

腾旋科技销售团队
TENGXUN TECHNOLOGY SALE TEAMS



腾旋科技已在北美、南美和亚洲建立了销售团队和代理商。我们始终按最高的质量标准进行产品的设计、加工和销售，并提供优质的售后服务。

Tengxuan Technology Company has established Sale teams and Agents in North America, South America, and Asia. We always emphasize the highest possible quality standards for the design, manufacture and sale of our products, and supply our services.



旋转接头
关节接头
金属软管
虹吸器
扰流器
机械密封
步进式移动喷淋执行机构

Rotary Joints
Swivel Joints
Hoses
Syphons
Turbulator Bars
Mechanical Seals
Shower Oscillator Systems



蒸汽冷凝水系统
涂辅料系统

Steam & Condensate Systems
Coating & Supplementary Materials Systems



江苏腾旋科技股份有限公司

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Txuan

冶金行业

CE/CI/CH/CX/BE/M/SGJ
/特殊型旋转接头

ROTARY JOINTS

Metallurgical Industry Products
CE/CI/CH/CX/BE/M/SGJ
/Special Hydraulic

立志成为亚洲旋转接头行业标杆



江苏腾旋科技股份有限公司
TENGXUAN TECHNOLOGY CO., LTD.



腾旋科技（股票代码430602）是研制、开发和生产旋转接头及其相关产品的高新技术企业。公司长期致力于动密封与磨擦技术的研究，在旋转接头领域处于国内领先地位。旋转接头研发中心已为腾旋公司赢得了312项专利。

公司拥有加工中心、数控车床及其它专业设备160余台套。严格按照ISO9001质量规范组织生产、销售、服务等业务。产品已在造纸、钢铁、瓦楞、纺织、印染、橡塑、化工、工程机械和机床等行业得到广泛应用。

我们不仅提供优质的产品，更提供无时不在的精诚服务；我们不仅提供技术支持，更提供行业的整体解决方案。

Tengxuan Technology Company(stock code:430602) specializes in research, development and the manufacturing of rotary joints and related products. Tengxuan is also the leading sealing technology and steam syphon expert in China, accumulating 312 technical patents over the years.

Tengxuan has a large machine shop facility, with over 160 state-of-the-art machines. Our products are manufactured to ISO9001 quality management standards. We have our own sales and service staff, assisting customers around the world. Tengxuan products are widely used in industries such as paper, steel, corrugating, textiles, non-wovens, rubber, plastics, chemical,machine tool, construction machinery and food processing.

Along with our high quality products, we offer our customers the highest level of aftermarket sales and service.

适用行业

Industries

- 造纸及纸制品行业 • Paper and Paper Converting
- 冶金行业 • metallurgy
- 瓦楞行业 • Corrugating
- 机床行业 • Machine Tool
- 印刷行业 • Printing
- 塑料行业 • Plastics
- 食品加工行业 • Food Processing
- 纺织行业 • Textiles
- 无纺布行业 • Non-wovens
- 化工行业 • Chemical
- 橡胶行业 • Rubber
- 工程机械行业 • Construction Machinery

精心设计、精工制造
国际品质、国内价格
完善的技术支持
快捷的售后服务
提供维护保养培训
提供低成本配件及维修服务
提供现场指导安装、调试服务

Design and manufacturing capabilities
In-house and field technical support
Maintenance training
Installation guidance and trouble shooting

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快速选型表

Quick Selection Chart

类型 Type	适用介质 Media					最高压力 Pressure (Max.)		最高温度 Temperature (Max.)		转速 Speed (RPM)
	蒸汽 Steam	气体 Air	水 Water	液压油 Hydraulic Oil	水乙二醇 Ethylene Glycol	MPa	Bar	°C	°F	
CE			●			1.1	11	120	248	100
CI			●			1.1	11	120	248	100
CH			●			1.1	11	120	248	100
CX			●			1.1	11	110	230	60
BE		●	●	●		1.2	12	120	248	2500
MR		●		●		25	250	120	158	250
MC		●	●	●		25	250	120	158	10
ML		●		●		25	250	120	158	3000
SGJ-Q	●	●	●			4	40	280	536	
特殊型旋转接头	●	●	●	●	●	1~30				

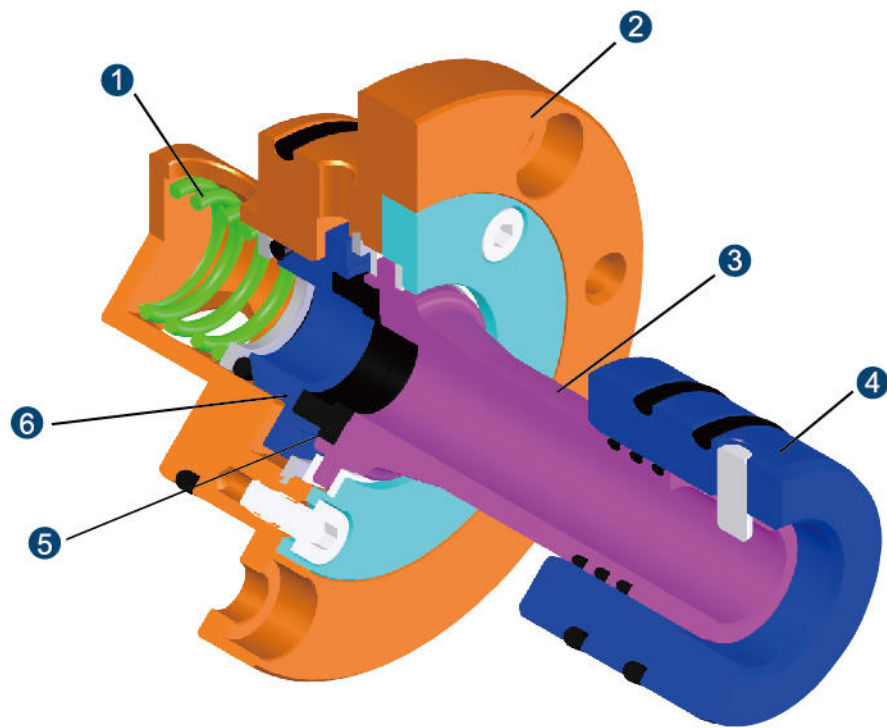
1. 请咨询腾旋科技具体细节。
Consult Tengxuan Technology for specific details.
2. 对于特定的应用参数，见目录页。
需要更高的速度和压力时，请咨询腾旋科技。
For specific application parameters, see catalog page.
Consult Tengxuan Technology for applications requiring increased speeds and pressures.
3. 不要在压力，温度和车速同时最高的情况下使用旋转接头。
Do not operate rotary joints at maximum pressure, temperature and speed simultaneously.

CE 型旋转接头

CE Rotary Joints

Txuan

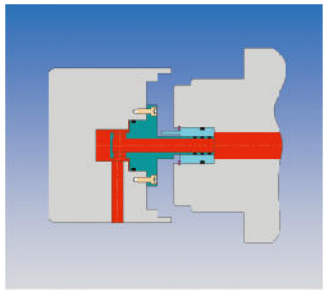
www.tengxuan.net



- 1 不锈钢弹簧 Stainless Steel Spring
- 2 不锈钢壳体 Stainless Steel Body
- 3 不锈钢外管 Stainless Steel Nipple
- 4 过渡套 Journal Adapter
- 5 密封组 Tungsten Carbide/Silicon Carbide Seal
- 6 静环座 Stationary Seat

机械密封设计
内置式设计
无需金属软管
平面碳化钨密封技术
水流阻力小，冷却效率高
长寿命，高可靠性
免维护设计

Mechanical seal design
Bearing cover inserted design
Flex hoses are eliminated
Plane Sealing (Tungsten Carbide) Technology
No flow restrictions for improved roll cooling
Interchangeable with competitive products
No maintenance required

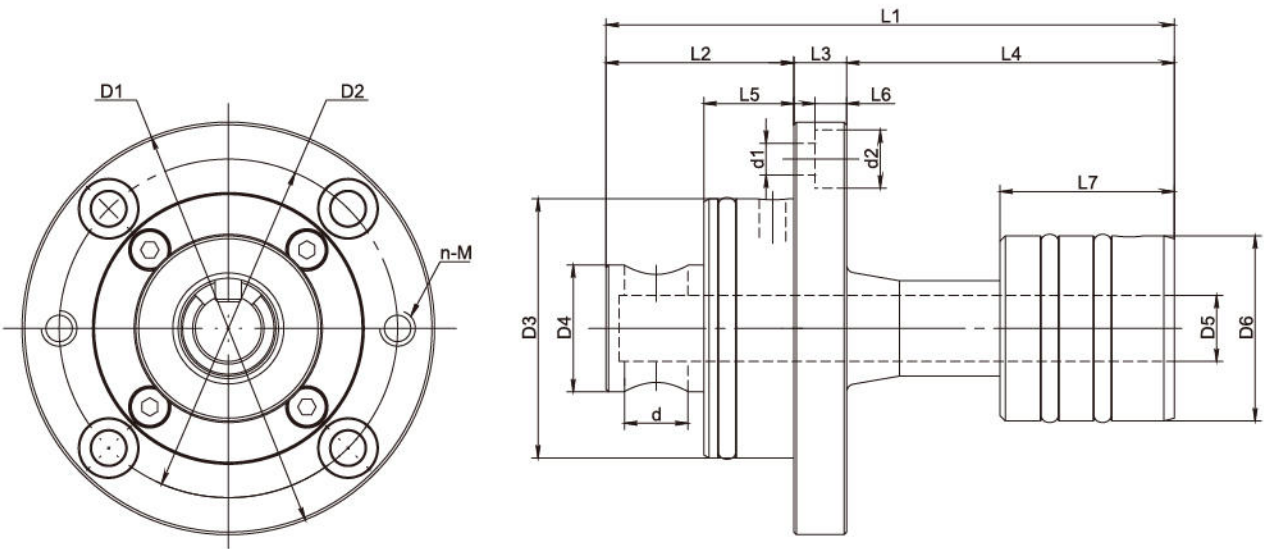


技术参数 Operating Data

最高转速 Max.Speed 110 RPM
最高温度 Max.Temperature 120°C
最高压力 Max.Pressure 1.1MPa
适用介质 Media 水 Water



