浆泵 Dredge Pump	1.4
螺旋活塞式鼓风机 Screw Piston	1.4	真空泵 Vacuum Pump	1.5
引风机 Suction Fan	1.4	往复活塞泵 Reciprocating Piston	1.8
鼓风机 Fan	1.5	柱塞泵 Plunger	2.0







◎ 结构形式与特点



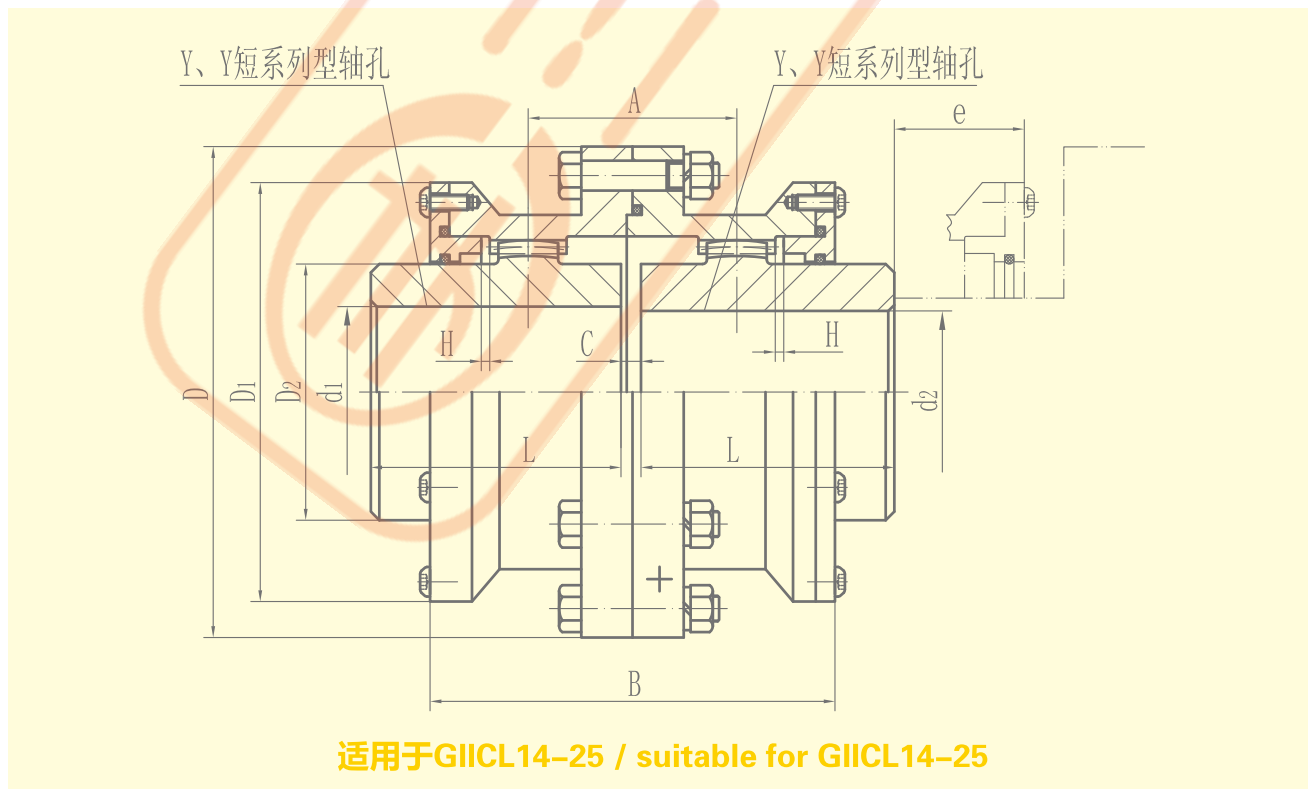
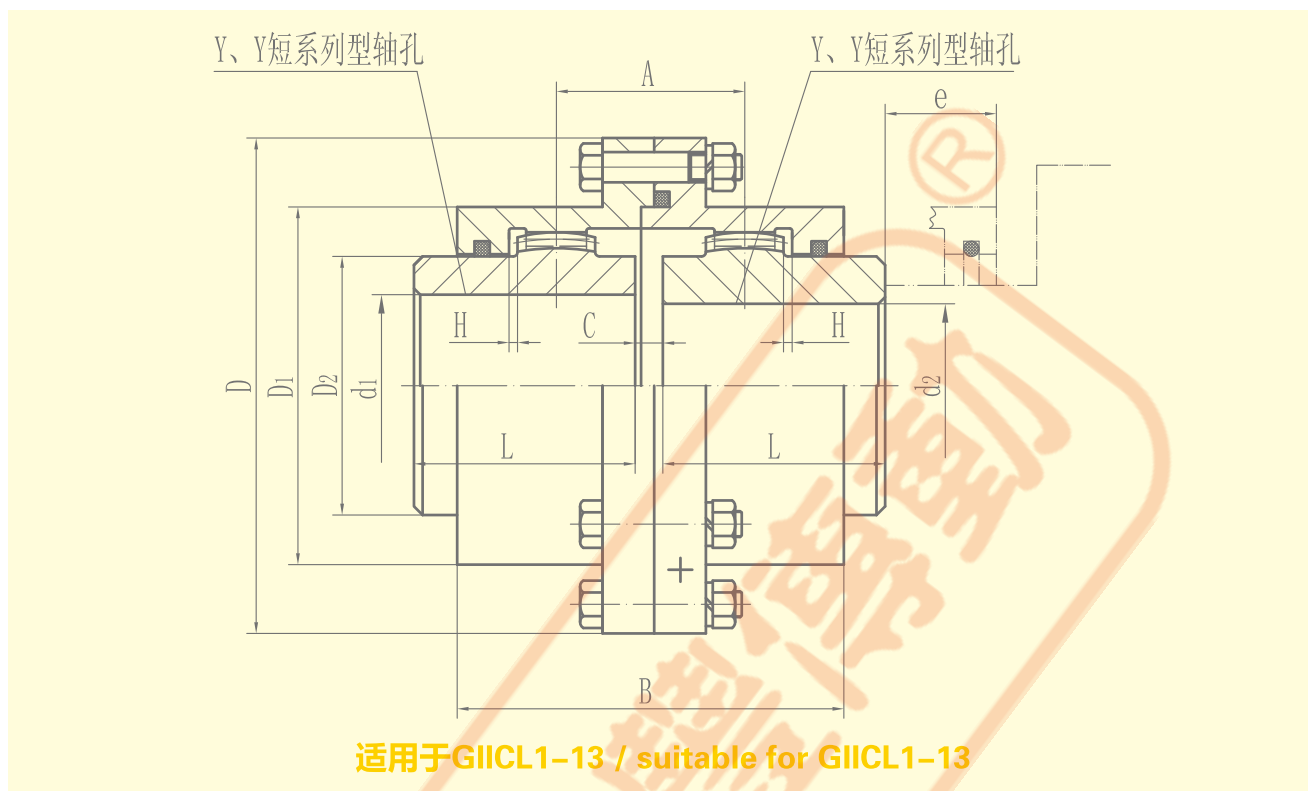
名称 Name	结构图 The structure drawing	结构特点及应用场合 The structure character and application
GCLD型 鼓形齿式联轴器 GCLD crown gear coupling		具有一定角向及相对径向位移补偿能力，适于联接电动机与机械两水平同轴线轴系传动。 公称转矩1.6~56 kN.m This type can compensate the angular displacement and radial displacement in the limited range, used for connecting motor and mechanical different levels, different axis shaft transmission. Nominal torque 1.6~56 kN.m
GIICL型 鼓形齿式联轴器 GIICL crown gear coupling		结构紧凑，转动惯量小，具有一定角向及相对径向位移补偿能力，联接水平两同轴线轴系传动。 公称转矩0.63~5600 kN.m With compact structure, small moment of inertia, and can compensate the angular displacement and radial displacement in the limited range. It can be applied to the connection of two horizontal shafts. Nominal torque 0.63~5600 kN.m
GIICLZ型 鼓形齿式联轴器 GIICLZ crown gear coupling		结构紧凑，转动惯量小，具有一定角向偏移补偿能力，联接水平两同轴线轴系传动。 公称转矩0.63~5600 kN.m With compact structure, small moment of inertia, and can compensate the angular displacement in the limited range. It can be applied to the connection of two horizontal shafts. Nominal torque 0.63~5600 kN.m
GSL伸缩型 鼓形齿式联轴器 GSL extensible crown gear coupling		具有较大的伸缩量，安装尺寸小，有正装和反装两种结构。适用于安装尺寸小，但伸缩量大等系统空间结构紧凑的场合。 公称转矩31.5~1600 kN.m This type has large length compensation capacity. There are two designs: standard type and reversed type. Used for installation size is small, but big length compensation systems such as retractable compact space applications. Nominal torque 31.5~1600 kN.m

◎ 结构形式与特点



名称 Name	结构图 The structure drawing	结构特点及应用场合 The structure character and application
NGCL型带制动轮 鼓形齿式联轴器 NGCL crown gear coupling with brake drum		结构紧凑，具有一定角向及相对径向位移补偿能力，联接水平两同轴线轴系传动。适用于与闸瓦式制动器配套场合。 公称转矩0.63~125 kN.m With compact structure, this type can compensate the angular displacement and radial displacement in the limited range. It can be applied to the connection of two horizontal shafts with shoe brake. Nominal torque 0.63~125 kN.m
WGP型带制动盘 鼓形齿式联轴器 WGP crown gear coupling with brake disc		适用于联接两同轴线的传动轴系，且与盘式制动器配套场合，具有补偿两轴角向及相对径向位移能力。 公称转矩0.8~180 kN.m This type can compensate the angular displacement and radial displacement in the limited range. It can be applied to the connection of two horizontal shafts with disc brake. Nominal torque 0.8~180 kN.m
WGJ型接中间轴 鼓形齿式联轴器 WGJ crown gear coupling with intermediate shaft		具有一定角向及轴向位移补偿能力，结构紧凑，适于联接轴向尺寸较大时的水平两同轴线轴系传动。 公称转矩6.3~3150 kN.m This type can compensate the angular displacement and axial displacement in the limited range, with compact structure, which would suit for the long concentric shaft connection in horizontal. Nominal torque 6.3~3150 kN.m
WGT型接中间套 鼓形齿式联轴器 WGT crown gear coupling with intermediate tube		能补偿较大的轴线偏移，适于联接轴向尺寸较大时的水平两同轴线轴系传动。 公称转矩0.8~1400 kN.m This type can compensate a big displacement in the axle direction, which would suit for the long concentric shaft connection in horizontal. Nominal torque 0.8~1400 kN.m

◎ G II CL型 鼓形齿式联轴器



◎ G II CL型 鼓形齿式联轴器



基本参数和主要尺寸 The parameter and main dimension (GB/T26103.1-2010)

型号 Type	公称转矩 Nominal torque T <sub>n</sub> (kN.m)	许用转速 Allowable speed [n] (r/min)	轴孔直径 Diameter of the axis hole d1、d2		轴孔长度 Length of axis hole L		D	D1	D2	C	H	A	B	e	转动惯量 Moment of inertia kg.m <sup>2</sup>	质量 Weight kg	润滑脂 容量 Grease volume mL
			Y	Y (短系列) (Short series)	Y	Y (短系列) (Short series)											
G II CL1	0.63	6500	16,18,19	42	103	71	50	8	2	36	76	38	0.0016	3.4	51		
			20,22,24	52									38	0.003		3.2	
			25,28	62									44	0.0031		3.3	
			30,32,35	82									60	0.0032		3.5	
G II CL2	1	6000	20,22,24	52	115	83	60	8	2	42	88	42	0.0024	4.6	70		
			25,28	62									44	0.0023		4.1	
			30,32,35,38	82									60	0.0024		4.5	
			40,42,45	112									84	0.0025		4.6	
G II CL3	1.6	5600	22,24	52	127	95	75	8	2	44	90	42	0.0044	6.1	78		
			25,28	62									44	0.0042		5.5	
			30,32,35,38	82									60	0.0045		6.3	
			40,42,45,48,50,55,56	112									84	0.0101		6.9	
G II CL4	2.8	5100	38	60	149	116	90	8	2	49	98	42	0.0205	9.5	87		
			40,42,45,48,50,55,56	112									84	0.0228		11.3	
			60,63,65	142									107	0.0234		10.5	
G II CL5	4.5	4600	40,42,45,48,50,55,56	112	167	134	105	10	2.5	55	108	42	0.0418	15.9	125		
			60,63,65,70,71,75	142									107	0.0444		16	
G II CL6	6.3	4300	45,48,50,55,56	112	187	153	125	10	2.5	56	110	42	0.0706	21.2	148		
			60,63,65,70,71,75	142									107	0.0777		23	
			80,85,90	172									132	0.0809		22.1	
G II CL7	8	4000	50,55,56	112	204	170	140	10	2.5	60	118	42	0.103	27.6	175		
			60,63,65,70,71,75	142									107	0.115		33.1	
			80,85,90,95	172									132	0.1298		39.2	
			100,105	212									167	0.151		47.5	
G II CL8	11.2	3700	55,56	112	230	186	155	12	3	67	142	47	0.167	35.5	268		
			60,63,65,70,71,75	142									107	0.188		42.3	
			80,85,90,95	172									132	0.21		49.7	
			100,110,115	212									167	0.241		60.2	
G II CL9	18	3350	60,63,65,70,71,75	142	256	212	180	12	3	69	146	47	0.316	55.6	310		
			80,85,90,95	172									132	0.356		65.6	
			100,110,120,125	212									167	0.413		79.6	
G II CL10	25	3000	130,135	252	287	239	200	14	3.5	78	164	47	0.47	95.8	472		
			65,70,71,75	142									107	0.511		72	
			80,85,90,95	172									132	0.573		84.4	
			100,110,120,125	212									167	0.659		101	
G II CL11	35.5	2700	130,140,150	252	325	276	235	14	3.5	81	170	47	0.745	119	550		
			70,71,75	142									107	1.454		97	
			80,85,90,95	172									132	1.096		114	
			100,110,120,125	212									167	1.235		138	
G II CL12	56	2450	130,140,150	252	362	313	270	16	4	89	190	49	1.34	161	695		
			160,170,175	302									242	1.588		189	
			75	142									107	1.623		128	
			80,85,90,95	172									132	1.828		150	
			100,110,120,125	212									167	2.113		205	
G II CL13	80	2200	130,140,150	252	412	350	300	18	4.5	98	208	49	2.4	213	1019		
			160,170,180	302									242	2.728		248	
			190,200	352									282	3.055		285	
G II CL14	125	2000	150	252	462	420	335	22	5.5	172	296	63	3.951	222	2900		
			160,170,180,185	302									242	4.363		246	
			190,200,220,225	352									282	4.541		242	
G II CL15	180	1800	170,180,185	302	512	470	380	22	5.5	182	316	63	8.025	421	3700		
			190,200,220	352									282	8.8		476	
			240,250	410									330	9.275		544	