CE 型旋转接头 Rotary Joints Mounting Dimensions 安装尺寸图



CEM

Model	D1	D2	D3	D4	D5	D6	L1	L2	L3	L4	L5	L6	L7	d	d1	d2	n-M
CEM015 1/2"	78	64	49(e8)	24	12.5	35(h6)	107.5(0/-8)	35.5	10	62(0/-8)	17	6	33	12	4-Φ6.5	11	2-M6
CEM020 3/4"	100	80	59(h9)	32	16.7	45(h7)	126±5	45	12	69±5	20	6	40	16	4-Φ7.0	11	2-M6

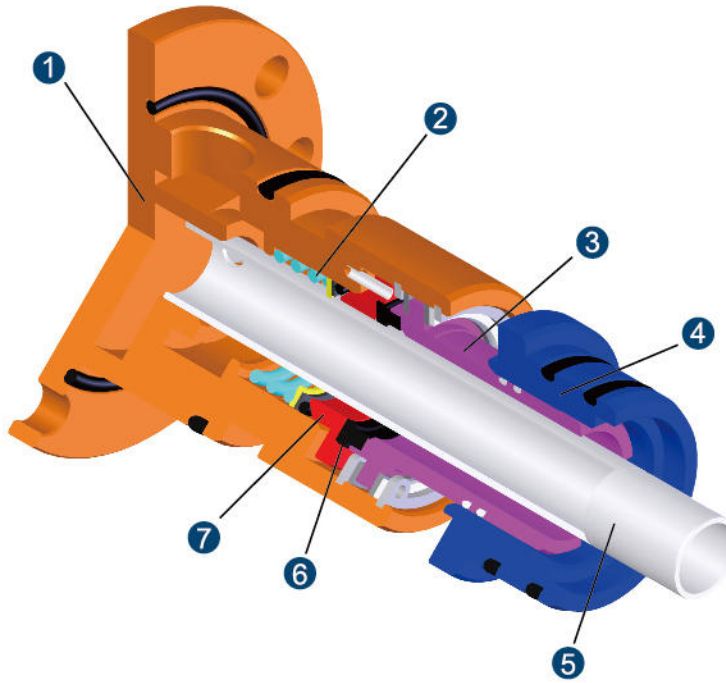
注意：随着介质、口径、压力、转速、温度的不同，使用极限也不同，在特殊条件下，请与腾旋科技联系，以确定安全极限。
Note: Maximum limits vary in relation to changes in media,size,rpm,pressure and temperature. Consult Tengxuan for safe limitations under your specific application conditions.

CI 型旋转接头

CI Rotary Joints

Txuan

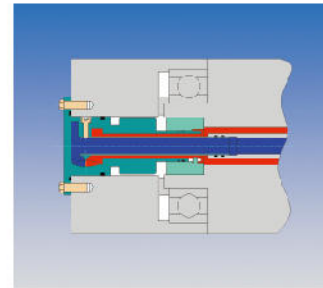
www.tengxuan.net



- 1 铜壳体 Brass Body
- 2 不锈钢弹簧 Stainless Steel Spring
- 3 不锈钢外管 Stainless Steel Nipple
- 4 过渡套 Journal Adapter
- 5 内管 Water Supply Pipe
- 6 密封组 Tungsten Carbide/Silicon Carbide Seal
- 7 静环座 Stationary Seat

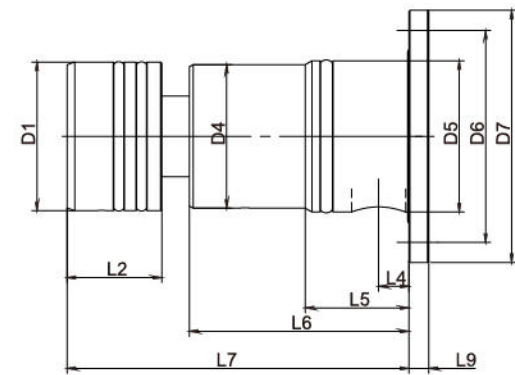
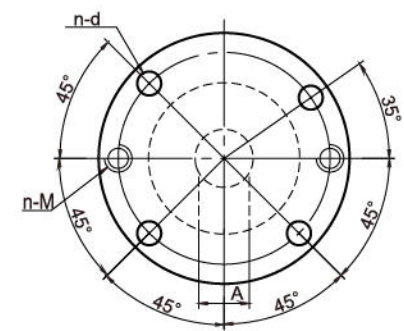
机械密封设计
单通和双通设计
内置式设计
无需金属软管
平面碳化钨密封技术
水流阻力小，冷却效率高
长寿命，高可靠性
免维护设计

Mechanical seal design
Mono and Duo Flow Designs
Flex hoses are eliminated
Plane Sealing (Tungsten Carbide) Technology
Journal and bearing seal protected
Mounts to outside of bearing cover
Long life and good stability
No maintenance required



技术参数
Operating Data

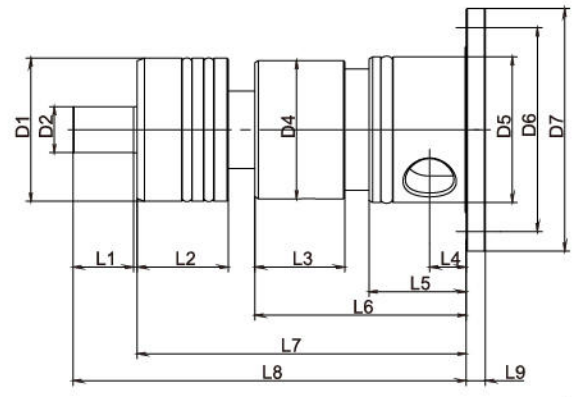
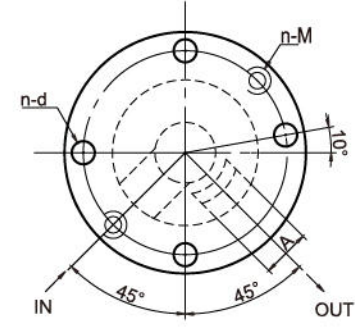
最高转速 Max.Speed 110 RPM
最高温度 Max.Temperature 120°C
最高压力 Max.Pressure 1.1MPa
适用介质 Media 水 Water



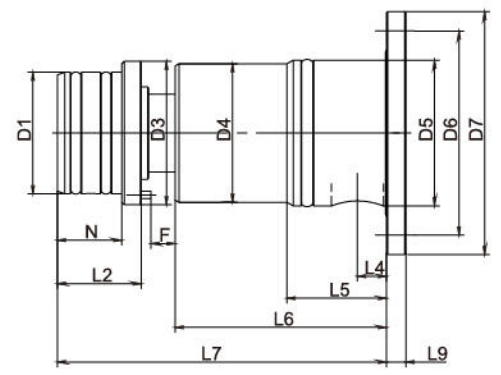
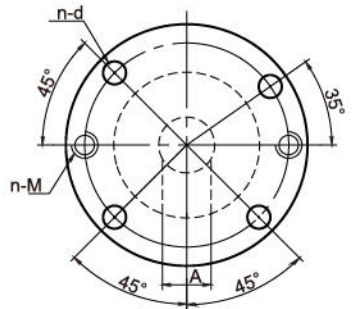
CIM601



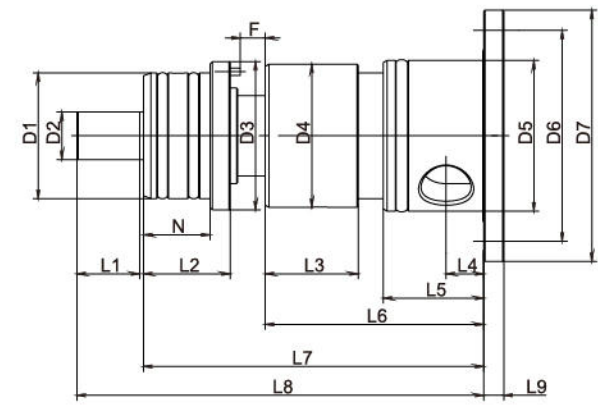
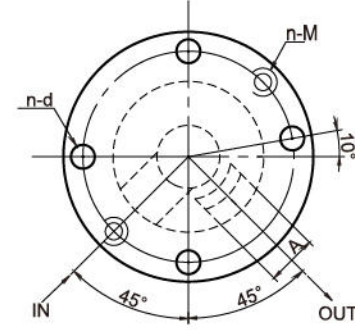
CI 型旋转接头 Rotary Joints Mounting Dimensions 安装尺寸图



CID601



CIM402
CIM602



CID602

Model	D1(h6)	D2(h9)	D3	D4	D5(e8)	D6	D7	L1	L2	L3	L4	L5	L6	L7(0/-10)	L8	L9	A	n-d	n-M	N
CIM402	27	/	35	39	40	62	74	/	34	/	9	24	56	103	/	8	15	4-Φ7	2-M6	25.5
CIM601	59	/	/	57	60	84	100	/	37.5	/	12	41	87	135.5	/	8	20	4-Φ9	2-M8	/
CID601	59	19	/	57	60	84	100	25	37.5	37	15	40	87	135.5	162	8	20	4-Φ9	2-M8	/
CIM602	50	/	59	57	60	84	100	/	34.5	/	12	41	87	135.5	/	8	20	4-Φ9	2-M8	26.5
CID602	50	19	59	57	60	84	100	25	34.5	37	15	40	87	135.5	162	8	20	4-Φ9	2-M8	25.5

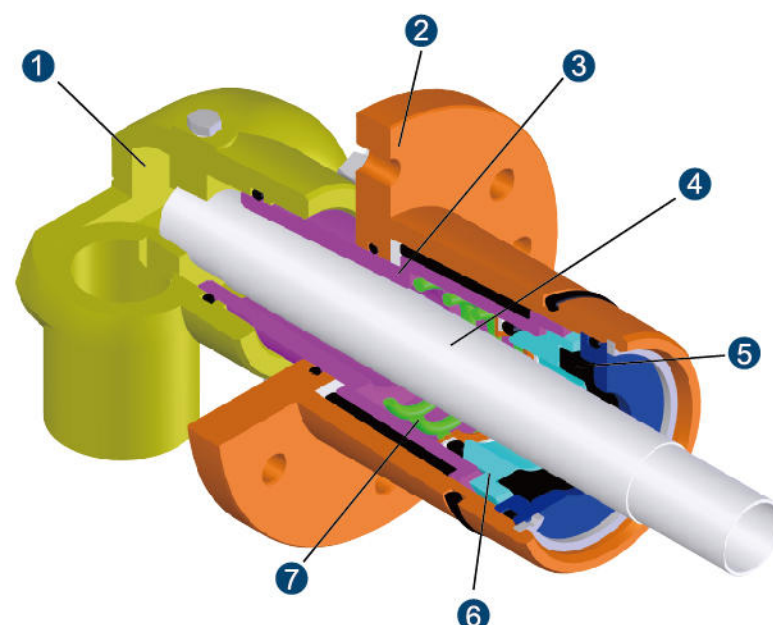
注意：随着介质、口径、压力、转速、温度的不同，使用极限也不同，在特殊条件下，请与腾旋科技联系，以确定安全极限。
Note: Maximum limits vary in relation to changes in media, size, rpm, pressure and temperature. Consult Tengxuan for safe limitations under your specific application conditions.

CH 型旋转接头

CH Rotary Joints

Txuan

www.tengxuan.net



- ① 双通弯头 Duo-flow Elbow
- ② 铜壳体 Brass Body
- ③ 不锈钢外管 Stainless Steel Nipple
- ④ 内管 Water Supply Pipe
- ⑤ 密封组 Tungsten Carbide/Silicon Carbide Seal
- ⑥ 静环座 Stationary Seat
- ⑦ 弹簧 Coil Spring

平衡式机械密封设计
平面碳化钨密封技术
适应恶劣环境
单通和双通设计
内置式设计
免维护设计, 无需润滑

Balanced Mechanical Seal Design
Plane Sealing (Tungsten Carbide) Technology
Seal Face Options for Contaminated Water
Mono and Duo Flow Designs
Journal Inserted Mounting
Field Repairable
Can be mounted with Retaining Plate or Flanged Body

技术参数 Operating Data

最高转速 Max.Speed 120 RPM
最高温度 Max.Temperature 120°C
最高压力 Max.Pressure 1.1MPa
适用介质 Media 水 Water

单通

Mono flow

Model	I (BSPT)	D1	D2	D3	D4	n-D6	L1	L2	L4	H
CHM020E 3/4"	3/4"	46	-	60	20	-	48.5	6.5	58.5	45
CHM020F 3/4"	3/4"	46	72	90	20	6- Ø7	48.5	6.5	58.5	45
CHM025E 1"	1"	59	-	72	25	-	61.5	10	70	50
CHM025F 1"	1"	59	83	108	25	6- Ø7	61.5	10	70	50
CHM040E 1-1/2"	1-1/2"	71	-	86	38	-	65	10	75	50
CHM040F 1-1/2"	1-1/2"	71	98	125	38	6- Ø7	70	10	70	50

双通

Dual flow

Model		I (BSPT)	O (BSPT)	D1	D2	D3	D4	n-D6	D7	L1	L2	L3	L4	L5	L6	H
CHD020E	3/4"	3/4"	3/4"	46	-	60	20	-	13	48.5	6.5	30	58.5	31.5	50	41
CHD020F	3/4"	3/4"	3/4"	46	72	90	20	6-Ø7	13	48.5	6.5	30	58.5	31.5	50	41
CHD025E	1"	3/4"	3/4"	59	-	72	25	-	19	59	10	30	70	45	50	41
CHD025F	1"	3/4"	3/4"	59	83	108	25	6-Ø7	19	59	10	30	70	45	50	41
CHD040E	1-1/2"	1"	1"	71	-	86	38	-	29	69	5	30	75	60	64	43
CHD040F	1-1/2"	1"	1"	71	98	125	38	6-Ø7	29	74	10	30	70	60	64	43

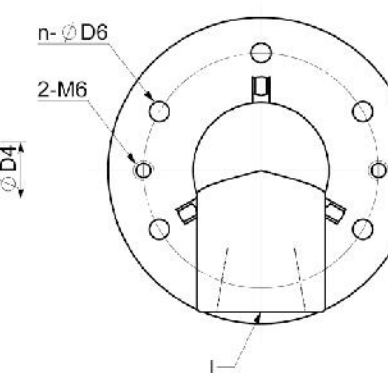
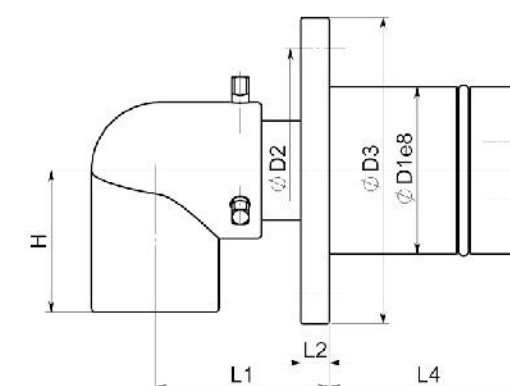
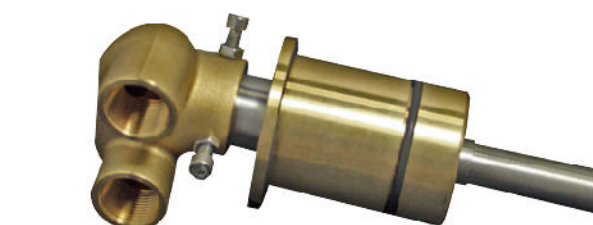
注意: 随着介质、口径、压力、转速、温度的不同, 使用极限也不同, 在特殊条件下, 请与腾旋科技联系, 以确定安全极限。

Note: Maximum limits vary in relation to changes in media, size, rpm, pressure and temperature. Consult Tengxuan for safe limitations under your specific application conditions.

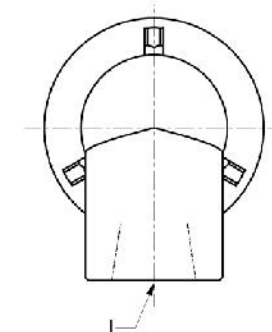
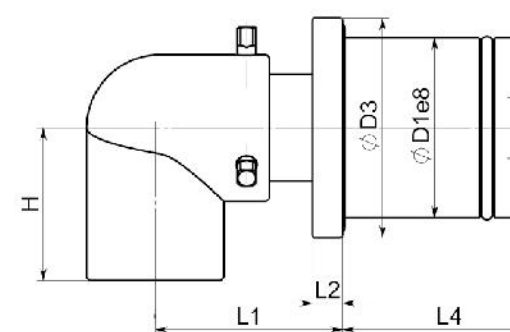
CH 型旋转接头 Rotary Joints

Mounting Dimensions

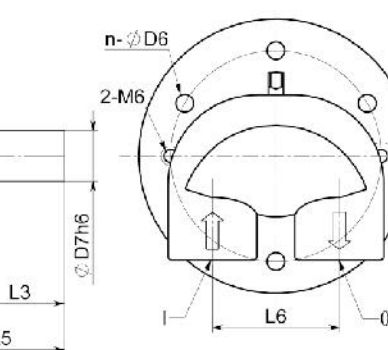
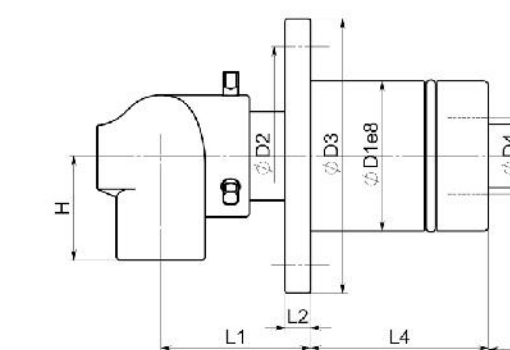
安装尺寸图



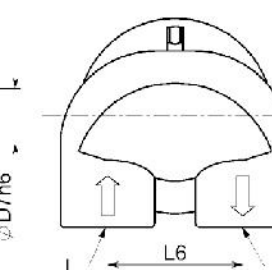
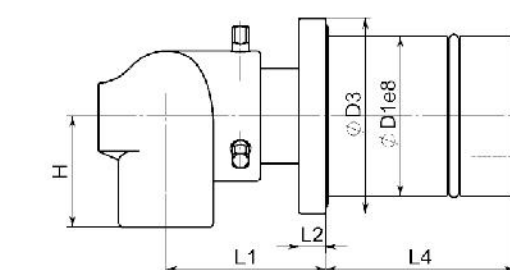
CHMF



CHME



CHDF



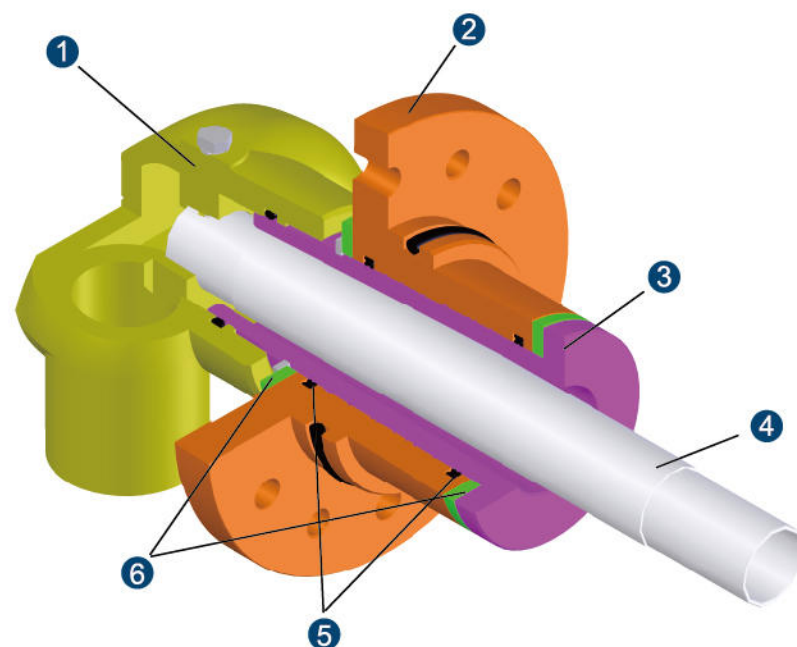
CHDE

CX 型旋转接头

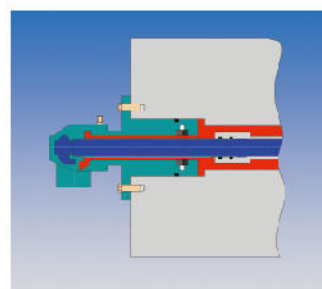
CX Rotary Joints

Txuan

www.tengxuan.net



- ① 弯头 Duo-flow Elbow
- ② 壳体 Brass Body
- ③ 外管 Stainless Steel Nipple
- ④ 内管 Water Supply Pipe
- ⑤ X型密封环 X-Ring
- ⑥ 止推垫圈 Thrust Washer