◎ G II CL型 鼓形齿式联轴器

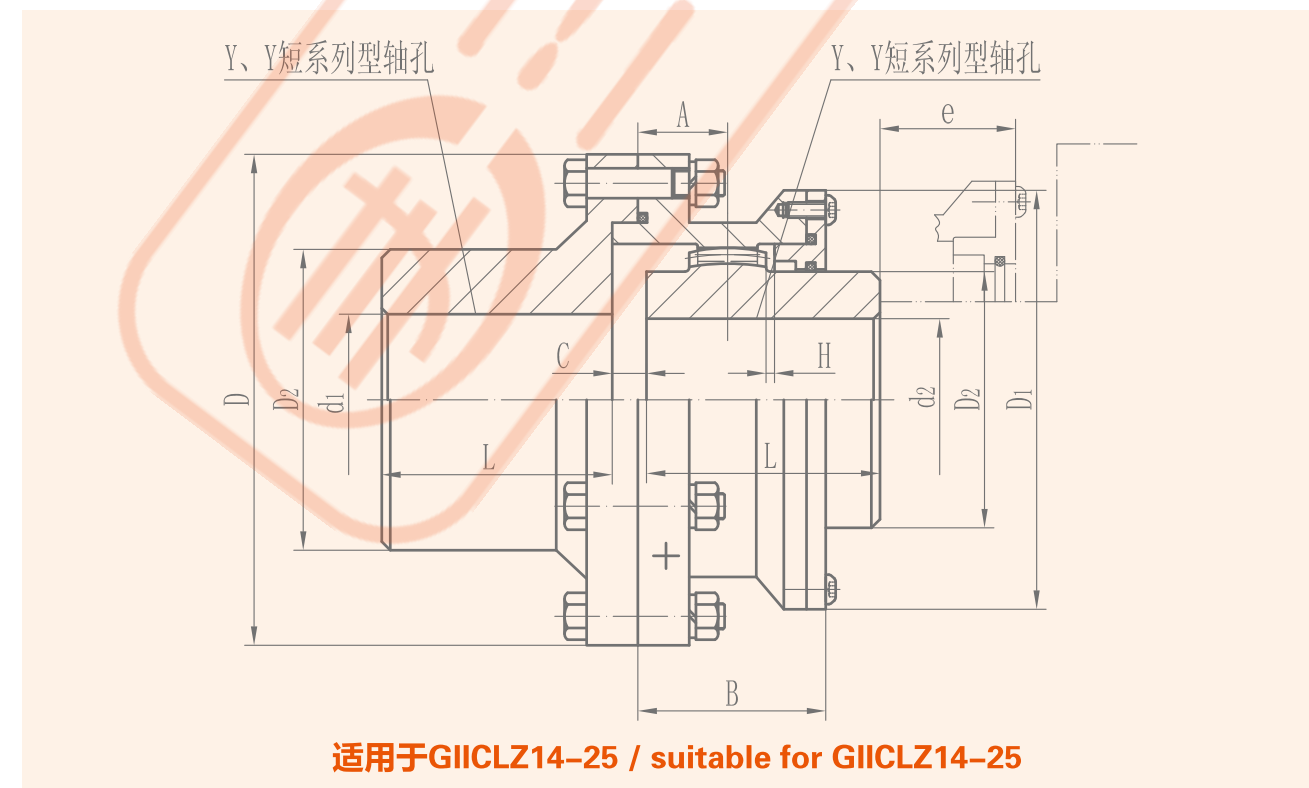
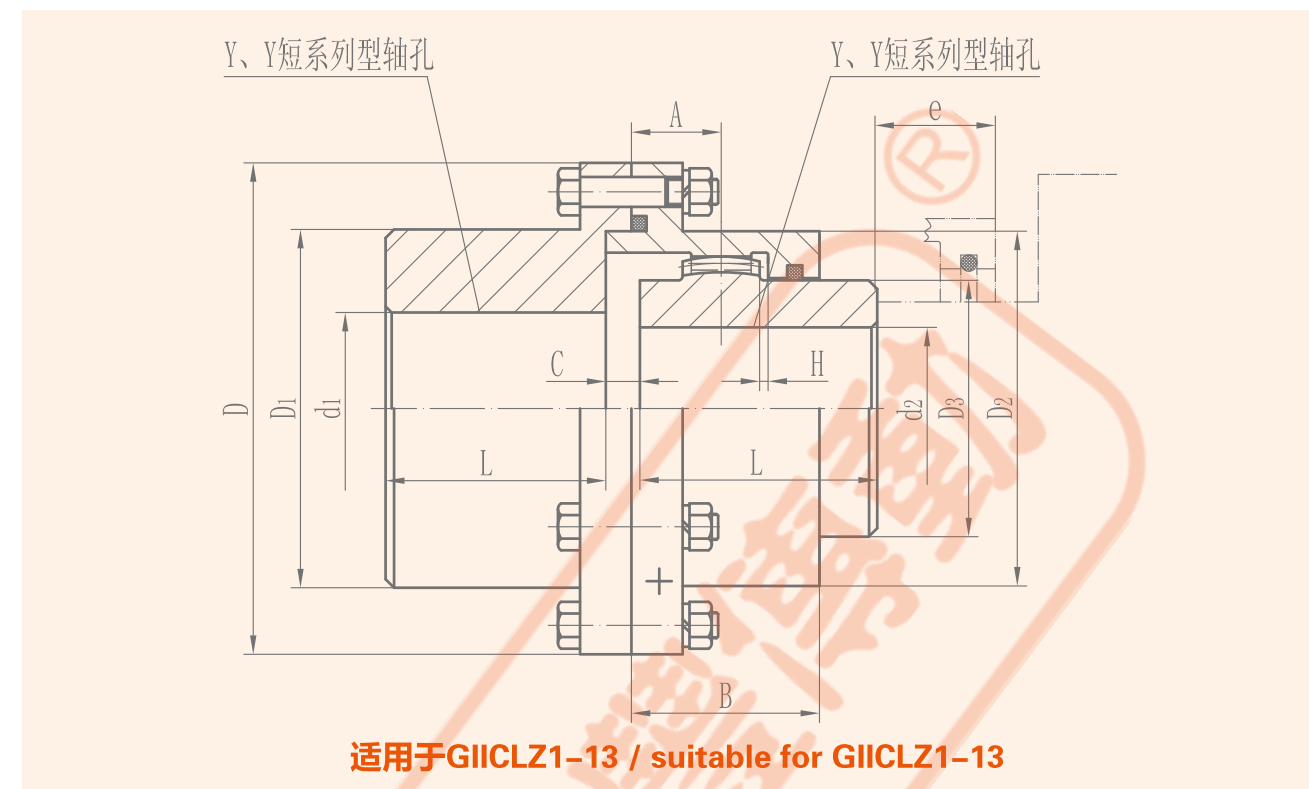


基本参数和主要尺寸 The parameter and main dimension (GB/T26103.1-2010)

型号 Type	公称转矩 Nominal torque Tn (kN.m)	许用转速 Allowable speed [n] (r/min)	轴孔直径 Diameter of the axis hole d1、d2		轴孔长度 Length of axis hole L		D	D1	D2	C	H	A	B	e	转动惯量 Moment of inertia kg.m <sup>2</sup>	质量 Weight kg	润滑脂容量 Grease volume mL
			Y	Y (短系列) (Short series)	Y	Y (短系列) (Short series)											
G II CL16	250	1600	220	352	282										23.925	799	4500
			240,250,260	410	330	580	522	430	28	7	209	354	67	26.45	913		
			280,300,320	470	380										29.1	1027	
G II CL17	355	1400	250,260	410	330										43.095	1176	4900
			280,295,300,320	470	380	644	582	490	28	7	198	364	67	47.525	1322		
			340,360,365	550	450										53.725	1352	
G II CL18	500	1210	280,295,300,320	470	380										78.525	1698	7000
			340,360,380	550	450	726	658	540	28	8	222	430	75	87.75	1948		
			400	650	540										99.5	2278	
G II CL19	710	1050	300,320	470	380										136.75	2249	8900
			340,350,360,380,390	550	450	818	748	630	32	8	232	440	75	153.75	2591		
			400,420,440,450,460,470	650	540										175.5	3026	
G II CL20	1000	910	360,380,390	550	450										261.75	3384	11000
			400,420,440,450,460,480,500	650	540	928	838	720	32	10.5	247	470	75	299	3984		
			530,540	800	680										360.75	4430	
G II CL21	1400	800	400,420,440,450,460,480,500	650	540										461.6	3912	13000
			530,560,600	800	680	1022	928	810	40	11.5	255	490	75	449.4	3754		
G II CL22	1800	700	450,460,480,500	650	540										734.3	4970	16000
			530,560,600,630	800	680	1134	1036	915	40	13	265	510	75	837	5408		
			670,680	780											785.4	4478	
G II CL23	2500	610	530,560,600,630	800	680										1517	10013	28000
			670, 700,710,750,770	780		1282	1178	1030	50	14.5	299	580	80	1725	11553		
G II CL24	3550	500	560,600,630	800	680										2486	12915	33000
			670,700,710,750	780		1428	1322	1175	50	16.5	317	610	80	2838.5	15015		
			800,850	880											3131.75	16615	
G II CL25	5600	420	670,700,710,750	780											5082	15760	43000
			800,850	880											5344.1	15515	
			900,950	980											5484	15054	
			1000,1040	1100											5615.2	14513	

- 注：1.产品以实际计算设计为准。  
The figure must subject to actual calculation and design.
- 2.质量及转动惯量是按Y(短系列)型轴孔的最小直径计算的近似值。  
Weight and rotary inertia are approximate calculation value based on the minimum diameter of Y- axis hole( short series).
- 3.e为更换密封所需要的尺寸。  
'e' is the required dimension when the sealing is exchanged.

◎ G II CLZ型 鼓形齿式联轴器





◎ G II CLZ型 鼓形齿式联轴器



基本参数和主要尺寸 The parameter and main dimension(GB/T26103.2-2010)

型号 Type	公称转矩 Nominal torque Tn (kN.m)	许用转速 Allowable speed [n] (r/min)	轴孔直径 Diameter of the axis hole d1、d2		轴孔长度 Length of axis hole L		D	D1	D2	D3	C	H	A	B	e	转动 惯量 Moment of inertia kg.m <sup>2</sup>	质量 Weight kg	润滑脂 容量 Grease volume mL	
			Y	Y (短系列) (Short series)	Y	Y (短系列) (Short series)													
mm																			
G II CLZ1	0.63	4000	16,18,19	42	103	71	71	50	8	2	18	38	38	38	38	0.004	3.5	31	
			20,22,24	52												38	0.0038		3.3
			25,28	62												44	0.004		3.5
			30,32,35,(38)	82												60	0.005		4.1
			(40),(42),(45),(48),(50)	112												84	0.007		5.7
G II CLZ2	1	4000	20,22,24	52	115	83	83	60	8	2	21	44	42	42	42	0.0068	5.3	42	
			25,28	62												44	0.0063		4.8
			30,32,35,38	82												60	0.007		5.7
			40,42,45,(48),(50),(55),(56)	112												84	0.008		7.2
			(60)	142												107	0.01		9.2
G II CLZ3	1.6	4000	22,24	52	127	95	95	75	8	2	22	45	42	42	42	0.009	6.8	42	
			25,28	62												44	0.011		7.8
			30,32,35,38	82												60	0.011		7.6
			40,42,45,48,50,55,56	112												84	0.0133		9.8
			(60),(63),(65),(70)	142												107	0.0168		12.5
G II CLZ4	2.8	4000	38	60	149	116	116	90	8	2	24.5	49	42	42	42	0.0213	10.5	53	
			40,42,45,48,50,55,56	112												84	0.0255		13.5
			60,63,65,(70),(71),(75)	142												107	0.039		16.5
			(80)	172												132	0.0488		19.4
			80	172												132	0.044		18.1
G II CLZ5	4.5	4000	40,42,45,48,50,55,56	112	167	134	134	105	10	2.5	27.5	54	42	42	42	0.0518	23.1	77	
			(80),(85),(90)	172												132	0.0625		28.5
			45,48,50,55,56	112												84	0.075		23.9
			60,63,65,70,71,75	142												107	0.089		29.3
			80,85,90,(95)	172												132	0.1043		35.4
G II CLZ6	6.3	4000	(100),(105)	212	187	153	153	125	10	2.5	28	55	42	42	42	0.1065	36.2	91	
			50,55,56	112												84	0.1145		29.6
			60,63,65,70,71,75	142												107	0.1335		36.3
			80,85,90,95	172												132	0.157		43.8
			100,(105),(110)	212												167	0.1898		54.3
G II CLZ7	8	3750	55,56	112	204	170	170	140	10	2.5	30	59	42	42	42	0.184	37.8	108	
			60,63,65,70,71,75	142												107	0.215		46.1
			80,85,90,95	172												132	0.249		54.9
			100,(105),(110)	212												167	0.297		67.4
			110	167												132	0.358		60
G II CLZ8	11.2	3300	60,63,65,70,71,75	142	230	186	186	155	12	3	33.5	71	47	47	47	0.415	71.8	161	
			80,85,90,95	172												132	0.499		88
			100,110,120,125	212												167	0.575		104.4
			130,135,(140),(150)	252												202	0.6725		91.1
			65,70,71,75	142												107	0.8025		111.5
G II CLZ9	18	3000	80,85,90,95	172	256	212	212	180	12	3	34.5	73	47	47	47	0.935	133.5	184	
			100,110,120,125	212												167	1.223		137
			130,135,(140),(150)	252												202	1.41		162.4
			65,70,71,75	142												107	1.625		193
			80,85,90,95	172												132	2.39		212.8
G II CLZ10	25	2650	100,110,120,125	212	287	239	239	200	14	3.5	39	82	47	47	47	2.763	268	276	
			130,140,150	252												202	3.093		290
			160,170,175	302												242	3.93		272.3
			190,200	352												282	4.535		320
			150	252												202	6.34		370
G II CLZ11	35.5	2350	160,170,180,185	302	412	322	350	300	18	4.5	49	104	49	49	49	6.9	389	585	
			190,200,220,225	352												282	7.675		438
			240,250	410												330	8.6		509
			170,180,185	302												242			
			190,200,220	352												282			
G II CLZ12	56	2100	170,180,185	302	462	420	335		22	5.5	86	148	63	63	63	8.6	509	1600	
			190,200,220	352												282			
			240,250	410												330			
			170,180,185	302												242			
			190,200,220	352												282			

◎ G II CLZ型 鼓形齿式联轴器



基本参数和主要尺寸 The parameter and main dimension(GB/T26103.2-2010)