技术参数 Operating Data

最高转速 Max.Speed 60 RPM
最高温度 Max.Temperature 110°C
最高压力 Max.Pressure 1.1MPa
适用介质 Media 水 Water

双X型密封环, 适应较差水质环境
结构简单、活动件少、水阻力小
免维护设计

高抗震性

Two x-ring seals
Simple design offers no flow restrictions
Field Repairable
Shock and vibration resistant
Interchangeable to competitive products
BSPT & NPT types available

单通

Mono flow

Model	I (BSPT)	D1	D2	D3	D4	D5	n-D6	L1	L2	L4	H
CXM020E 3/4"	3/4"	46	-	60	20	41	-	56.5	6.5	35	45
CXM020F 3/4"	3/4"	46	72	90	20	-	6-Ø7	47.5	6.5	35	45
CXM025E 1"	1"	59	-	72	25	51	-	61.5	9	50	50
CXM025F 1"	1"	59	83	108	25	-	6-Ø7	55.5	10	50	50
CXM040E 1-1/2"	1-1/2"	71	-	90	40	68	-	69	8	80	50
CXM040F 1-1/2"	1-1/2"	71	98	125	40	-	6-Ø7	64	10	80	50

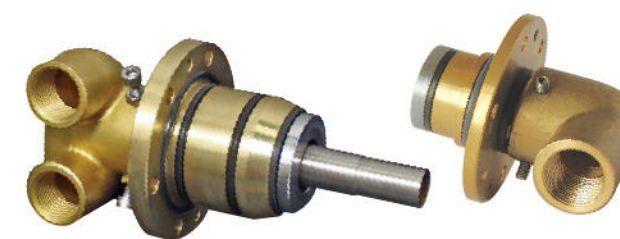
双通

Dual flow

Model	I (BSPT)	O (BSPT)	D1	D2	D3	D4	D5	n-D6	D7	L1	L2	L3	L4	L5	L6	H
CXD020E 3/4"	3/4"	3/4"	46	-	60	20	41	-	13	56.5	6.5	30	35	50	50	41
CXD020F 3/4"	3/4"	3/4"	46	72	90	20	-	6-Ø7	13	47.5	6.5	30	35	50	50	41
CXD025E 1"	3/4"	3/4"	59	-	72	25	51	-	19	59	9	30	50	65	50	41
CXD025F 1"	3/4"	3/4"	59	83	108	25	-	6-Ø7	19	53	10	30	50	65	50	41
CXD040E 1-1/2"	1"	1"	71	-	90	40	68	-	28.7	72	8	30	80	70	64	43
CXD040F 1-1/2"	1"	1"	71	98	125	40	-	6-Ø7	28.7	67	10	30	80	70	64	43

注意: 随着介质、口径、压力、转速、温度的不同, 使用极限也不同, 在特殊条件下, 请与腾旋科技联系, 以确定安全极限。

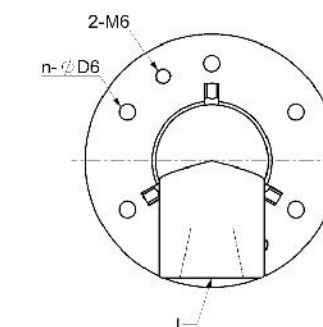
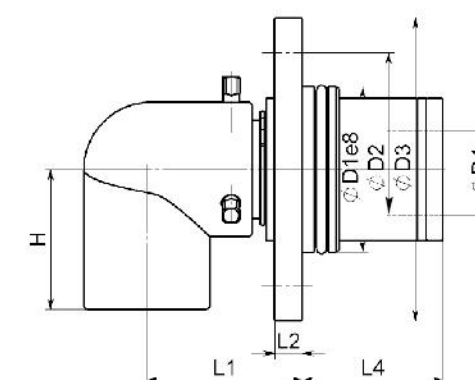
Note: Maximum limits vary in relation to changes in media, size, rpm, pressure and temperature. Consult Tengxuan for safe limitations under your specific application conditions.



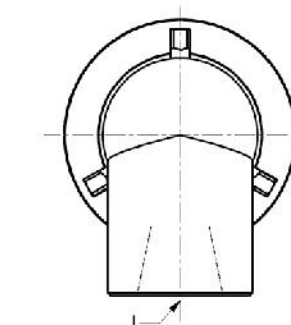
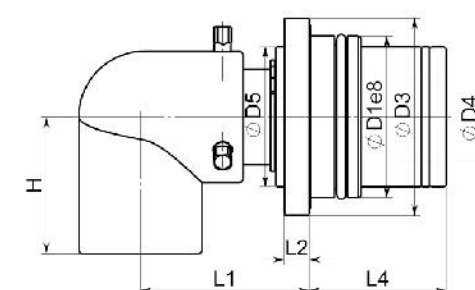
CX 型旋转接头 Rotary Joints

Mounting Dimensions

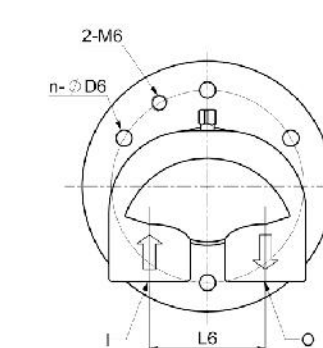
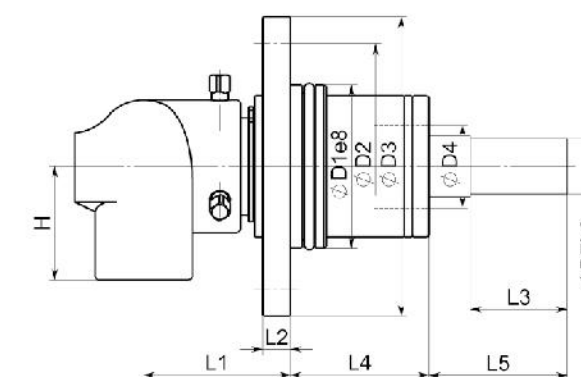
安装尺寸图



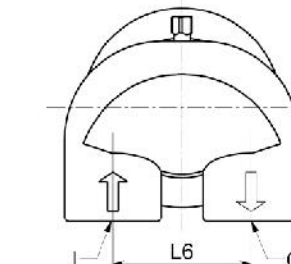
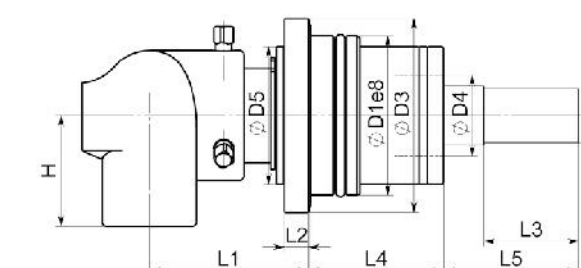
CXMF



CXME



CXDF



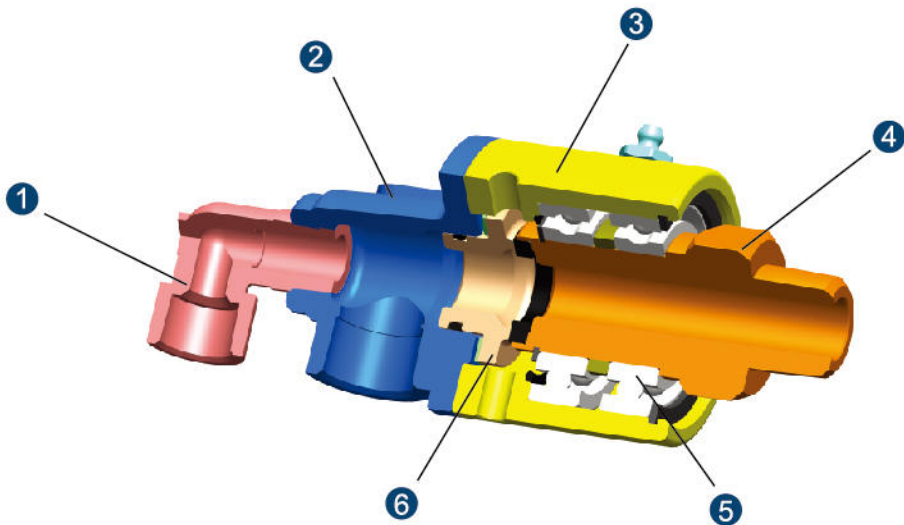
CXDE

BE 型旋转接头

BE Rotary Joints

Txuan

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- 1 弯头 Elbow
- 2 尾盖 Head
- 3 壳体 Body
- 4 外管 Nipple
- 5 轴承 Guide
- 6 弹簧 Spring

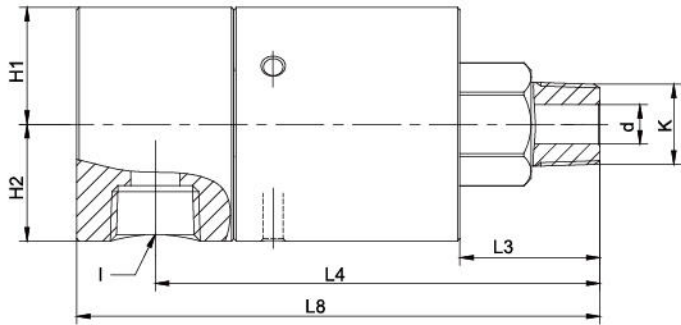
最大水压力: (Max. Water Pressure)	通径(Model) 6 - 40 通径(Model) 50	76 Bar 15 Bar
最大导热油压力: (Max. Hot Oil Pressure)		7 Bar
最高温度: * (Max. Temperature)		120 °C
*超过 120°C 请联系腾旋 (> 120 °C consult TENGXUAN)		
最高转速: (Max. Speed Rotors with)	通径(Model) 6 - 20 通径(Model) 25 - 40 通径(Model) 50 通径(Model) 65 - 80	BE 3000 RPM BE 2500 RPM BE 1000 RPM BE 500 RPM
常用介质(Media):	水 Water, 导热油 Hot oil, 空气 Air	
常规口径(Sizes):	1/8" — 3"	