型号 Type	公称转矩 Nominal torque Tn (kN.m)	许用转速 Allowable speed [n] (r/min)	轴孔直径 Diameter of the axis hole d1、d2		轴孔长度 Length of axis hole L		D	D1	D2	D3	C	H	A	B	e	转动 惯量 Moment of inertia kg.m <sup>2</sup>	质量 Weight kg	润滑脂 容量 Grease volume mL		
			Y	Y (短系列) (Short series)	Y	Y (短系列) (Short series)														
mm																				
G II CLZ15	180	1500	190,200,220	352	512	470	380					22	5.5	91	158	63	12.425	566	2100	
			240,250,260	410													330	13.975		650
			280,285	470													380	15.575		740
G II CLZ16	250	1300	220	352	580	522	430					28	7	104.5	177	67	21.2	751	2500	
			240,250,260	410													330	23.125		857
			280,300,320	470													380	26.35		974
G II CLZ17	355	1200	250,260	410	644	582	490					28	7	99	182	67	38.825	1110	2700	
			280,290,300,320	470													380	43.25		1255
G II CLZ18	500	1050	280,295,300,320	470	726	658	540					28	8	111	215	75	69.5	1580	3900	
			340,360,380	550													450	78.75		1830
			400	650													540	90.5		2160
G II CLZ19	710	950	300,320	470	818	748	630					32	9	116	220	75	122.5	2115	5000	
			340,350,360,380,390	550													450	139.5		2457
			400,420,440,450,460,470	650													540	161.25		2892
G II CLZ20	1000	800	360,380,390	550	928	838	720					32	10.5	123.5	235	75	240	3223	6200	
			400,420,440,450,460,480,500	650													540	277.25		3793
			530,540	800													680	335		4680
G II CLZ21	1400	750	400,420,440,450,460,480,500	650	1022	928	810					40	11.5	127.5	245	75	435	4780	7000	
			530,560,600	800													680	527.75		5905
G II CLZ22	1800	650	450,460,480,500	650	1134	1036	915					40	13	131	255	75	701.25	6069	8700	
			530,560,600,630	800													680	852.25		7504
			670,680	900													780	1068.25		8535
G II CLZ23	2500	600	530,560,600,630	800	1282	1178	1030					50	14.5	149.5	290	80	1415.75	9633	15000	
			670,700,710,750,770	900													780	1638.75		11133
G II CLZ24	3550	550	560,600,630	800	1428	1322	1175					50	16.5	158.5	305	80	2330.5	12460	18000	
			670,710,750	900													780	2682.75		14465
			800,850	1000													880	2976.25		16110
G II CLZ25	5600	460	670,700,710,750	900	1644	1538	1390					50	19	162.5	310	80	5174.25	19837	23000	
			800,850	1000													880	5836.5		22381
			900,950														980	6413		24765
			1000,1040														1100	7198.25		27797

注：1.产品以实际计算设计为准。

The figure must subject to actual calculation and design.

2.轴孔直径栏中带括号尺寸只适用d1选用。

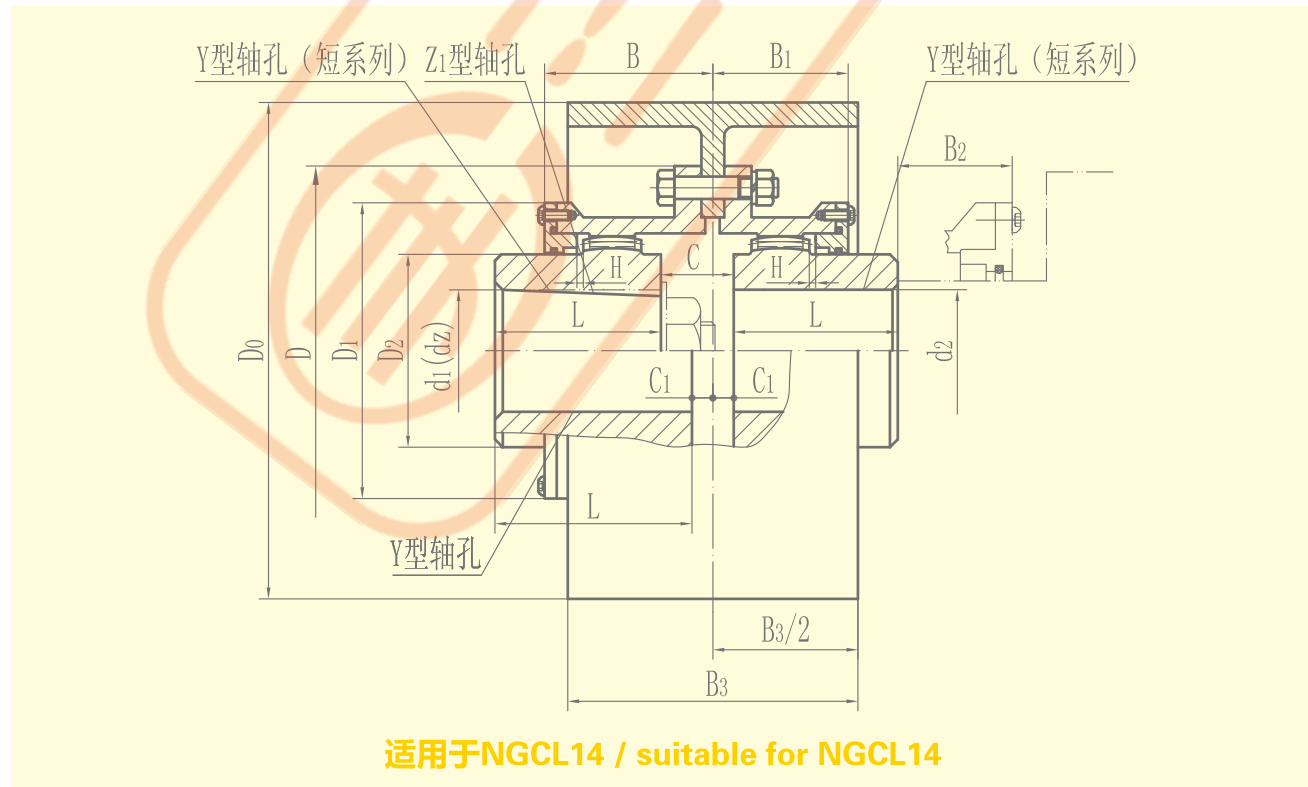
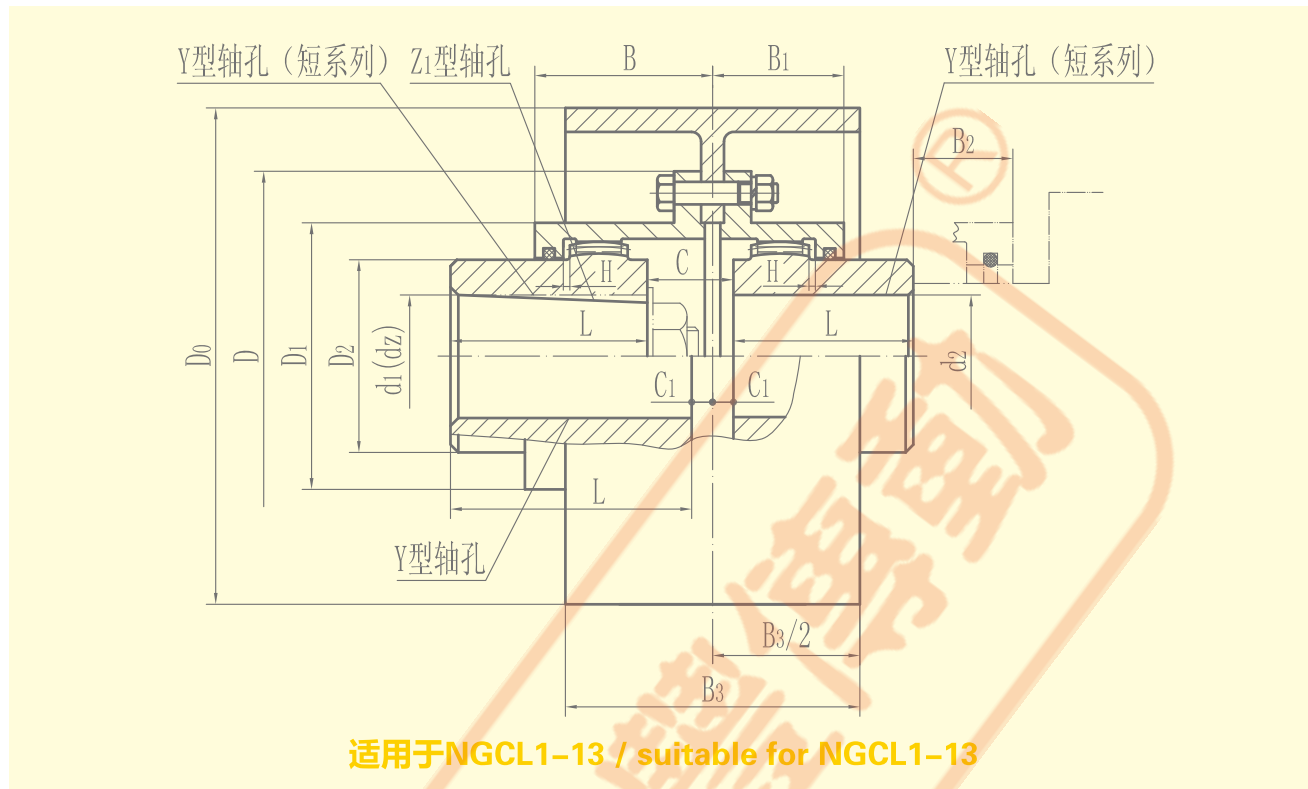
The diameter with bracket is just selected for d1 in 'Diameter of the Axis Hole' column.

3.质量及转动惯量是按Y(短系列)型轴伸计算的近似值。

Weight and rotary inertia are approximate calculation value based on Y-axis hole( short series) without axis hole.

4.e为更换密封所需要的尺寸。

'e' is the required dimension when the sealing is exchanged.

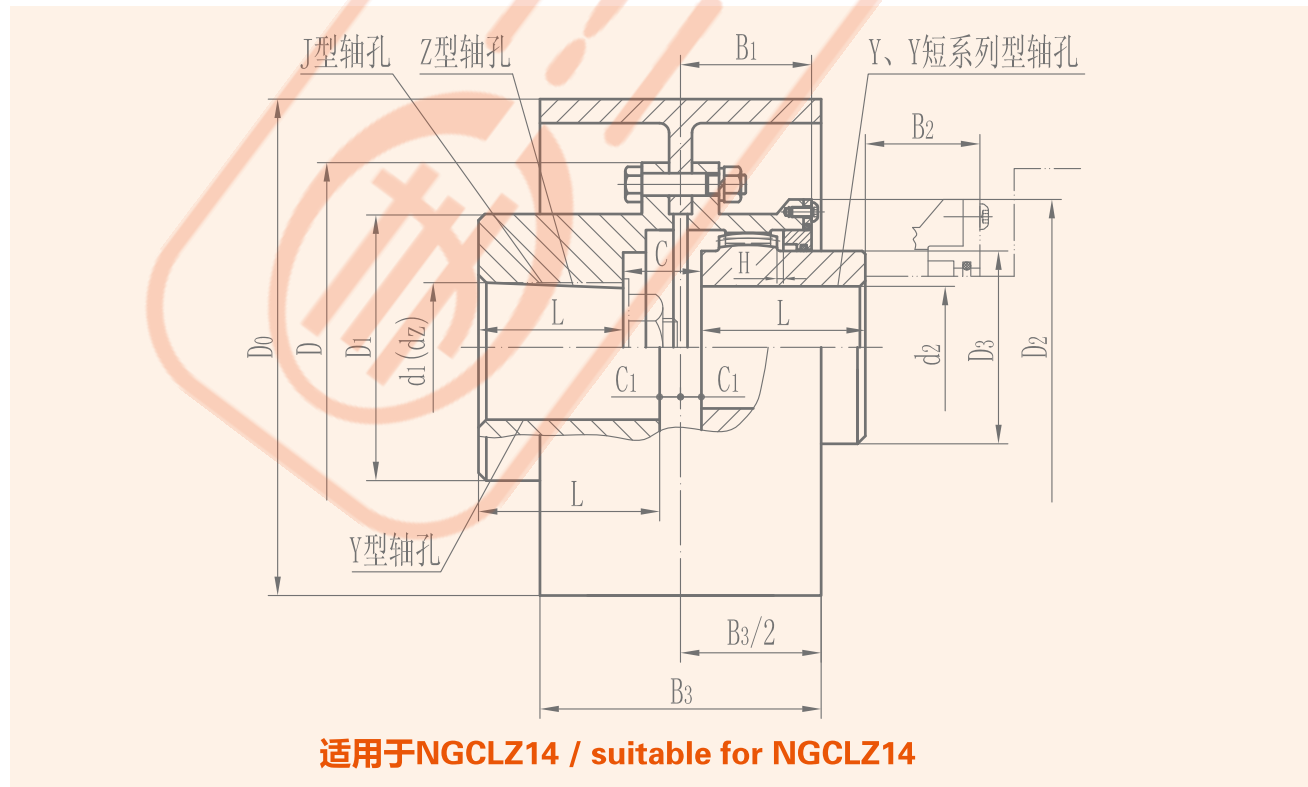
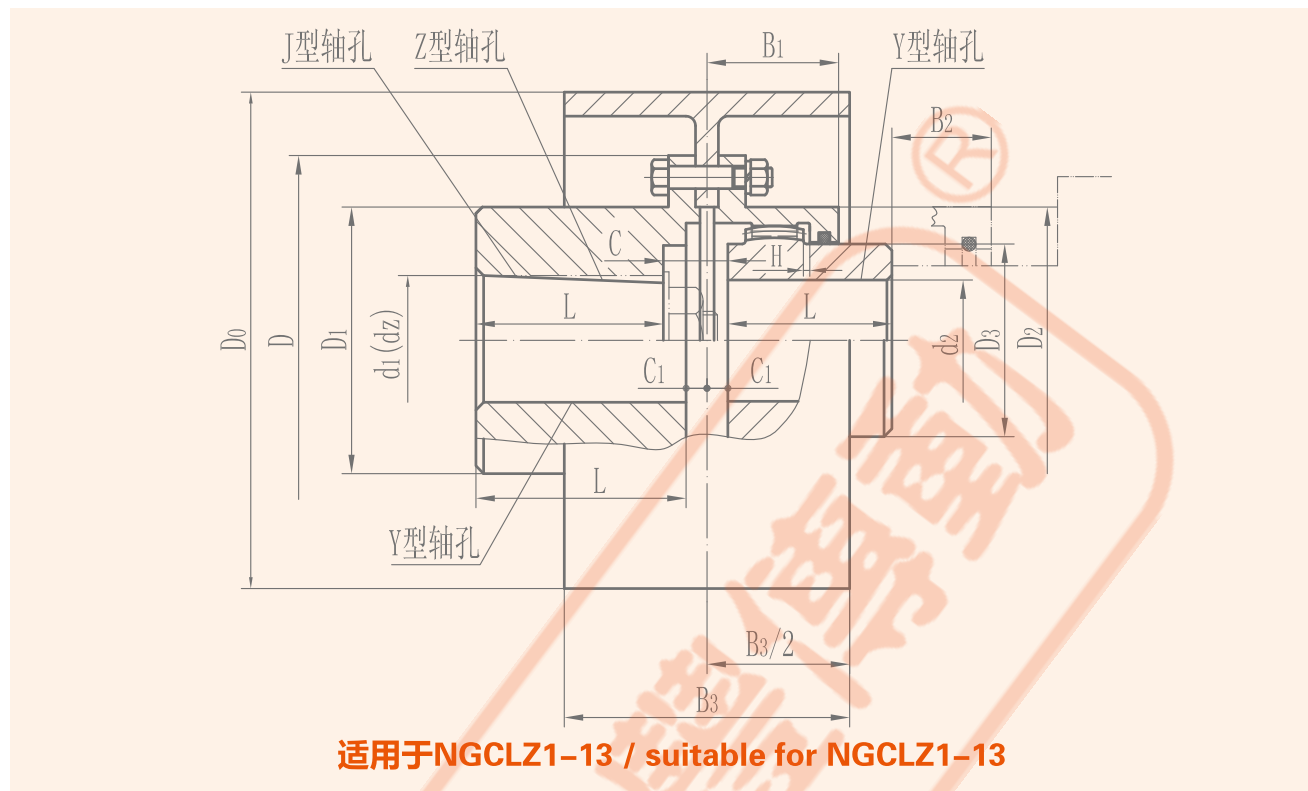


基本参数和主要尺寸 The parameter and main dimension (GB/T26103.4-2010)

型号 Type	公称转矩 Nominal torque Tn (kN.m)	许用转速 Allowable speed [n] (r/min)	轴孔直径 Diameter of the axis hole d1、d2、dz	轴孔长度 Length of axis hole L		D0	D	D1	D2	C	C1	H	B	B1	B2	B3	转动惯量 Moment of inertia kg.m <sup>2</sup>	质量 Weight kg	润滑脂容量 Grease volume mL
				Y	Z1、Y (短系列) (Short series)														
mm																			
NGCL1	0.63	4000	20,22,24	52	38	160	103	71	50	22	8	2	56	42	38	68	0.07	7	51
			25,28	62	44					26							0.071	7.3	
			30,32,35	82	60					30							0.079	8	
NGCL2	1	4000	25,28	62	44	160	115	83	60	26	8	2	68	48	42	68	0.08	9.7	70
			30,32,35,38	82	60					30							0.083	11	
			40,42,45	112	84					36							0.181	14.6	
NGCL3	1.6	3800	28	62	44	200	127	95	75	26	8	2	70	49	42	85	0.184	15.2	107
			30,32,35,38	82	60					30							0.187	17	
			40,42,45,48,50,55,56	112	84					36							0.225	18.6	
NGCL4	2.8	3800	38	82	60	200	149	116	90	26	8	2	74	53	42	85	0.237	21.4	137
			40,42,45,48,50,55,56	112	84					36							0.246	23.8	
			60,63,65	142	107					43							0.58	31.8	
NGCL5	4.5	3000	40,42,45,48,50,55,56	112	84	250	167	134	105	38	10	2.5	84	59	42	105	0.609	34.4	201
			60,63,65,70,71,75	142	107					45							0.714	37.2	
			45,48,50,55,56	112	84					38							0.754	38.5	
NGCL6	6.3	3000	60,63,65,70,71,75	142	107	250	187	153	125	45	10	2.5	85	60	42	105	0.795	47.6	238
			80,85,90	172	132					50							1.17	48.8	
			50,55,56	112	84					38							1.234	55.2	
NGCL7	8	2400	60,63,65,70,71,75	142	107	315 (300)	204	170	140	45	10	2.5	93	64	42	132	1.299	61.8	298
			80,85,90,95	172	132					50							1.388	71.1	
			100	212	167					55							3.747	80.7	
NGCL8	11.2	1900	55,56	112	84	400	230	186	155	40	12	3	112	77	47	168	3.841	90	465
			60,63,65,70,71,75	142	107					47							3.939	96.5	
			80,85,90,95	172	132					52							4.072	108	
NGCL9	18	1500	100,110	212	167	500	256	212	180	53	13	3	119	80	47	210	9.427	128	561
			60,63,65,70,71,75	142	107					58							9.605	138	
			80,85,90,95	172	132					63							9.847	151	
NGCL10	25	1200	130	252	202	630 (600)	287	239	200	48	15	3.5	120	90	47	265	10.109	167	734
			65,70,71,75	142	107					50							28.238	176	
			80,85,90,95	172	132					55							28.509	190	
NGCL11	35.5	1050	100,110,120,125	212	167	710 (700)	325	276	235	60	16	3.5	134	94	47	298	28.879	209	956
			130,140,150	252	202					65							29.248	237	
			70,71,75	142	107					51							44.309	257	
NGCL12	56	1050	80,85,90,95	172	132	710 (700)	362	313	270	56	17	4	164	104	49	298	44.825	275	1320
			100,110,120,125	212	167					57							47.88	306	
			130,140,150	252	202					67							48.29	317	
NGCL13	80	950	160,170,180	302	242	800	412	350	300	67	18	4.5	165	113	49	335	49.52	351	1600
			190,200,220	352	282					77							50.25	384	
			170,180	302	242					87							52.22	425	
NGCL14	125	950	190,200,220	352	282	800	462	420	335	80	20	5.5	209	157	63	335	53.69	464	3500
			240,250	410	330					88							82.7	490	
			150	252	202					90							84.7	544	

- 注：1.产品以实际计算设计为准。  
The figure must subject to actual calculation and design.
- 2.质量及转动惯量是按Y(短系列)型轴孔的最小直径计算的近似值。  
Weight and moment of inertia are approximate calculation value based on the minimum diameter of Y-axis hole (short series).
- 3.B2为更换密封所需要的尺寸。  
'B2' is the required dimension when the sealing is exchanged.
- 4.圆锥轴孔的最大直径至220mm。  
The maximum diameter of the cone axis hole is 220mm.

◎ NGCLZ型 带制动轮鼓形齿式联轴器



◎ NGCLZ型 带制动轮鼓形齿式联轴器

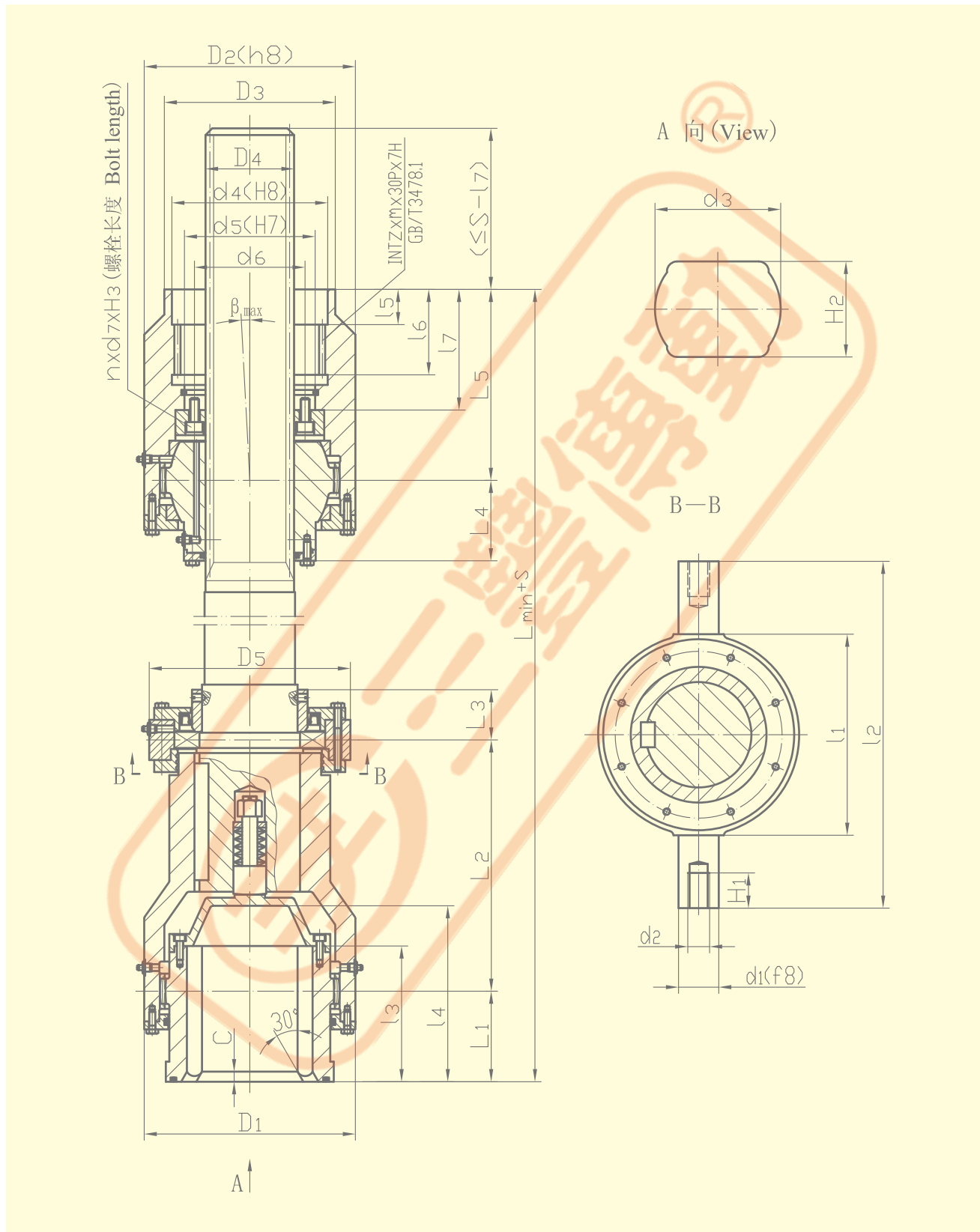


基本参数和主要尺寸 The parameter and main dimension (GB/T26103.5-2010)

型号 Type	公称转矩 Nominal torque Tn (kN.m)	许用转速 Allowable speed [n] (r/min)	轴孔直径 Diameter of the axis hole d1、d2、dz	轴孔长度 Length of axis hole L		D0	D	D1	D2	D3	C	C1	H	B1	B2	B3	转动惯量 Moment of inertia kg.m <sup>2</sup>	质量 Weight kg	润滑脂 容量 Grease volume mL			
				Y	J、Z、Y (短系列) (Short series)																	
NGCLZ1	0.63	4000	20,22,24	52	38	160	103	71	71	50	22	8	2	42	38	68	0.071	7.3	31			
			25,28	62	44															26	0.072	7.4
			30,32,35	82	60															30	0.076	8.4
NGCLZ2	1	4000	25,28	62	44	160	115	83	83	60	26	8	2	48	42	68	0.081	9.2	42			
			30,32,35,38	82	60															30	0.084	10.3
			40,42,45	112	84															36	0.088	10.5
NGCLZ3	1.6	3800	28	62	44	200	127	95	95	75	26	8	2	49	42	85	0.184	16.3	65			
			30,32,35,38	82	60															30	0.193	18.8
			40,42,45,48,50,55,56	112	84															36	0.225	19.8
NGCLZ4	2.8	3800	40,42,45,48,50,55,56	112	84	200	149	116	116	90	36	8	2	53	42	85	0.242	23.3	82			
			60,63,65	142	107															43	0.296	26.8
			80,85,90,95	172	132															50	0.337	33.3
NGCLZ5	4.5	3000	40,42,45,48,50,55,56	112	84	250	167	134	134	105	38	10	2.5	59	42	105	0.596	33.3	120			
			60,63,65,70,71,75	142	107															45	0.627	39
			80,85,90,95	172	132															50	0.72	40
NGCLZ6	6.3	3000	60,63,65,70,71,75	142	107	250	187	153	153	125	45	10	2.5	60	42	105	0.776	46.4	143			
			80,85,90,95	172	132															50	0.837	53.2
			100,110,120,125	212	167															55	1.178	51.8
NGCLZ7	8	2400	50,55,56	112	84	315 (300)	204	170	170	140	45	10	2.5	64	42	132	1.254	59.8	179			
			60,63,65,70,71,75	142	107															50	1.348	68.2
			80,85,90,95	172	132															55	1.479	79.6
NGCLZ8	11.2	1900	55,56	112	84	400	230	186	186	155	40	12	3	77	47	168	3.734	84	274			
			60,63,65,70,71,75	142	107															47	3.86	93.1
			80,85,90,95	172	132															52	3.996	104
NGCLZ9	18	1500	100,110,120,125	212	167	500	256	212	212	180	48	13	3	80	47	210	9.427	128	337			
			60,63,65,70,71,75	142	107															53	9.605	138
			80,85,90,95	172	132															58	9.847	151
NGCLZ10	25	1200	100,110,120,125	212	167	630 (600)	287	239	239	200	50	15	3.5	90	47	265	29.32	184	440			
			65,70,71,75	142	107															55	29.69	200
			80,85,90,95	172	132															60	30.21	222
NGCLZ11	35.5	1050	130,140,150	252	202	710 (700)	325	250	276	235	51	16	3.5	94	47	298	44	240	574			
			70,71,75	142	107															56	45	262
			80,85,90,95	172	132															61	45.5	299
NGCLZ12	56	1050	100,110,120,125	212	167	710 (700)	362	286	313	270	52	17	4	104	49	298	46	326	792			
			130,140,150	252	202															66	47	361
			160,170	302	242															76	48	290
NGCLZ13	80	950	75	142	107	800	412	322	350	300	57	18	4.5	113	49	335	49	317	960			
			80,85,90,95	172	132															62	50	355
			100,110,120,125	212	167															67	51	382
NGCLZ14	125	950	160,170,180	302	242	800	462	335	420	335	77	20	5.5	157	63	335	52	443	2100			
			190,200	352	282															87	53	470
			170,180	302	242															80	82	488

- 注:** 1. 产品以实际计算设计为准。  
The figure must subject to actual calculation and design.
2. 质量及转动惯量是按Y型轴孔的最小直径计算的近似值。  
Weight and moment of inertia are approximate calculation value based on the minimum diameter of Y-axis hole.
3. B2为更换密封所需要的尺寸。  
'B2' is the required dimension when the sealing is exchanged.
4. 圆锥轴孔的最大直径至220mm。  
The maximum diameter of the cone axis hole is 220mm.