常用密封组合:	
C+SIC	适用于清水
C+合金	适用于导热油, 蒸汽, 热水
TC+SIC	适用于恶劣水质及震动工况 (其它介质工况请咨询腾旋公司)
Seal Combinations - Standard	
Carbon Graphite/Ceramic for water	
Optional:	
Carbon Graphite/Special Metal for hot oil, hot water and saturated Steam	
Multi-purpose applications	
Seal Combination -For severe conditions	
Tungsten Carbide/Ceramic (max. temperature 90°C)	

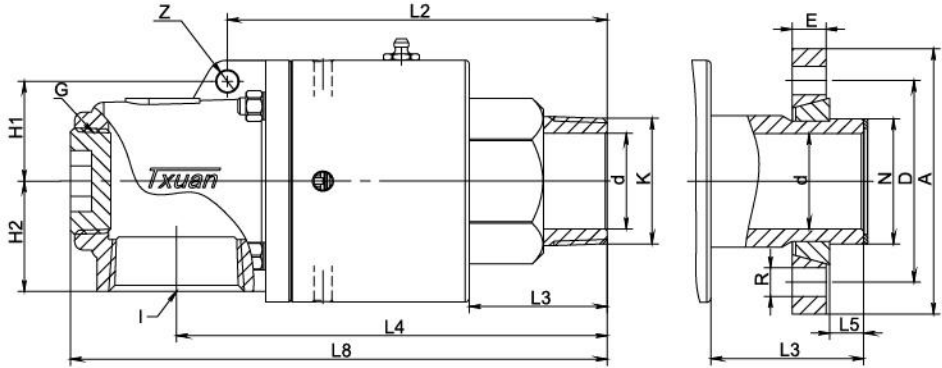
多弹簧平面密封技术
平衡式密封设计
高精度金属轴承
整体抗震式设计
多种密封组合适应不同工况
通用性好、便于互换
长寿命、高可靠性
免维护设计

Springs located outside of flow path
Optimized balanced seal assembly
Precision ball bearing design
Suitable for severe conditions
Ceramic and carbon graphite seal faces
General purpose applications
Long life and good stability
No maintenance required

Mounting Dimensions

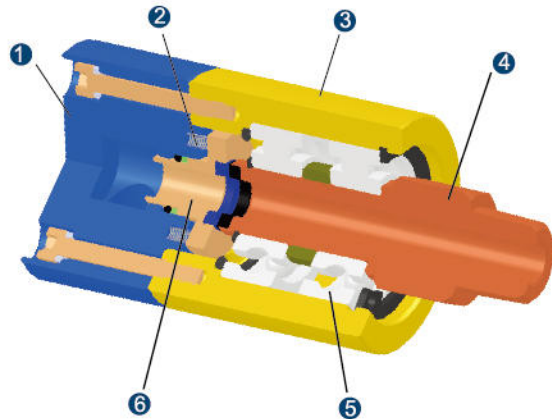


Model	K(BSPT)	I(BSPT)	Φd	H2	L3	L4	L8
BEM006	1/8 "	R 1/8 "	Rc 1/8 "	4	23	29	88
BEM008	1/4 "	R 1/4 "	Rc 1/4 "	6	23	29	88
BEM010	3/8 "	R 3/8 "	Rc 3/8 "	10	23	29	88



Model	K(BSPT)	I(BSPT)	ΦZ	Φd	H	H1	H2	L2	L3	L4	L8	G(BSPT)
BEM015 1/2"	R 1/2 "	Rc 1/2 "	/	13	15	/	28	/	35	108	162	R c 3/8"
BEM020 3/4"	R 3/4 "	Rc 3/4 "	/	16	15	/	30	/	40	125	185	R c 1/2"
BEM025 1"	R 1"	Rc 1"	/	23	18	/	35	/	44	132	198	R c 3/4"
BEM032 1-1/4"	R 1-1/4"	Rc 1-1/4"	/	30	22	/	39	/	54	161	251	R c 1"
BEM040 1-1/2"	R 1-1/2"	Rc 1-1/2"	/	36	25	/	38	/	58	172	266	R c 1-1/4"
BEM050 2"	R 2"	Rc 2"	10	45	28	47	45	179	65	203	253	R c 1-1/2"
BEM065 2-1/2"	R 2-1/2"	Rc 2-1/2"	14	60	32	60	72	215	/	346	387	/
BEM080 3"	R 3"	Rc 3"	14	75	32	75	78	280	107	425	454	/

BES010/BHS010



- 1 尾盖 Head
- 2 弹簧 Spring
- 3 壳体 Body
- 4 外管 Nipple
- 5 轴承 Guide
- 6 静环 Carbide Floating Seal

注意: 随着介质、口径、压力、转速、温度的不同, 使用极限也不同, 在特殊条件下, 请与腾旋科技联系, 以确定安全极限。
Note: Maximum limits vary in relation to changes in media, size, rpm, pressure and temperature. Consult Tengxuan for safe limitations under your specific application conditions.

BE 型旋转接头

BE Rotary Joints

M型旋转接头

M Rotary Joints

Txuan

www.tengxuan.net

M系列低速高压多通路旋转接头 M Series Multi-Passage Rotary Joint for High-Pressure and Low-Speed Application

MR和MC系列旋转接头是专门应用于低速高压多种介质、多通路设备的旋转接头，ML系列旋转接头适用于中、高速高压多通路设备，M系列旋转接头主要应用于加工中心回转台、液压工作站、卷取机、转炉、大包回转台、液压机械、风力发电设备等。

MR and MC multi-passage rotary joints are specially designed for high-pressure and low-speed application. ML multi-passage rotary joints are specially designed for mid & high speed and high-pressure application. M Series rotary joints are mainly used in CNC turret, hydraulic workstation, coiler, convertor, rotary table, hydraulic machinery, wind power generation equipments and etc.



MR和MC系列旋转接头产品特点 Characteristics of MR and MC multi-passage rotary joints

1.两只宽大精密轴承支撑，运转平稳，轴承终生无需维护；最高工作转速与工作压力成反比且与密封介质粘度、密封件散热有关；转速10RPM以下时，最高工作压力可达30MPa；

Two internal high-precision and maintainance-free support bearings for stable operation,The max rotation speed is inversely proportional to the working pressure, and is in great relation to the media viscosity and the heat radiation of the sealing parts. When rotation speed is under 10rpm, the max working pressure can reach 30Mpa;

2.采用进口专用密封件，保证了产品的使用寿命；

Imported and customized sealing parts for higher service life;

3.不锈钢轴经过特殊处理保证了稳定性；

Stainless steel shaft by special treatment for higher stability;

4.壳体材质可根据不同工况选择由铝合金、不锈钢或黄铜制作；

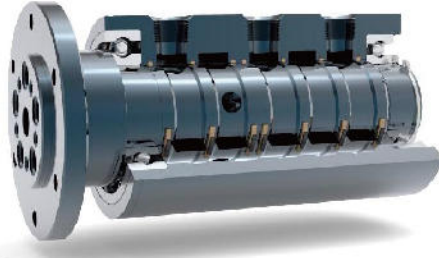
Housing material options: aluminium alloy, stainless steel or brass;

5.排泄孔回流设计，防止泄露至外部；

Drainage hole reflux design for prevention from exterior pollution;

6.可以根据客户工况、联接要求定制特殊产品；

Available customized products for special operation condition and connecting requirements;



MR和MC系列旋转接头使用注意事项 Installation & Usage attentions of MR and MC multi-passage rotary joints:

1.所标技术参数为最大值，并不能同时使用；

Rotary joint is designed for continuous operation at either maximum speed or maximum pressure. Operating conditions close to maximum pressure and speed simultaneously should be avoided;

2.内部通道可能相互渗漏，注意不同流体的相容性，防止交叉污染；

Reciprocal leakage may occur between passage. Please pay attention to the compatability of different working media to avoid cross-contamination;

3.工作流体、压力介质均应过滤后使用，过滤精度不低于10μm；

The working fluid or media should be used after filtration. And the filtration precision should be no less than 10μm;

4.提供泄露孔，在正常工作状态下收集泄露油；

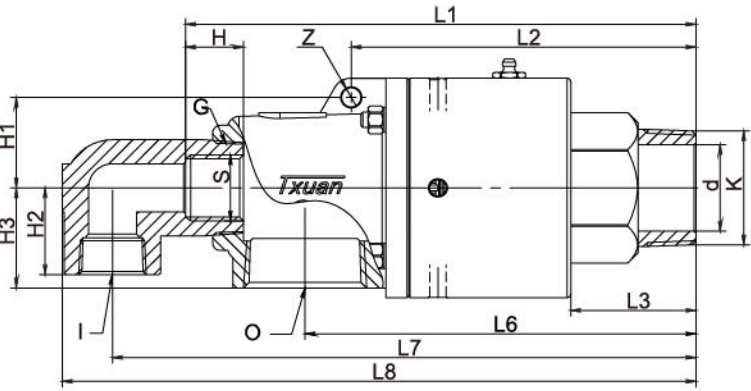
Drainage hole should be provided for the collection of leaking oil to ensure the successful performance of the rotary joint;

5.使用超过25Mpa压力时需咨询腾旋技术部；

For max pressure above 25Mpa, please consult Tengxuan;

6.由于转动扭矩相对较大，请注意止转装置的设置。

For relatively larger working torque, please pay attention to the suitable anti-rotation structure.