基本参数和主要尺寸 The parameter and main dimension (JB/T10540-2005)

型号 Type	公称转矩 Nominal torque Tn (kN.m)	轴线折角 Angle of the axis $\beta$	外形尺寸 Outline dimension											伸缩量 Extensi on stroke S	耳轴尺寸 Trunnion Dimension			
			L1	L2	L3	L4	L5	Lmin	D1	D2 (h8)	D3	D4	D5		d1 (f8)	l1	l2	d2 x H1
mm																		
GSL-Z200	31.5	$\leq 1.5^\circ$	90	250	50	80	190	710	200	200	170	88	200	500	40	200	345	M20x35
GSL-Z250	50		105	280	60	90	195	780	250	258	220	105	250		45	270	425	M20x35
GSL-Z285	80		115	315	60	105	205	850	285	270	245	120	270		50	278	442	M20x40
GSL-Z300	100		115	315	62	108	205	855	300	280	250	124	280		50	292	487	M24x45
GSL-Z335	140		130	360	65	135	235	975	335	330	280	150	300	55	293	488	M24x45	
GSL-Z355	180		130	360	75	145	245	1005	355	350	310	174	330	55	312	505	M24x45	
GSL-Z390	224		140	390	80	155	255	1070	390	380	335	180	360	60	360	570	M24x50	
GSL-Z405	250		140	390	80	155	255	1070	405	400	340	194	390	60	390	580	M24x50	
GSL-Z440	315		150	430	85	165	260	1140	440	440	375	208	410	65	420	650	M24x50	
GSL-Z475	400		155	460	85	165	265	1180	475	480	415	220	450	70	460	684	M36x70	
GSL-Z510	500		160	490	90	180	310	1280	510	520	430	245	480	80	500	770	M36x70	
GSL-Z550	630		160	510	95	180	310	1300	550	550	470	252	510	85	520	800	M36x70	
GSL-Z580	750		165	515	98	185	320	1315	580	560	485	258	525	90	540	850	M42x80	
GSL-Z610	840		225	580	105	210	360	1550	610	610	520	280	580	100	600	940	M42x80	
GSL-Z660	1050		245	640	115	230	390	1690	660	660	540	295	630	100	650	990	M42x80	
GSL-Z710	1300		265	680	125	250	410	1800	710	710	580	315	680	110	700	1070	M42x80	
GSL-Z760	1600	290	730	135	260	430	1920	760	760	620	340	740	120	750	1150	M42x80		

型号 Type	轧辊端连接尺寸 Connection dimension of roller side				减速器端连接尺寸 Connection dimension of gear box side								质量 Weight kg		转动惯量 Moment of inertia kg.m <sup>2</sup>				
	d3max		H2max		l3max	l4max	C	d4 (H8)	d5 (H7)	d6 (JS10)	m x z	n x d7 x H3	l5	l6	l7	Lmin	每增长 100mm Per additional 100mm	Lmin	每增长 100mm Per additional 100mm
	公称尺寸 Nominal dimension	极限偏差 Nominal dimension	公称尺寸 Nominal dimension	极限偏差 Nominal dimension															
GSL-Z200	125		95		135	175	10	155	130	110	4x36	6xM10x25	35	85	120	150	4.77	0.75	0.024
GSL-Z250	150	+0.20	110	+0.20	195	235		195	170	150	4x46	8xM10x25	35	90	125	207	6.8	1.62	0.05
GSL-Z285	165	+0.10	120	+0.10	205	245		220	195	175	4x46	10xM10x25	40	95	130	291	8.88	2.95	0.09
GSL-Z300	180		130		210	250	15	220	195	175	5x42	12xM12x30	45	100	132	322	9.48	3.62	0.11
GSL-Z335	195	+0.25	150	+0.25	210	255		245	220	200	5x46	12xM12x30	50	100	150	460	13.87	6.45	0.19
GSL-Z355	195	+0.15	150	+0.15	215	255		260	240	220	5x50	12xM12x30	50	100	150	507	18.67	7.99	0.29
GSL-Z390	220		170		230	275		280	260	240	5x54	12xM12x30	50	100	150	650	19.98	12.36	0.38
GSL-Z405	240	+0.35	180	+0.35	240	285		305	280	260	5x58	12xM12x30	50	110	155	785	23.2	16.09	0.48
GSL-Z440	260	+0.20	190	+0.20	250	295	25	336	306	276	6x54	12xM16x40	50	115	155	836	26.67	20.23	0.65
GSL-Z475	280		210		272	317		365	330	300	6x58	12xM16x40	50	115	155	1032	29.84	29.11	0.84
GSL-Z510	300		230		300	355		390	345	315	6x62	12xM16x40	50	130	170	1531	37.01	49.78	1.2
GSL-Z550	320		240		320	375	30	400	370	320	6x64	12xM16x40	50	130	170	1537	39.15	58.12	1.48
GSL-Z580	340		260		325	388		405	370	320	6x66	12xM16x40	50	135	175	1769	41.04	74.39	1.73
GSL-Z610	400	+0.40	300	+0.40	420	470		455	420	370	8x54	12xM20x50	50	160	210	2492	48.34	115.91	2.25
GSL-Z660	420	+0.25	320	+0.25	440	500	35	485	440	400	8x58	12xM20x50	60	180	230	3178	53.65	173.04	2.92
GSL-Z710	460		350		480	540	40	530	475	430	10x50	12xM20x50	60	190	240	3693	61.18	232.71	3.85
GSL-Z760	500		380		530	590		570	515	470	10x54	12xM20x50	60	200	250	4592	71.27	331.54	5.15

注：1.产品以实际计算设计为准。

The figure must subject to actual calculation and design.

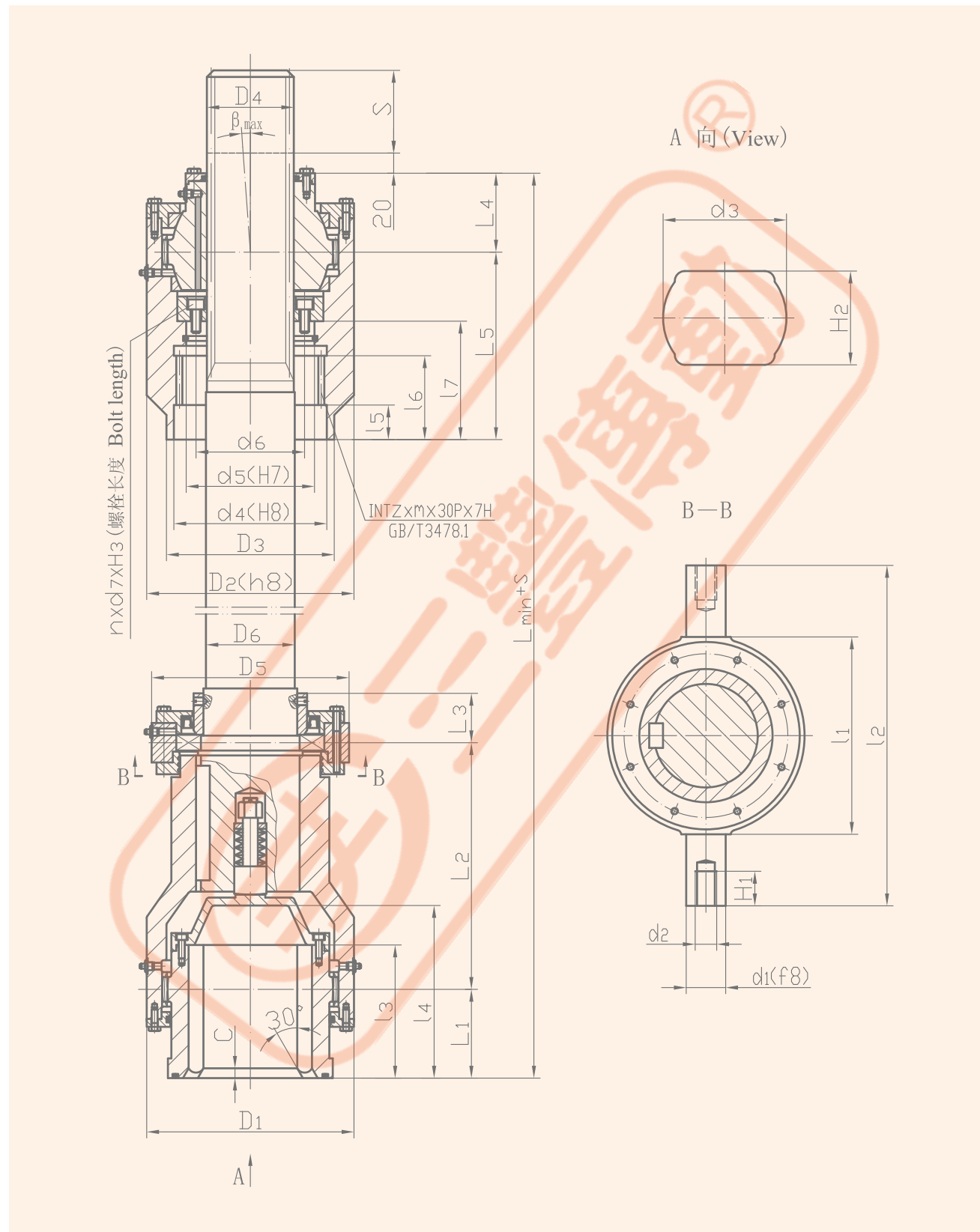
2.表中的质量和转动惯量是按Lmin(不含伸缩量)计算的近似值。

The weight and moment of inertia are approximate calculation value based on the minimum length Lmin(exclude the extension stroke).

3.Lmin为联轴器允许制造的最短长度尺寸，实际需要最短长度尺寸及伸缩量可根据用户需要确定，但必须 $\geq$ Lmin。

Lmin is the minimum length for manufacturing. The actual minimum length and stroke can be decided by customer, which must  $\geq$ Lmin.

◎ **GSL-F型** 伸缩型反装鼓形齿式联轴器



◎ **GSL-F型** 伸缩型反装鼓形齿式联轴器



基本参数和主要尺寸 The parameter and main dimension (JB/T10540-2005)

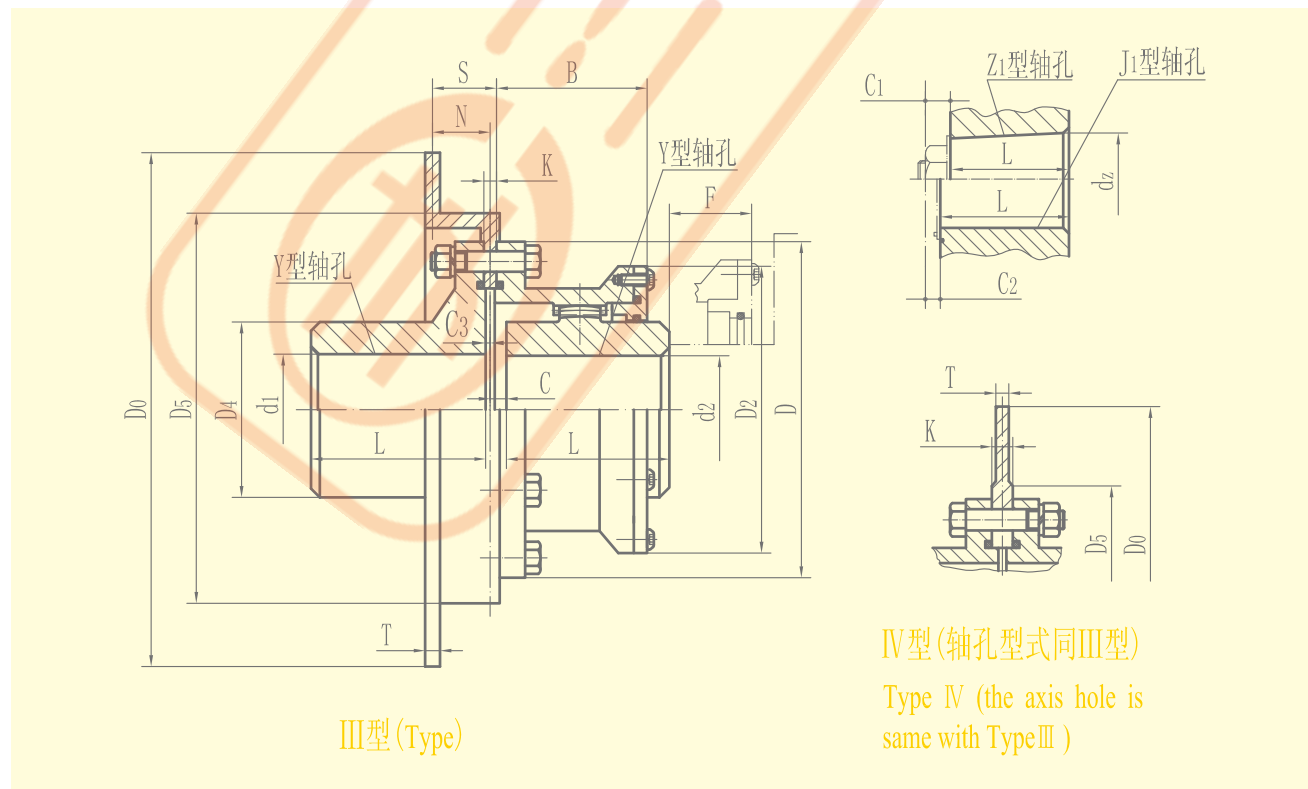
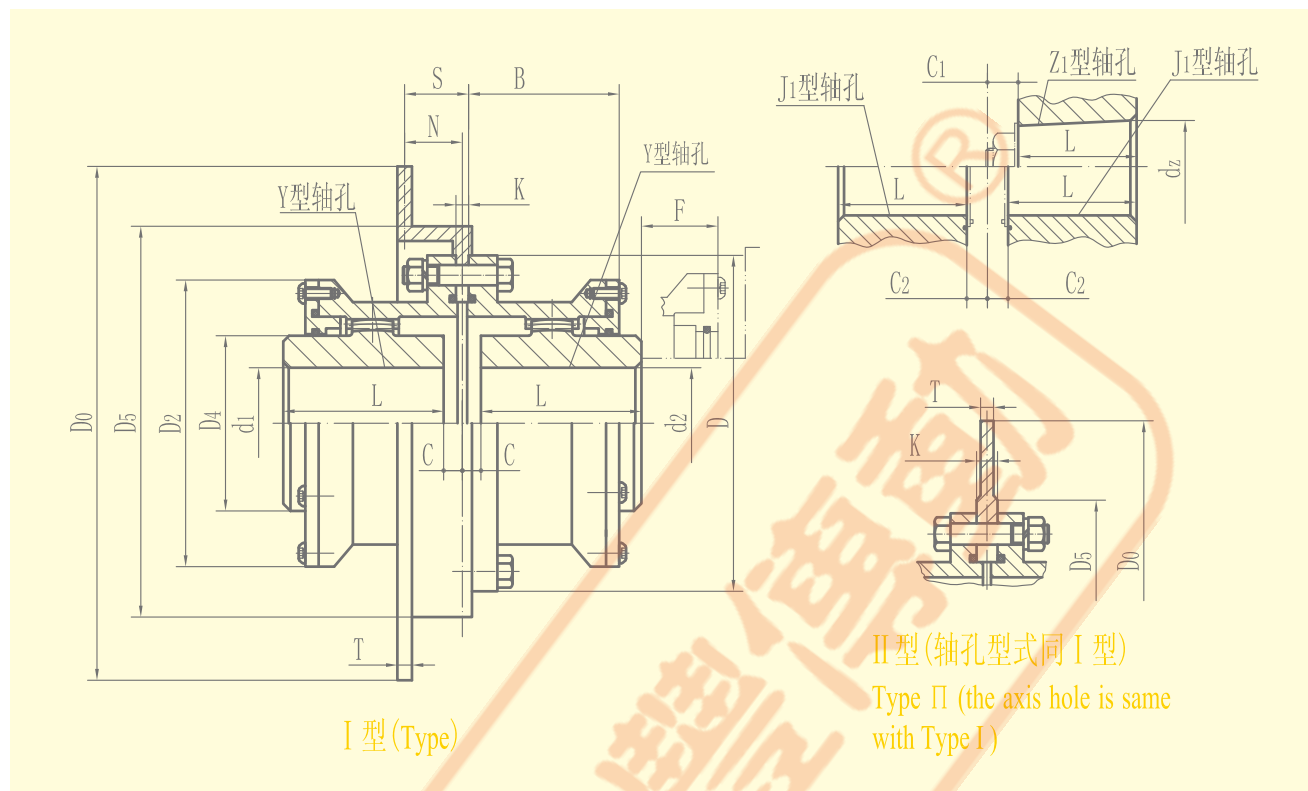
型号 Type	公称转矩 Nominal torque Tn (kN.m)	轴线折角 Angle of the axis $\beta$	外形尺寸 Outline dimension												伸缩量 Extensi on stroke S	耳轴尺寸 Trunnion Dimension			
			L1	L2	L3	L4	L5	Lmin	D1	D2 (h8)	D3	D4	D5	D6		d1 (f8)	l1	l2	d2 x H1
GSL-F200	31.5	$\leq 1.5^\circ$	90	250	50	80	190	960	200	200	170	88	200	90	500	40	200	345	M20x35
GSL-F250	50		105	280	60	90	195	1050	250	258	220	105	250	107		45	270	425	M20x35
GSL-F285	80		115	315	60	105	205	1140	285	270	245	120	270	122		50	278	442	M20x40
GSL-F300	100		115	315	62	108	205	1165	300	280	250	124	280	126		50	292	487	M24x45
GSL-F335	140		130	360	65	135	235	1315	335	330	280	150	300	152	55	293	488	M24x45	
GSL-F355	180		130	360	75	145	245	1360	355	350	310	174	330	176	55	312	505	M24x45	
GSL-F390	224		140	390	80	155	255	1450	390	380	335	180	360	182	60	360	570	M24x50	
GSL-F405	250		140	390	80	155	255	1450	405	400	340	194	390	196	60	390	580	M24x50	
GSL-F440	315		150	430	85	165	260	1540	440	440	375	208	410	210	65	420	650	M24x50	
GSL-F475	400		155	460	85	165	265	1600	475	480	415	220	450	222	70	460	684	M36x70	
GSL-F510	500		160	490	90	180	310	1750	510	520	430	245	480	247	80	500	770	M36x70	
GSL-F550	630		160	510	95	180	310	1770	550	550	470	252	510	254	85	520	800	M36x70	
GSL-F580	750		165	515	98	185	320	1790	580	560	485	258	525	260	90	540	850	M42x80	
GSL-F610	840		225	580	105	210	360	2060	610	610	520	280	580	282	100	600	940	M42x80	
GSL-F660	1050		245	640	115	230	390	2230	660	660	540	295	630	297	100	650	990	M42x80	
GSL-F710	1300		265	680	125	250	410	2380	710	710	580	315	680	317	110	700	1070	M42x80	
GSL-F760	1600	290	730	135	260	430	2540	760	760	620	340	740	342	120	750	1150	M42x80		

型号 Type	轧辊端连接尺寸 Connection dimension of roller side						减速器端连接尺寸 Connection dimension of gear box side						质量 Weight kg		转动惯量 Moment of inertia kg.m <sup>2</sup>				
	d3max		H2max		l3max	l4max	C	d4 (H8)	d5 (H7)	d6 (JS10)	m x z	n x d7 x H3	l5	l6	l7	Lmin	每增长 100mm Per additional 100mm	Lmin	每增长 100mm Per additional 100mm
	公称尺寸 Nominal dimension	极限偏差 Nominal dimension	公称尺寸 Nominal dimension	极限偏差 Nominal dimension															
GSL-F200	125		95		135	175	10	155	130	110	4x36	6xM10x25	35	85	120	162	4.77	0.81	0.024
GSL-F250	150	+0.20	110	+0.20	195	235		195	170	150	4x46	8xM10x25	35	90	125	226	6.8	1.77	0.05
GSL-F285	165	+0.10	120	+0.10	205	245		220	195	175	4x46	10xM10x25	40	95	130	317	8.88	3.22	0.09
GSL-F300	180		130		210	250	15	220	195	175	5x42	12xM12x30	45	100	132	352	9.48	3.96	0.11
GSL-F335	195	+0.25	150	+0.25	210	255		245	220	200	5x46	12xM12x30	50	100	150	508	13.87	7.13	0.19
GSL-F355	195	+0.15	150	+0.15	215	255		260	240	220	5x50	12xM12x30	50	100	150	574	18.67	9.04	0.29
GSL-F390	220		170		230	275		280	260	240	5x54	12xM12x30	50	100	150	727	19.98	13.82	0.38
GSL-F405	240	+0.35	180	+0.35	240	285		305	280	260	5x58	12xM12x30	50	110	155	874	23.2	17.92	0.48
GSL-F440	260	+0.20	190	+0.20	250	295	25	336	306	276	6x54	12xM16x40	50	115	155	944	26.67	22.84	0.65
GSL-F475	280		210		272	317		365	330	300	6x58	12xM16x40	50	115	155	1159	29.84	32.69	0.84
GSL-F510	300		230		300	355		390	345	315	6x62	12xM16x40	50	130	170	1707	37.01	55.5	1.2
GSL-F550	320		240		320	375	30	400	370	320	6x64	12xM16x40	50	130	170	1723	39.15	65.15	1.48
GSL-F580	340		260		325	388		405	370	320	6x66	12xM16x40	50	135	175	1966	41.04	82.67	1.73
GSL-F610	400	+0.40	300	+0.40	420	470		455	420	370	8x54	12xM20x50	50	160	210	2741	48.34	127.49	2.25
GSL-F660	420	+0.25	320	+0.25	440	500	35	485	440	400	8x58	12xM20x50	60	180	230	3470	53.65	188.94	2.92
GSL-F710	460		350		480	540	40	530	475	430	10x50	12xM20x50	60	190	240	4051	61.18	255.26	3.85
GSL-F760	500		380		530	590		570	515	470	10x54	12xM20x50	60	200	250	5037	71.27	363.67	5.15

- 注：1.产品以实际计算设计为准。  
The figure must subject to actual calculation and design.
- 2.表中的质量和转动惯量是按Lmin(不含伸缩量)计算的近似值。  
The weight and moment of inertia are approximate calculation value based on the minimum length Lmin(exclude the extension stroke).
- 3.Lmin为联轴器允许制造的最短长度尺寸，实际需要最短长度尺寸及伸缩量可根据用户需要确定，但必须 $\geq$ Lmin。  
Lmin is the minimum length for manufacturing. The actual minimum length and stroke can be decided by customer, which must  $\geq$ Lmin.



◎ WGP型 带制动盘鼓形齿式联轴器



◎ WGP型 带制动盘鼓形齿式联轴器



基本参数和主要尺寸 The parameter and main dimension (JB/T7001-2007)

型号 Type	公称转矩 Nominal torque Tn (kN.m)	许用转速 Allowable speed [n] (r/min)	轴孔直径 Diameter of the axis hole d1、d2、dz			轴孔长度 Length of axis hole L		D0	D	D2	D4	B	F	N	C	C1	C2	C3	转动惯量 Moment of inertia kg.m <sup>2</sup>	质量 Weight kg	润滑脂 容量 Grease volume mL
			Y	J1、Z1	mm	mm															
WGP1	0.8	4000	12,14	32		315	122	98	60	58	30	38							0.0078	5.6	110
			16,18,19	42																	
			20,22,24	52																	
			25,28	62	44																
			30,32,35,38	82	60																
WGP2	1.4	4000	40,42	112	84	315	150	118	77	68	30	38							0.022	9.65	120
			22,24	52																	
			25,28	62																	
			30,32,35,38	82	60																
			40,42,45,48,50,55,56	112	84																
WGP3	2.8	4000	22,24	52		355	170	140	90	80	30	49							0.047	16.6	200
			25,28	62																	
			30,32,35,38	82	60																
			40,42,45,48,50,55,56	112	84																
			60,63	142	107																
WGP4	5	3000	30,32,35,38	82		400	450	200	160	112	90	30	45						0.098	25.3	280
			40,42,45,48,50,55,56	112	84																
			60,63,65,70,71,75	142	107																
			80	172	132																
			80,85,90	172	132																
WGP5	8	2500	30,32,35,38	82		400	450	225	180	128	100	30	45						0.174	34.7	450
			40,42,45,48,50,55,56	112	84																
			60,63,65,70,71,75	142	107																
			80,85,90	172	132																
			80,85,90	172	132																
WGP6	11.2	2000	32,35,38	82		450	500	245	200	145	112	30	44						0.293	51.3	650
			40,42,45,48,50,55,56	112	84																
			60,63,65,70,71,75	142	107																
			80,85,90,95	172	132																
			100	212	167																
WGP7	16	1700	32,35,38	82		450	500	272	230	160	122	30	44						0.53	68	800
			40,42,45,48,50,55,56	112	84																
			60,63,65,70,71,75	142	107																
			80,85,90,95	172	132																
			100,110	212	167																
WGP8	22.4	1700	55,56	112		500	560	290	245	176	136	30	44						0.71	79	950
			60,63,65,70,71,75	142	107																
			80,85,90,95	172	132																
			100,110,120,125	212	167																
			100,110,120,125	212	167																
WGP9	28	1600	65,70,71,75	142		560	630	315	265	190	140	30	58						1.05	106.5	1300
			80,85,90,95	172	132																
			100,110,120,125	212	167																
			130,140	252	202																
			130,140	252	202																
WGP10	45	1600	75	142		630	710	355	300	225	165	30	58						1.74	159	1600
			80,85,90,95	172	132																
			100,110,120,125	212	167																
			130,140,150	252	202																
			160	302	242																
WGP11	63	1400	85,90,95	172		710	800	412	345	256	180	40	58						3.67	215	2000
			100,110,120,125	212	167																
			130,140,150	252	202																
			160,170,180	302	242																
			160,170,180	302	242																
WGP12	90	1400	120,125	212		710	800	440	375	288	207	40	58						6.4	303	3400
			130,140,150	252	202																
			160,170,180	302	242																
			190,200	352	282																
			190,200	352	282																
WGP13	125	1400	140,150	252		800	900	490	425	320	235	50	58						10.45	391	4400
			160,170,180	302	242																
			190,200,220	352	282																
			190,200,220	352	282																
			190,200,220	352	282																
WGP14	180	1200	160,170,180	302		900	1000	545	462	362	265	50	65	10					17.48	523	6600
			190,200,220	352	282																
			240,250,260	410	330																
			240,250,260	410	330																
			240,250,260	410	330																

制动盘主要尺寸、质量、转动惯量 (表2)

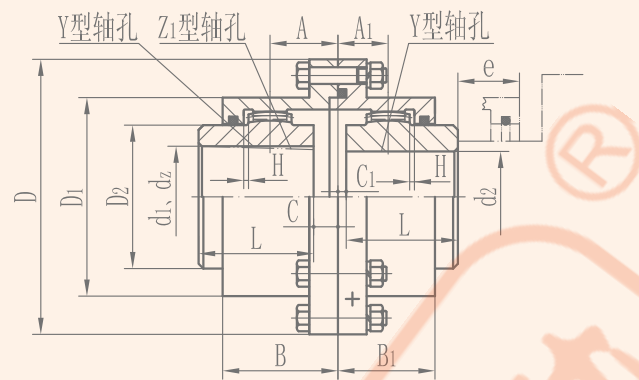
Table2 The main dimension, Weight and Moment of inertia of the brake disc

制动盘直径 Diameter of brake disc D0	T	K	S	D <sub>5max</sub>		质量 Weight m kg		转动惯量 Moment of inertia I kg.m <sup>2</sup>	
				I、III	II、IV	I、III	II、IV	I、III	II、IV
315	15	10	42	180	155	8.5	6.7	0.116	0.11
355	15	10	54	200	175	11.4	9.9	0.192	0.178
400	15	14	54	255	230	15.2	12.4	0.32	0.287
450	15	16	54	305	280	19.7	15.6	0.55	0.462
500	15	18	54	325	295	25	20	0.83	0.712
560	15	18	54	350	320	30.7	25.6	1.28	1.127
630	15	20	54	400	360	38.8	33	2.06	1.826
710	15	20	54	480	450	46.5	39.4	3.32	2.912
800	15	24	70	540	500	67.8	52.7	5.87	4.81
900	15	24	70	600	560	86.6	70.3	9.3	7.852
1000	20	30	80	620	560	128.8	115.1	17.4	15.65

- 注：1.产品以实际计算设计为准。  
The figure must subject to actual calculation and design.
- 2.质量及转动惯量是按Y型轴孔最大直径计算的近似值，未计算制动盘，制动盘质量和转动惯量表2。  
Weight and moment of inertia are approximate calculation value based on the maximum diameter of Y-axis hole exclude the brake disc. The weight and rotary inertia of disc refer to the table 2.
- 3.N=S-K/2, S、K值见表2,表中N值是制动盘直径最大时的计算值。  
N=S-K/2, S、K refer to the table 2. The N in the table is the maximum calculation Table value of brake disc with maximum diameter.
- 4.不同制动盘直径的C、C1、C2值为表中数值再加K/2, K值见表2。  
The C、C1、C2 value for different diameter brake disc equals to the value in the table plus K/2, which need refer to the table 2.
- 5.锥轴最大轴孔直径至220mm。  
The maximum diameter of the cone axis hole is 220mm.
- 6.F为更换密封所需要的尺寸。  
'F' is the required dimension when the sealing is exchanged.