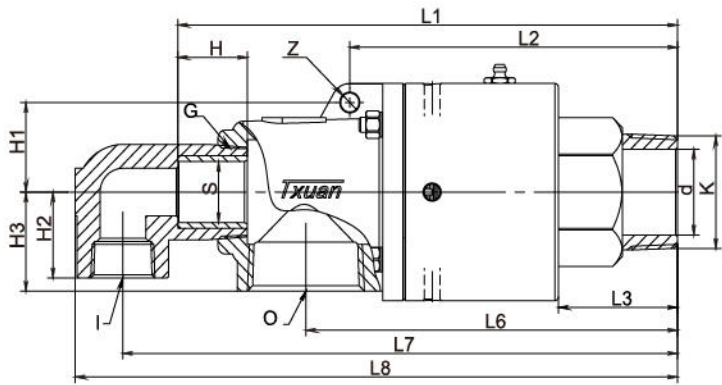


BES/BHS
型旋转接头

双通
固定式内管

DUAL FLOW
STATIONARY INTERNAL PIPE

Model		K(BSPT)	O(BSPT)	I(BSPT)	ΦZ	Φd	H	H1	H2	H3	L1	L2	L3	L6	L7	L8	S(BSP)	G(BSPT)
BES015	1/2"	R 1/2 "	Rc 1/2"	Rc 1/2"	/	13	15	/	28	28	134	/	35	108	149	162	G1/8"	Rc 3/8"
BES020	3/4"	R 3/4 "	Rc 3/4"	Rc 1/2"	/	16	15	/	30	32	155	/	40	125	174	185	G1/4"	Rc 1/2"
BES025	1"	R 1 "	Rc 3/4"	Rc 1/2"	/	23	18	/	35	35	168	/	44	132	184	198	G3/8"	Rc 3/4"
BES032	1-1/4"	R 1-1/4 "	Rc 1-1/4 "	Rc 3/4"	/	30	22	/	39	43	205	/	54	161	233	251	G1/2"	Rc 1"
BES040	1-1/2"	R 1-1/2 "	Rc 1-1/2"	Rc 3/4"	/	36	25	/	38	47	220	/	58	172	247	266	G3/4"	Rc 1-1/4"
BES050	2"	R 2 "	Rc 1-1/2"	Rc 1"	10	45	28	47	45	52	263	179	65	203	303	329	G1"	Rc 1-1/2"
BES065	2-1/2"	R 2-1/2 "	Rc 2"	Rc 1-1/4"	14	60	32	60	72	72	312	215	/	230	329	366	G1-1/4"	/
BES080	3"	R 3 "	Rc 2"	Rc 2"	14	75	32	75	72	72	373	280	/	295	410	454	G1-1/2"	/



BER/BHR
型旋转接头

双通
旋转式内管

DUAL FLOW
ROTARY INTERNAL PIPE

Model		K(BSPT)	O(BSPT)	I(BSPT)	ΦZ	Φd	H	H1	H2	H3	L1	L2	L3	L6	L7	L8	ΦS	G(BSPT)
BER015	1/2"	R 1/2"	Rc 1/2"	Rc 1/2"	/	13	15	/	28	28	134	/	35	108	149	162	10	R c 3/8"
BER020	3/4"	R 3/4"	Rc 3/4"	Rc 1/2"	/	16	15	/	30	32	155	/	40	125	174	185	12	R c 1/2"
BER025	1"	R 1"	Rc 3/4"	Rc 1/2"	/	23	18	/	35	35	168	/	44	132	184	198	16	R c 3/4"
BER032	1-1/4"	R 1-1/4"	Rc 1-1/4"	Rc 3/4"	/	30	22	/	39	43	205	/	54	161	233	251	20	R c 1"
BER040	1-1/2"	R 1-1/2"	Rc 1-1/2"	Rc 3/4"	/	36	25	/	38	47	220	/	58	172	247	266	25	R c 1-1/4"
BER050	2"	R 2"	Rc 1-1/2"	Rc 1"	10	45	28	47	45	52	263	179	65	203	303	329	32	R c 1-1/2"
BER065	2-1/2"	R 2-1/2"	Rc 2"	Rc 1-1/4"	14	60	32	60	72	72	304	215	/	230	329	366	40	/
BER080	3"	R 3"	Rc 2"	Rc 2"	14	75	32	75	72	72	373	280	/	295	410	454	56	/

注意：随着介质、口径、压力、转速、温度的不同，使用极限也不同，在特殊条件下，请与腾旋科技公司联系，以确定安全极限。
Note: Maximum limits vary in relation to changes in media,size,pressure and temperature. Consult Tengxuan for safe limitations under your specific application conditions.

M 型旋转接头

M Rotary Joints

ML系列高速高压多通路旋转接头产品特点 Characteristics of ML multi-passage rotary Joint for high-speed and high-pressure application;

- 1.两只宽大高精度金属轴承支撑,运转平稳,轴承终生无需维护;
Two internal high-precision and maintenance-free metal support bearings are used for more stable operation;
- 2.腾旋专用高速高压密封结构,无密封圈接触磨损,确保产品长期无故障运转;
The special Txuan non-contacting sealing structure ensures the rotary joint to operate without trouble for a long time;
- 3.高压高速密封结构具有较低的转动扭矩;
Relatively low working torque is needed for the advanced sealing structure;
- 4.高压高速密封结构采用特殊间隙密封结构,高速运转时无摩擦热产生;
The special sealing design (labyrinth sealing design) makes the rotary joint be free from friction heat during rotation under high speed;
- 5.可拆卸衬套结构设计,降低45%维修成本;
Removable bushing design can reduce 45% maintenance cost;
- 6.转动扭矩不受工作压力和温度的影响;
Working torque is not affected by working pressure and temperature changes;
- 7.排泄孔回流设计,防止泄漏至外部影响环境;
Drainage hole reflux deisgn is used to prevent from exterior pollution;
- 8.壳体材质可根据不同工况选择由铝合金、不锈钢或黄铜制作;
Aluminum alloy, stainless steel or brass can be used for the housing mterial, based on different conditions;
- 9.可以根据客户工况、联接需求定制特殊产品;
Customized products are available as per special operation conditions and connection requirements;
- 10.ML系列高速高压旋转接头泄漏量一般可控制在200ml/min以内;
The leakage rate can always be kept within 200ml/min.

ML系列高速高压多通路旋转接头使用注意事项 Installation & Usage attentions on ML multi-passage rotary joint

- 1.ML系列产品采用高速高压密封结构,回油孔在安装时必须使用油管连接至回油箱,同时保证回油管道不可以堵塞而形成压力;
ML multi-passage rotary joint uses a special sealing structure, wherein the oil return hole needs to be connected to the oil tank by oil pipes. At the same time, please ensure the oil pipings cannot be blocked to form back pressure;
- 2.所标技术参数都为最大值,并不能同时使用;
Rotary joint is designed for continuous operation at either maximum speed or maximum pressure. Operating conditions close to maximum pressure and speed simultaneously should be avoided.
- 3.ML系列内部通道存在相互渗漏,应注意不同流体的相容性,防止交叉污染;
Reciprocal leakage may occur between passages. Please pay attention to the compatability of different working media to avoid cross-contamination;
- 4.工作介质、流体均应过滤后使用,过滤精度不低于10μm;
The working fluid or media should be used after filtration. And the filtration precision should be no less than 10μm;
- 5.液压系统需有压力自动调节器以补偿接头内部渗漏造成的压力损失;
For a hydraulic system, automatic pressure regulator is necessary to be used to compensate for the pressure loss caused by inner leakage;
- 6.温度的升高会降低液压油的粘度,造成内部泄漏量增大,在使用时需有冷却装置;
The rise in the temperature will reduce the viscosity of the hydraulic oil, wherein inner leakage will also be increased. Thus, cooling devices are also necessary to be accompanied.
- 7.使用液压油以外其它介质时,需咨询腾旋技术部;
When working media other than hydraulic oil is used, please consult Tengxuan.

M系列订货说明 Ordering Instructions

示例	M	03	R	010	-	R
类型 常用类型有: MR、MC、ML						
通路数 03表示旋转接头有三个通路						
通路						
通路规格 010表示通径大小						
接口方式 R-螺纹接口、F-法兰接口						

注意: 随着介质、口径、压力、转速、温度的不同,使用极限也不同,在特殊条件下,请与腾旋科技联系,以确定安全极限。
Note: Maximum limits vary in relation to changes in media,size, rpm, pressure and temperature. Consult Tengxuan for safe limitations under your specific application conditions.

MR 型旋转接头

MR Rotary Joints

Txuan

www.tengxuan.net

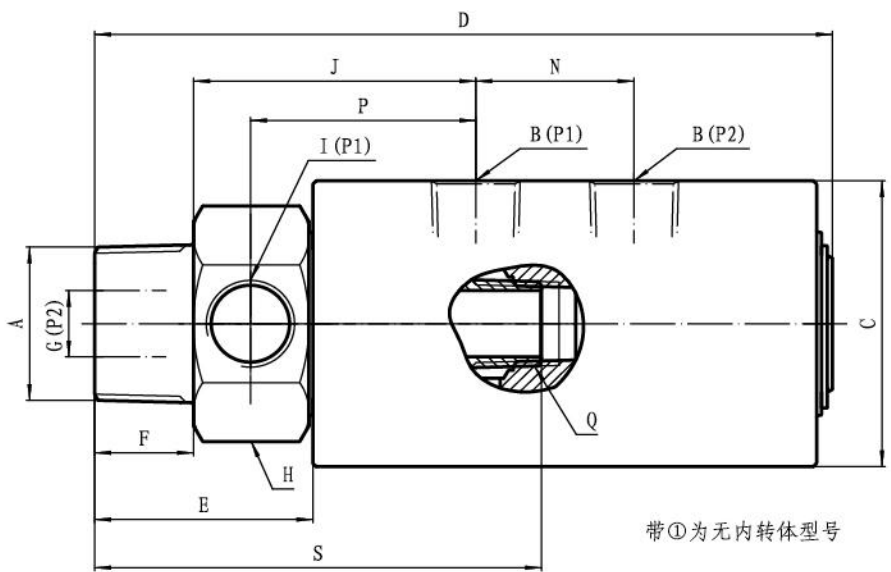
MR系列旋转接头是专门用于低速高压多种介质、多通路设备的旋转接头。应用于加工中心回转台、液压工作站、卷曲机、液压机械等,可以根据客户不同需求定制所需产品;工作流体、压力介质均应过滤后使用,过滤精度不低于10μm,由于扭距相对较大,请注意止转装置的设置。

MR Series multi-passage rotary joints are specially designed for low-speed and high-pressure applications. They are applied to CNC turrets, hydraulic workstations, coiling machines, hydraulic machineries and etc. Customized products are available based on different requirements. Working fluid or medium needs to be used after the filtration. The filtration precision should be no less than 10μm. Please pay attention to the anti-rotation structure, because the running torque is relatively larger.



技术参数 Operating Data

最高转速	Max.Speed	250RPM
最高温度	Max.Temperature	70°C
最高压力	Max.Pressure	20MPa
适用介质	Media	液压油、气



B (BSPT)	型号 model	A	C	D	E	F	G	H	I (BSPT)	J	N	P	Q (BSPT)	S
2-1/4"	MR02R008R	R1"-RH	67	150	55.5	18	8	44	1/4"	67.8	29	43	1/4"	—
	MR02R008R①	R1"-RH	67	150	55.5	18	17	44	1/4"	67.8	29	43	1/4"	96
	MR02R008G	G1"-RH	67	150	55.5	18	8	44	1/4"	67.8	29	43	1/4"	—
	MR02R008G①	G1"-RH	67	150	55.5	18	17	44	1/4"	67.8	29	43	1/4"	96
2-1/2"	MR02R015R	R1-1/4"-RH	76	208	63	28	16	55	1/2"	84.2	42	67	1/2"	—
	MR02R015R①	R1-1/4"-RH	76	208	63	28	27	55	1/2"	84.2	42	67	1/2"	129
	MR02R015G	G1-1/4"-RH	76	208	63	28	16	55	1/2"	84.2	42	67	1/2"	—
	MR02R015G①	G1-1/4"-RH	76	208	63	28	27	55	1/2"	84.2	42	67	1/2"	129
2-3/4"	MR02R020R	R1-1/2"-RH	89	255.5	66.6	30	20	63	3/4"	91.3	48	70	3/4"	—
	MR02R020R①	R1-1/2"-RH	89	255.5	66.6	30	35	63	3/4"	91.3	48	70	3/4"	148
	MR02R020G	G1-1/2"-RH	89	255.5	66.6	30	20	63	3/4"	91.3	48	70	3/4"	—
	MR02R020G①	G1-1/2"-RH	89	255.5	66.6	30	35	63	3/4"	91.3	48	70	3/4"	148

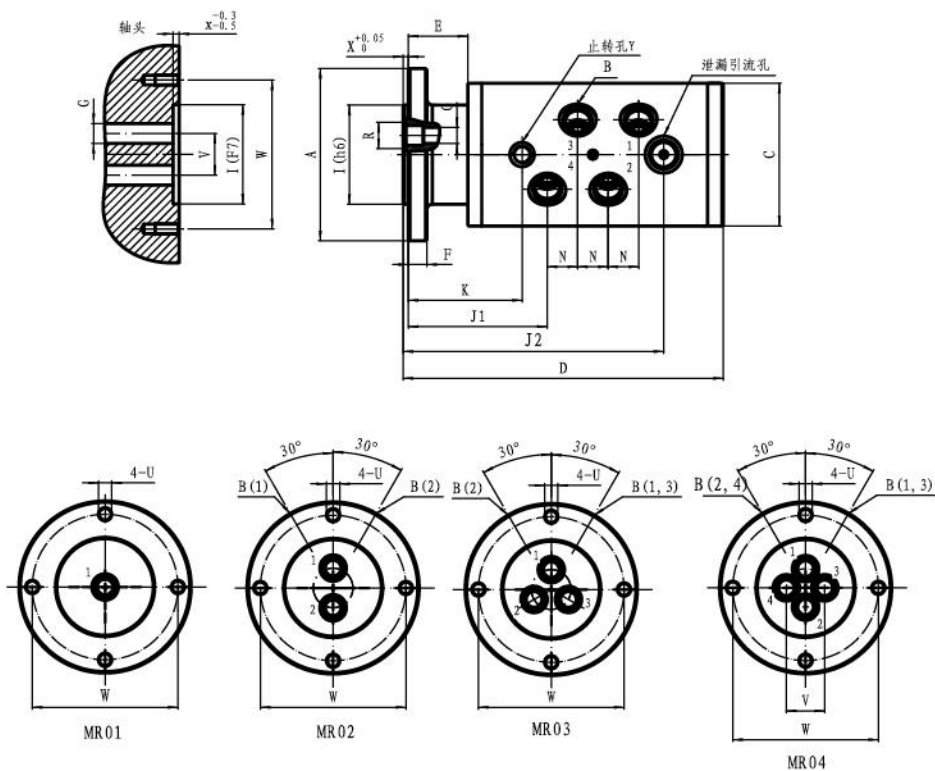
MR 型旋转接头

MR Rotary Joints



技术参数 Operating Data

最高转速 Max.Speed 250RPM
最高温度 Max.Temperature 70°C
最高压力 Max.Pressure 25 MPa
适用介质 Media 液压油、气



型号 model	A	B	C	D	E	F	G	I	J1	J2	K	N	U	V	W	X
MR01R015F	80	1xG1/2"	78	131	40	10	12	40	83	95	58	—	9	—	60	5
MR01R020F	85	1xG3/4"	83	138	40	12	16	45	86	102	58	—	9	—	65	5
MR01R025F	85	1xG1"	90	148	40	12	22	45	92	110	65	—	9	—	65	5
MR01R032F	110	1xG1-1/4"	108	168	46	14	30	55	102	126	70	—	9	—	80	5
MR02R008F	85	2xG1/4"	85	148	39	12	6	45	82	113	58	21	9	14	65	5
MR02R010F	85	2xG3/8"	90	158	41	12	9	45	88	125	65	23	9	15	65	5
MR02R015F	110	2xG1/2"	108	182	46	14	12	55	96	144	70	30	9	20	80	5
MR02R020F	125	2xG3/4"	155	230	54	16	16	70	125	180	100	36	14	30	100	5
MR03R008F	85	3xG1/4"	85	168	39	12	6	45	82	140	58	21	9	14	65	5
MR03R010F	85	3xG3/8"	90	180	41	12	9	45	89	150	65	23	9	16	65	5
MR03R015F	120	3xG1/2"	108	212	46	14	12	60	96	170	70	30	9	20	90	5
MR04R008F	85	4xG1/4"	90	180	40	12	6	45	84	145	64	18	9	18	65	5
MR04R010F	120	4xG3/8"	108	226	46	14	9	60	95	190	70	26	9	22	90	5
MR04R015F	130	4xG1/2"	115	230	46	16	12	75	103	210	75	30	9	29	110	5

注意：随着介质、口径、压力、转速、温度的不同，使用极限也不同，在特殊条件下，请与腾旋科技联系，以确定安全极限。
Note: Maximum limits vary in relation to changes in media,size, rpm, pressure and temperature. Consult Tengxuan for safe limitations under your specific application conditions.

ML 型旋转接头

ML Rotary Joints

Txuan

www.tengxuan.net

ML系列旋转接头是专用于中高速、高压多通路设备的产品。适用于加工中心回转台、液压工作站、卷曲机、风力发电机、离心机及多通路高压控制器之类设备。采用先进的间隙式密封结构，不存在密封圈接触磨损，延长了使用寿命。

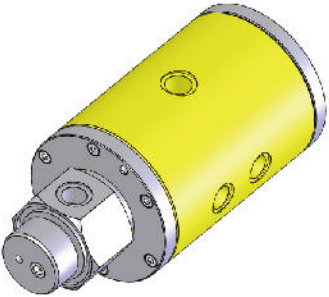
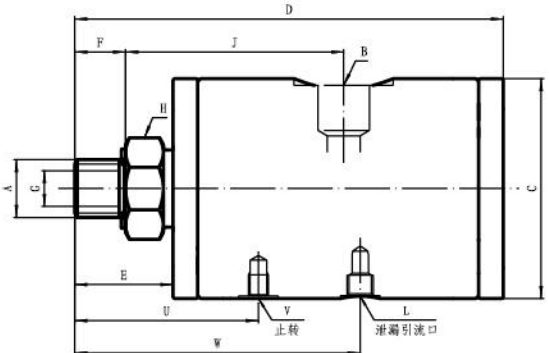
ML Series rotary joints are specially designed for middle & high-speed and high-pressure applications. They are applied to CNC turrets, hydraulic workstations, coiling machines, wind turbines, centrifuges, multi-passage and high-pressure controllers and etc. ML Series rotary joints use the advanced labyrinth and non-contact sealing structure for higher working performance.



技术参数 Operating Data

最高转速 Max.Speed 3000RPM
最高温度 Max.Temperature 70°C
最高压力 Max.Pressure 25 MPa
适用介质 Media 液压油、气

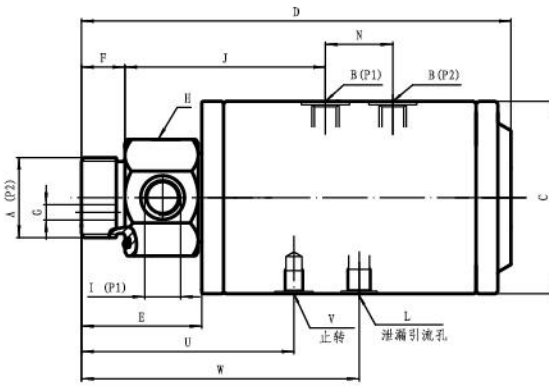
B	型号 model	A	C	D	E	F	G	H	J	L	U	V	W
G1/2"	ML01R015R	G1/2"-RH	88	170	40	20	13	46	88	G1/8"	75	M8	115
G3/4"	ML01R020R	G3/4"-RH	88	170	45	26	16	46	88	G1/8"	75	M8	115
G1"	ML01R025R	G1"-RH	108	185	52	26	22	55	95	G1/4"	86	M8	120
G1-1/4"	ML01R032R	G1-1/4"-RH	108	185	55	28	28	65	100	G1/4"	86	M8	120



技术参数 Operating Data

最高转速 Max.Speed 3000RPM
最高温度 Max.Temperature 70°C
最高压力 Max.Pressure 25 MPa
适用介质 Media 液压油