◎ GCLD型 鼓形齿式联轴器



基本参数和主要尺寸 The parameter and main dimension(GB/T26103.3-2010)

型号 Type	公称转矩 Nominal torque Tn (kN.m)	许用转速 Allowable speed [n] (r/min)	轴孔直径 Diameter of the axis hole d1、d2、dz	轴孔长度 Length of axis hole L		D	D1	D2	C	C1	H	A	A1	B	B1	e	转动 惯量 Moment of inertia kg.m <sup>2</sup>	质量 Weight kg	润滑脂 容量 Grease volume mL
				Y	Z1、Y (短系列) (Short series)														
GCLD1	1.6	5600	22,24	52	38	127	95	75	27	4	2	43	22	66	45	42	0.0088	6.2	107
			25,28	62	44												0.0102	7.2	
			30,32,35,38	82	60												0.011	7.8	
			40,42,45,48,50,55,56	112	84												0.0118	9.6	
GCLD2	2.8	5100	38	82	60	149	116	90	26.5	4	2	49.5	24.5	70	49	42	0.0213	11.2	137
			40,42,45,48,50,55,56	112	84												0.0215	14	
			60,63,65	142	107												0.0243	16.4	
GCLD3	4.5	4600	40,42,45,48,50,55,56	112	84	167	134	105	33	5	2.5	53.5	27.5	80	54	42	0.04	17.2	201
			60,63,65,70,71,75	142	107												0.0475	22.4	
GCLD4	6.3	4300	45,48,50,55,56	112	84	187	153	125	33.5	5	2.5	54	28	81	55	42	0.0725	25.2	238
			60,63,65,70,71,75	142	107												0.0825	26.4	
			80,85,90	172	132												0.095	35.6	
GCLD5	8	4000	50,55,56	112	84	204	170	140	37.5	5	2.5	60	30	89	59	42	0.1125	31.6	298
			60,63,65,70,71,75	142	107												0.1175	38	
			80,85,90,95	172	132												0.145	44.6	
			100,105	212	167												0.1674	53.9	
GCLD6	11.2	3700	55,56	112	84	230	186	155	43.5	6	3	68.5	33.5	106	71	47	0.1875	40.5	465
			60,63,65,70,71,75	142	107												0.21	49.8	
			80,85,90,95	172	132												0.235	56.3	
			100,110,115	212	167												0.2675	67.5	
GCLD7	18	3350	60,63,65,70,71,75	142	107	256	212	180	48	6	3	73.5	34.5	112	73	47	0.3575	63.9	561
			80,85,90,95	172	132												0.4	74.7	
			100,110,120,125	212	167												0.4625	88	
			130,135	252	202												0.5275	106.7	
GCLD8	25	3000	65,70,71,75	142	107	287	239	200	40.5	7	3.5	75	39	118	82	47	0.56	81.7	734
			80,85,90,95	172	132												0.6275	95.5	
			100,110,120,125	212	167												0.72	114	
			130,140,150	252	202												0.8125	123	
GCLD9	35.5	2700	70,71,75	142	107	325	276	235	49.5	7	3.5	87.5	40.5	132	85	47	1.0775	112	956
			80,85,90,95	172	132												1.2075	130	
			100,110,120,125	212	167												1.3825	156	
			130,140,150	252	202												1.56	181	
GCLD10	56	2450	160,170,175	302	242	362	313	270	65	8	4	98.5	44.5	149	95	49	1.77	212	1320
			75	142	107												1.97	161	
			80,85,90,95	172	132												2.0725	172	
			100,110,120,125	212	167												2.38	206	
			130,140,150	252	202												2.5625	239	
			160,170,180	302	242												3.055	280	
190,200,220	352	282	3.4225	319															

注：1.产品以实际计算设计为准。

The figure must subject to actual calculation and design.

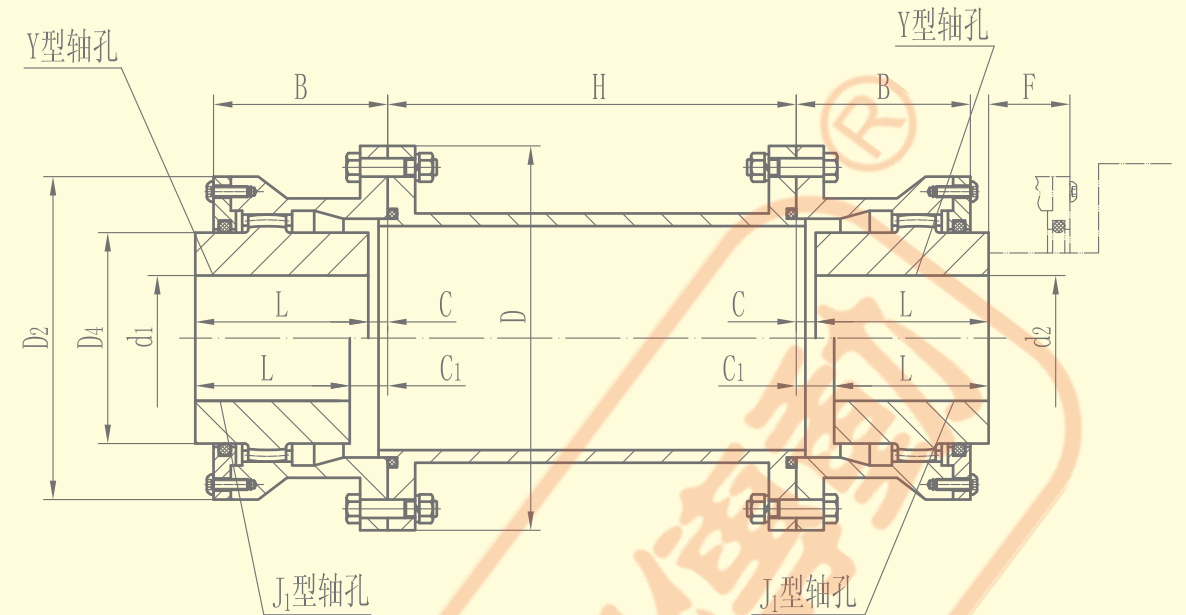
2.质量及转动惯量是按Y(短系列)型轴孔的最小直径计算的近似值。

Weight and moment of inertia are approximate calculation value based on the minimum diameter of Y- axis hole (short series).

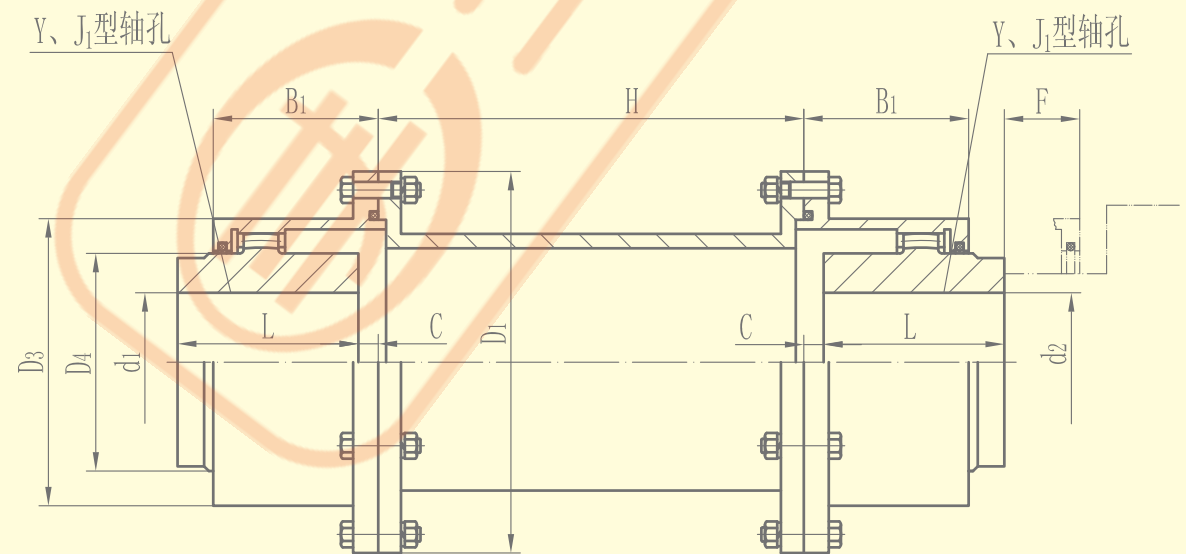
3.e为更换密封所需要的尺寸。

'e' is the required dimension when the sealing is exchanged.

◎ WGT型 接中间套鼓形齿式联轴器



I型(Type)



II型(Type)

◎ WGT型 接中间套鼓形齿式联轴器



基本参数和主要尺寸 The parameter and main dimension ( JB/T7004-2007)

型号 Type	公称转矩 Nominal torque T <sub>n</sub> (kN.m)	许用转速 Allowable speed [n] (r/min)	轴孔直径 Diameter of the axis hole d1、d2		轴孔长度 Length of axis hole L		D	D1	D2	D3	D4	B	B1	F	H min
			Y	J1											
mm															
WGT1	0.8	7500	12,14	32	122	115	98	88	60	58	50	30	75		
			16,18,19	42											
			20,22,24	52											
			25,28	62										44	
			30,32,35,38	82										60	
WGT2	1.4	6700	40,42	112	150	145	118	108	77	68	52	30	80		
			22,24	52											
			25,28	62											
			30,32,35,38	80										60	
WGT3	2.8	6300	40,42,45,48,50,55,56	112	170	165	140	125	90	80	54	30	80		
			22,24	52											
			25,28	62											
			60,63	142										107	
WGT4	5	5600	30,32,35,38	82	200	195	160	145	112	90	58	30	100		
			40,42,45,48,50,55,56	112										84	
			60,63,65,70,71,75	142										107	
			80	172										132	
WGT5	8	5300	30,32,35,38	82	225	215	180	168	128	100	63	30	100		
			40,42,45,48,50,55,56	112										84	
			60,63,65,70,71,75	142										107	
			80,85,90	172										132	
WGT6	11.2	5000	32,35,38	82	245	230	200	185	145	112	67	30	100		
			40,42,45,48,50,55,56	112										107	
			60,63,65,70,71,75	142										107	
			80,85,90,95	172										132	
WGT7	16	4500	40,42,45,48,50,55,56	112	272	265	230	210	160	122	74	30	120		
			32,35,38	82											
			60,63,65,70,71,75	142										107	
			80,85,90,95	172										132	
WGT8	22.4	4250	55,56	112	290	272	245	225	176	136	81	30	120		
			60,63,65,70,71,75	142										107	
			80,85,90,95	172										132	
			100,110,120,125	212										167	
WGT9	28	4000	65,70,71,75	142	315	305	265	245	190	140	88	30	155		
			80,85,90,95	172										132	
			100,110,120,125	212										167	
			130,140	252										202	
WGT10	45	3550	75	142	355	340	300	280	225	165	98	30	155		
			80,85,90,95	172										132	
			100,110,120,125	212										167	
			130,140,150	252										202	
WGT11	63	3000	160	302	412	385	345	325	256	180	112	40	175		
			85,90,95	172											
			100,110,120,125	212										167	
			130,140,150	252										202	
WGT12	90	2800	120,125	212	440	435	375	360	288	210	125	40	205		
			130,140,150	252										202	
			160,170,180	302										242	
			190,200	352										282	

◎ WGT型 接中间套鼓形齿式联轴器



基本参数和主要尺寸 The parameter and main dimension ( JB/T7004-2007)

型号 Type	C		C1	质量 Weight kg		转动惯量 Moment of inertia kg.m <sup>2</sup>		每加长10mm的质量 Weight of the per additional 10mm length m/kg		每加长10mm的转动惯量 Moment of inertia of the per additional 10mm length l/kg.m <sup>2</sup>		润滑脂容量 Grease volume mL				
	I	II		I	II	I	II	I	II	I	II					
												mm				
WGT1	30	14	7.24	6.37	0.011	0.009	0.088	0.08	0.0001	0.00008	85	40				
	20	4														
	10	4														
	3	3											18	12	12	
WGT2	20	4	12.5	9.88	0.029	0.023	0.13	0.125	0.0002	0.00021	90	60				
	10	3											16			
	3	3														
WGT3	33	7	20.2	15.3	0.062	0.047	0.16	0.16	0.0004	0.00038	170	100				
	23	3											25	16		
	3	3														
WGT4	13	3	30.8	24.8	0.13	0.104	0.2	0.19	0.0008	0.00071	250	150				
	3	3											17			
WGT5	23	3	41	31.9	0.223	0.168	0.23	0.22	0.0012	0.001	350	220				
	3	3											19			
WGT6	35	5	58.2	44.1	0.356	0.266	0.26	0.24	0.0017	0.0013	400	290				
	5	5											20			
WGT7	45	5	79.1	53.6	0.664	0.455	0.32	0.3	0.003	0.0027	600	440				
	15	5											20			
WGT8	29	5	91	64.8	0.874	0.577	0.32	0.3	0.003	0.0027	750	550				
	5	5											34	20		
WGT9	38	5	122	94.3	1.3	0.979	0.42	0.4	0.0045	0.0043	1000	790				
	5	5											28			
WGT10	28	5	181	122	1.87	1.54	0.46	0.45	0.0064	0.006	1300	900				
	5	5											38	28		
WGT11	15	8	245	191	4.53	3.35	0.52	0.5	0.0091	0.009	1600	1230				
	8	8											32			
WGT12	45	8	343	276	7.64	5.65	0.71	0.7	0.015	0.014	2600	1900				
	8	8											32			



基本参数和主要尺寸 The parameter and main dimension ( JB/T7004-2007)

型号 Type	公称转矩 Nominal torque Tn (kN.m)	许用转速 Allowable speed [n] (r/min)	轴孔直径 Diameter of the axis hole d1、d2		轴孔长度 Length of axis hole L		D	D1	D2	D3	D4	B	B1	F	H min	
			Y	J1	Y	J1										
mm																
WGT13	125	2500	140,150	252	202	490	480	425	400	320	235	136	50	205		
			160,170,180	302	242											
			190,200,220	352	282											
WGT14	180	2300	160,170,180	302	242	545	540	462	440	362	265	158	50	240		
			190,200,220	352	282											
			240,250,260	410	330											
WGT15	250	2100	160,170,180	302	242	580		488		400	280			50	240	
			190,200,220	352	282											
			240,250,260	410	330											
			280	470	380											
WGT16	315	1900	180	302	242	650		560		440	300			50	240	
			190,200,220	352	282											
			240,250,260	410	330											
			280,300	470	380											
WGT17	400	1800	200,220	352	282	690		600		460	325			50	280	
			240,250,260	410	330											
			280,300,320	470	380											
WGT18	500	1700	220	352	282	750		650		510	350			60	280	
			240,250,260	410	330											
			280,300,320	470	380											
			340,360	550	450											
WGT19	630	1600	240,250,260	410	330	775		690		535	372			60	350	
			280,300,320	470	380											
			340,360,380	550	450											
WGT20	800	1500	260	410	330	825		730		580	392			60	350	
			280,300,320	470	380											
			340,360,380	550	450											
			400	650	540											
WGT21	900	1300	280,300,320	470	380	925		825		620	405			60	350	
			340,360,380	550	450											
			400,420,440	650	540											
WGT22	1000	950	320	470	380	950		850		665	410			60	400	
			340,360,380	550	450											
			400,420,440,450,460	650	540											
WGT23	1120	900	360,380	550	450	1030		900		710	440			60	400	
			400,420,440,450,460,480,500	650	540											
WGT24	1400	850	380	550	450	1060		925		730	450			70	400	
			400,420,440,450,460,480,500	650	540											
			520	800	680											



基本参数和主要尺寸 The parameter and main dimension ( JB/T7004-2007)

型号 Type	C		C1	质量 Weight kg		转动惯量 Moment of inertia kg.m <sup>2</sup>		每加长10mm的质量 Weight of the per additional 10mm length m/kg		每加长10mm的转动惯量 Moment of inertia of the per additional 10mm length l/kg.m <sup>2</sup>		润滑脂容量 Grease volume mL	
	I	II		I	II	I	II	I	II	I	II		
	mm			I	II	I	II	I	II	I	II		
WGT13	8	8	38	441	353	12.52	9.46	0.83	0.8	0.024	0.023	3300	2400
			32										
WGT14	10	10	32	596	483	21.21	16.4	0.96	0.95	0.037	0.035	4800	3700
			10										
WGT15	10		43	758		29.67		1.03		0.044		5000	
			32										
			10										
WGT16	12		63	1043		50.58		1.5		0.072		7000	
			32										
			12										
WGT17	12		48	1191		68.15		2.5		0.16		8000	
			12										
WGT18	12		73	1558		74.99		2.76		0.22		10000	
			25										
			12										
WGT19	12		45	1726		129.5		2.96		0.27		11000	
			12										
WGT20	14		65	2302		190.8		3.16		0.32		13000	
			14										
WGT21	14		30	2744		280.8		4.2		0.5		20000	
			14										
WGT22	14		35	3102		346.3		4.47		0.59		26000	
			14										
WGT23	14		14	3575		459.7		4.77		0.88		29000	
WGT24	16		16	4213		560		6.07		1.02		32000	

注：1.产品以实际计算设计为准。

The figure must subject to actual calculation and design.

2.质量及转动惯量是按最大Y型轴孔和中间套长度Hmin时计算的近似值。

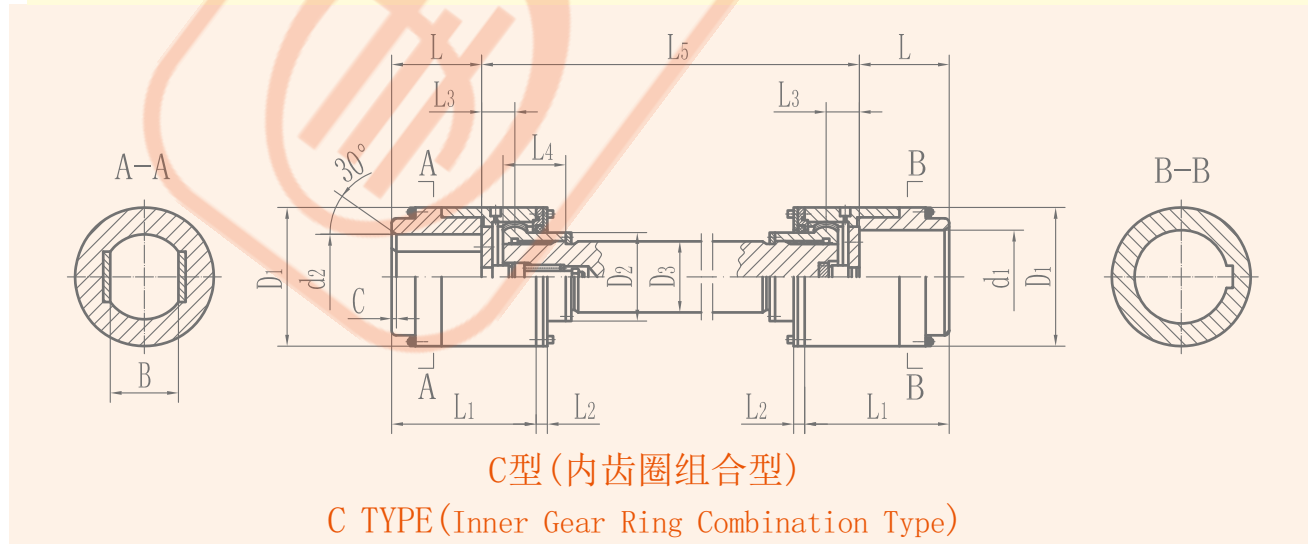
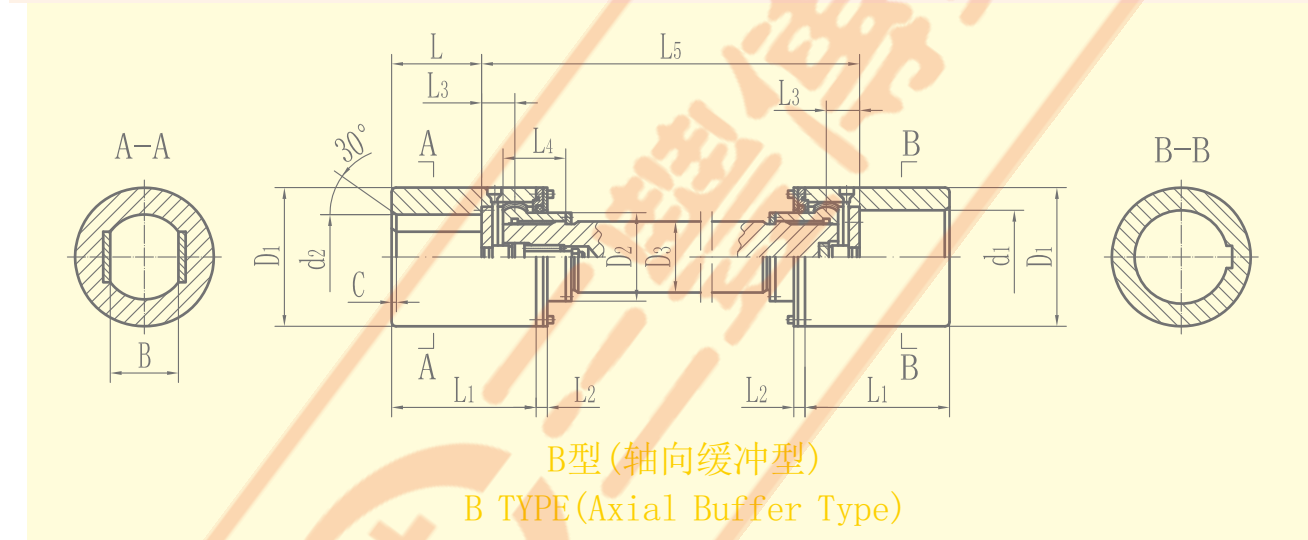
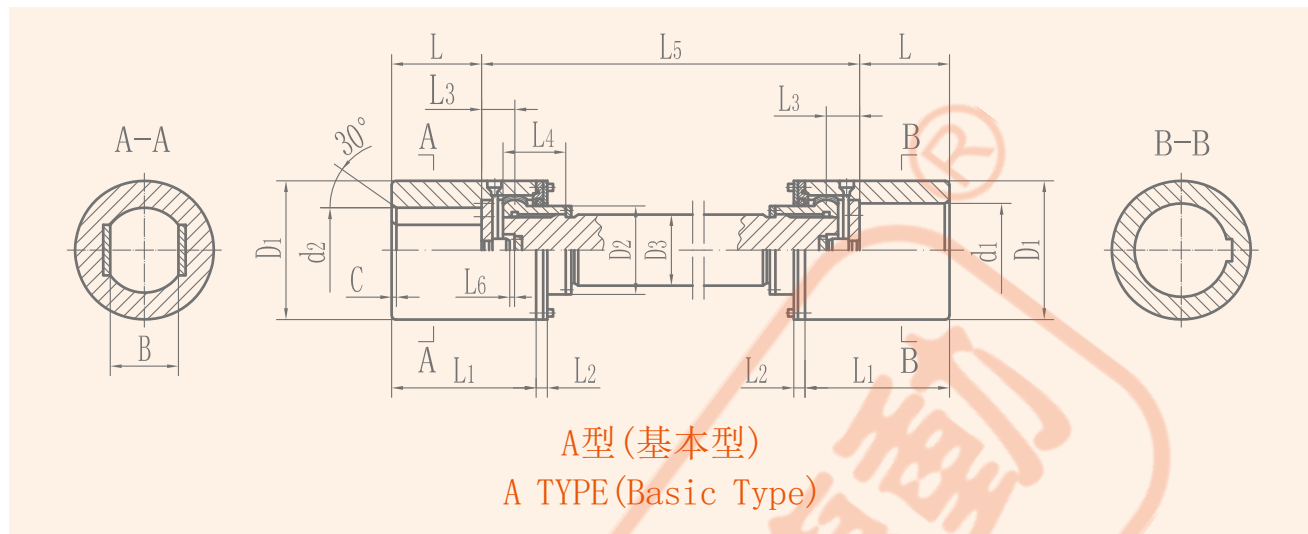
The weight and moment of inertia are approximate calculation value based on the maximum diameter of Y-axis hole and the minmum length of intermediate tube Hmin.

3.F为更换密封所需要的尺寸。

'F' is the required dimension when the sealing is exchanged.



◎ WGJ型 接中间轴鼓形齿式联轴器



◎ WGJ型 接中间轴鼓形齿式联轴器



基本参数和主要尺寸 The parameter and main dimension (GB/T26104-2010)

型号 Type	公称转矩 Nominal torque Tn (kN.m)	圆柱形轴孔尺寸 Dimension of cylindrical hole		扁孔形轴孔尺寸 Dimension of flat hole			D1	D2	D3	L1	L2	L3	L4	L5	L6	C max	质量 Weight kg		转动惯量 Moment of inertia kg.m <sup>2</sup>		润滑脂 容量 Grease volume mL
		d1、d2	L J型	d2 max	L max	B max											L5min	增长每米 的质量 Increasing per additional meter	L5min	增长每米 的转动惯量 Increasing per additional meter	
mm																					
WGJ1	6.3	60,63	107	80	132	60	130	85	70	170	30	35	90	500	3	8	46	30.2	0.05	0.018	150
		65,70																			
		71,75																			
WGJ2	11.2	70,71,75	107	100	167	75	160	110	90	200	30	40	110	500	3	10	76	49.9	0.28	0.05	250
		80,85																			
		90,95																			
WGJ3	18	80,85	132	110	167	85	180	120	100	210	32	46	120	600	3	11	105	61.65	0.43	0.07	350
		90,95																			
		100,110																			
WGJ4	25	80,85	132	125	167	95	200	140	110	220	32	50	140	600	3	12	140	74.6	0.73	0.158	450
		90,95																			
		100,110																			
WGJ5	31.5	90,95	132	140	202	105	230	160	130	260	38	54	160	600	5	14	200	104	1.43	0.22	650
		100,110																			
		120,125																			
WGJ6	50	100,110	167	160	242	120	260	180	140	322	38	82	180	800	5	16	280	121	2.56	0.296	900
		120,125																			
		130,140																			
WGJ7	63	110,120	167	190	282	140	280	200	160	376	38	85	200	800	5	19	380	158	4.26	0.501	1400
		130,140																			
		140,150																			
WGJ8	80	140,150	202	200	282	160	300	220	180	392	44	95	220	1000	5	20	480	200	6.02	0.81	1800
		160																			
		170,180																			
WGJ9	100	160	242	220	282	170	330	230	200	432	44	95	230	1000	5	22	550	247	7.95	1.24	2100
		170,180																			
		190,200																			
WGJ10	125	190,200	282	240	330	180	355	250	220	442	51	98	250	1000	5	24	720	298	12.7	1.8	2500
		220																			
		240																			
WGJ11	200	240	330	260	330	200	410	290	240	457	51	106	280	1200	5	26	1110	355	25.95	2.56	3000
		190,200																			
		220																			
WGJ12	315	240,250	330	300	380	220	460	320	260	518	57	112	300	1200	6	30	1480	417	43.43	3.52	4000
		260																			
		280,300																			
WGJ13	450	280,300	380	340	450	250	510	360	300	596	57	136	340	1400	6	34	2020	555	71.76	6.24	5200
		320																			
		340																			
WGJ14	560	340	450	360	450	280	560	400	320	628	64	145	380	1500	6	36	2600	631	114.4	8.1	6500
		300,320																			
		340,360																			
WGJ15	710	340,360	450	400	540	300	610	430	350	716	64	160	400	1500	6	40	3300	755	178	11.6	8000
		380																			
		400																			



基本参数和主要尺寸 The parameter and main dimension ( GB/T26104-2010)

型号 Type	公称转矩 Nominal torque Tn (kN.m)	圆柱形轴孔尺寸 Dimension of cylindrical hole			扁孔形轴孔尺寸 Dimension of flat hole			D1	D2	D3	L1	L2	L3	L4	L5	L6	C max	质量 Weight kg		转动惯量 Moment of inertia kg.m <sup>2</sup>		润滑脂 容量 Grease volume mL
		d1、d2	L J型	d2 max	L max	B max	L5min											增长每米 的质量 Increasing per additional meter	L5min	增长每米 的转动惯量 Increasing per additional meter		
																					mm	
WGJ16	900	360,380	540	420	650	320	660	460	380	842	64	172	440	1600	10	42	4300	890	272	16	10000	
		400,420	680																			942
WGJ17	1120	400,420	680	460	650	350	710	500	420	964	64	182	480	1800	10	46	5500	1090	392	24	12000	
		440,450																				460
WGJ18	1250	420,440	680	500	650	380	760	540	460	990	76	195	520	2000	10	50	6700	1310	553	35	15000	
		450,460																				
		480,500																				
WGJ19	1600	440,450	680	530	800	400	810	580	500	1005	76	215	540	2000	10	53	8350	1540	805	48	16500	
		460,480																				
		500																				
		530																				780
WGJ20	2000	450,460	680	560	800	420	860	600	530	1031	76	225	560	2000	10	56	9500	1730	1024	61	18500	
		480,500																				
		530,560																				780
WGJ21	2240	480,500	680	600	800	450	910	650	560	1056	76	236	600	2500	10	60	11500	1930	1334	75.66	21000	
		530,560																				
		600																				780
WGJ22	2800	530,560	780	630	800	480	965	680	600	1230	82	246	640	2500	13	63	12600	2220	1621	99.9	24000	
		600,630																				
WGJ23	3150	560,600	780	670	900	500	1000	710	630	1250	82	265	680	2500	13	67	17900	2450	2579	122	27000	
		630																				
		670																				880

- 注：** 1.产品以实际计算设计为准。  
The figure must subject to actual calculation and design.
- 2.联轴器轴孔型式：一般使用主动端为圆柱形，从动端为扁孔形，如需要两端均可圆柱形。  
The hole type for the coupling: Normally, the cylindrical hole is used in the drive side and the flat hole used in the driven side. Both sides can select cylindrical hole if necessary.
- 3.型号WGJ1-WGJ15如需Y型轴伸允许按GB/T3852选用。  
The shaft connection dimension can select according to the standard GB/T3852 if the Y type shaft need be used for the type WGJ1-WGJ15.
- 4.扁孔形轴孔时，d2和B的极限偏差为H9。  
The limit deviations of 'd2' and 'B' is H9 if the flat hole is used.
- 5.质量及转动惯量是按圆柱形轴孔最大直径且中间轴长度L5min计算的近似值。  
Weight and moment of inertia is according to the cylindrical shaft hole diameter and the length of the intermediate shaft L5min approximation calculation.

螺纹紧固件预紧力矩推荐值

Recommended value of preloaded torque of thread fasteners

N · m

螺纹规格d xp	8.8级	10.9级	12.9级
M6	6	8	10
M8X1	14	20	25
M10X1	45	65	80
M12X1.5	80	110	130
M14X1.5	130	180	220
M16X1.5	195	275	330
M18X1.5	280	400	480
M20X1.5	400	570	680
M22X1.5	520	735	880
M24x2	650	920	1100
M27x2	940	1340	1600
M30x2	1350	1900	2280
M33x2	1700	2440	2930
M36x2	2200	3150	3800

**注：** 螺栓的机械性能应符合GB/T3098.1的规定，螺母的机械性能应符合GB/T3098.4的规定。  
**Note:** the mechanical capacity of bolts should be accorded with GB/T3098.1 and the mechanical capacity of nuts should be accorded with GB/T3098.4.

## 乐清市三丰传动有限公司

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