B	型号 model	A	C	D	E	F	G	H	I	J	L	N	U	V	W
2xG1/4"	ML02R008R	G3/4"-RH	82	176	46	17	6.4	46	G1/4"	76	G1/8"	36	88	M8	115
2xG3/8"	ML02R010R	G1"-RH	82	181	51	20	8	46	G3/8"	78	G1/8"	36	101	M8	120
2xG1/2"	ML02R015R	G1-1/4"-RH	109	244	70	26	15	55	G1/2"	101	G1/4"	50	118	M8	130
2xG3/4"	ML02R020R	G1-1/2"-RH	109	249	75	28	17.5	65	G3/4"	106	G1/4"	50	121	M8	135



ML 型旋转接头

ML Rotary Joints

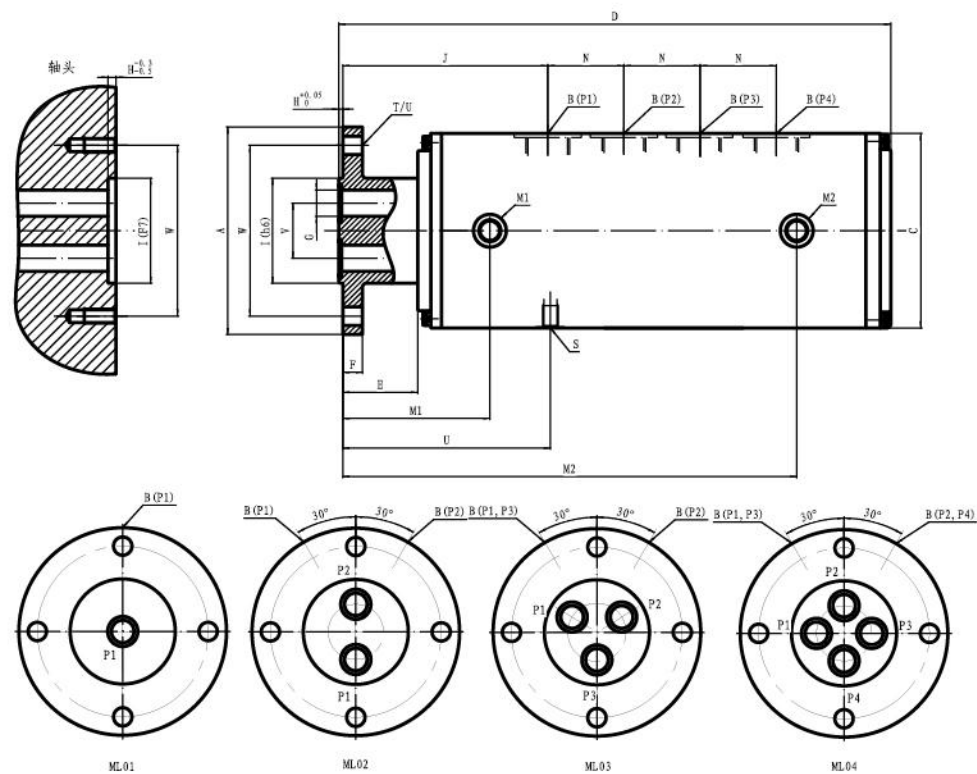
Txuan

www.tengxuan.net



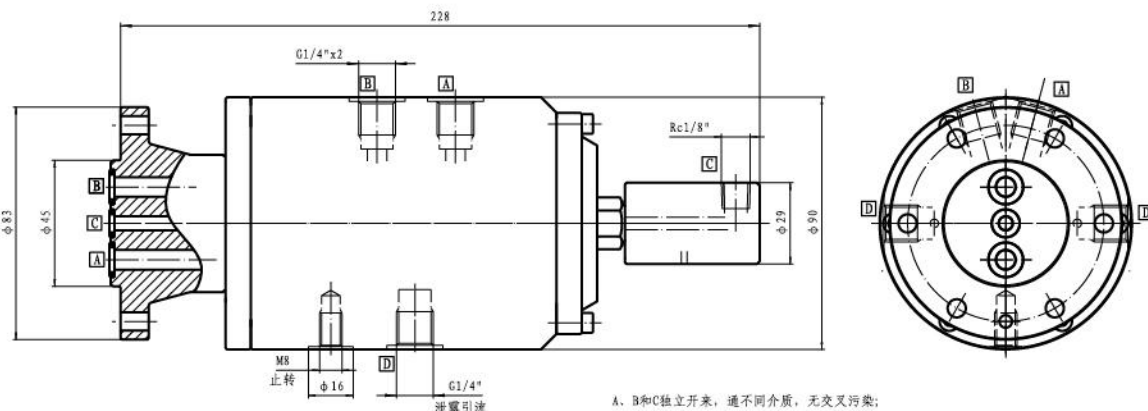
技术参数 Operating Data

最高转速	Max.Speed	3000RPM
最高温度	Max.Temperature	70°C
最高压力	Max.Pressure	25 MPa
适用介质	Media	液压油



技术参数 Operating Data

最高转速	Max.Speed	3000RPM
最高温度	Max.Temperature	70°C
最高压力	Max.Pressure	25 MPa
适用介质	Media	液压油



型号 model	A	B	C	D	E	F	G	H	I	J	M1	M2	N	T/U	V	W
ML01R020F	85	1xG3/4"	98	170	40	12	16	5	45	101	83	—	—	4-14	—	65
ML02R008F	85	2xG1/4"	98	185	40	12	6	5	45	95	86	—	30	4-14	14	65
ML02R010F	85	2xG3/8"	98	185	40	12	9	5	45	95	86	—	30	4-14	15	65
ML02R015F	110	2xG1/2"	124	230	46	14	12	6	55	115	95	—	42	4-14	20	80
ML02R020F	158	2xG3/4"	148	312	54	15	20	3	80	156	112	262	66	4-14	42	130
ML03R008F	85	3xG1/4"	98	213	40	12	6	5	45	95	86	—	30	4-14	14	65
ML03R010F	85	3xG3/8"	98	213	40	12	9	5	45	95	86	—	30	4-14	16	65
ML03R015F	120	3xG1/2"	128	276	46	14	12	6	60	115	95	—	42	4-14	20	90
ML03R020F	158	3xG3/4"	178	350	57	15	16	3	80	141	159	—	66	4-14	42	130
ML04R010F	120	4xG3/8"	128	315	46	14	9	5	60	115	95	—	42	4-14	22	90
ML04R020F	158	4xG3/4"	178	426	57	15	16	3	80	138	159	—	70	4-14	42	130

注意：随着介质、口径、压力、转速、温度的不同，使用极限也不同，在特殊条件下，请与腾旋科技联系，以确定安全极限。
Note: Maximum limits vary in relation to changes in media,size,rpm,pressure and temperature. Consult Tengxuan for safe limitations under your specific application conditions.

两路液压油和一路压缩空气液压旋转接头应用于特殊测试设备，两路液压控制松夹，一路用作充放气，油路和气路不发生交叉传播。

The rotary joint with two passages for hydraulic oil and one passage for air is applied to the special testing equipment, wherein oil passages and air passage do not interfere with each other.



MC 型旋转接头

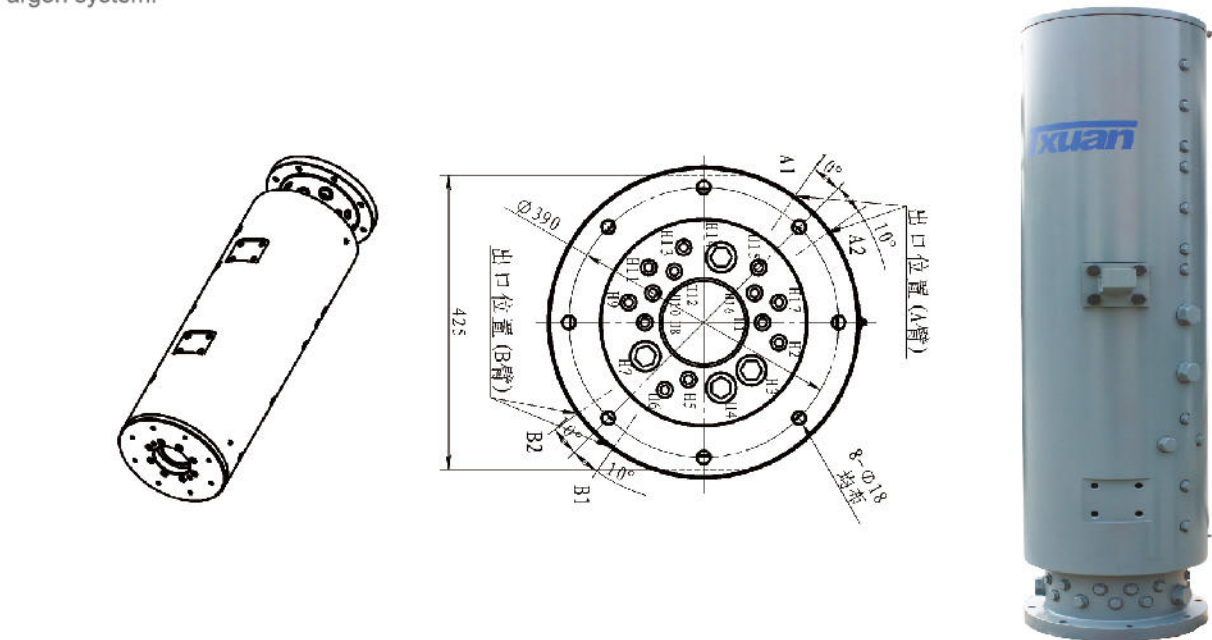
MC Rotary Joints

Txuan

www.tengxuan.net

专用系列冷却、底吹、顶吹、大包回转台旋转接头，产品从20吨到350吨转炉、从单独水冷却到带有氮气氩气系统、从单通道到多达30多通道等，旋转接头配套品种齐全。

Txuan steel rotary joint are specially designed for cooling, bottom blowing, top blowing, rotary table (20T to 350T) applications and etc. Txuan steel rotary joint are available in various sizes and designs, from single-passage to multi-passage (more than 30 channels), from simple water cooling designs to complicated designs with nitrogen and argon system.



焦化-煤干燥机专用

技术参数 Operating Data

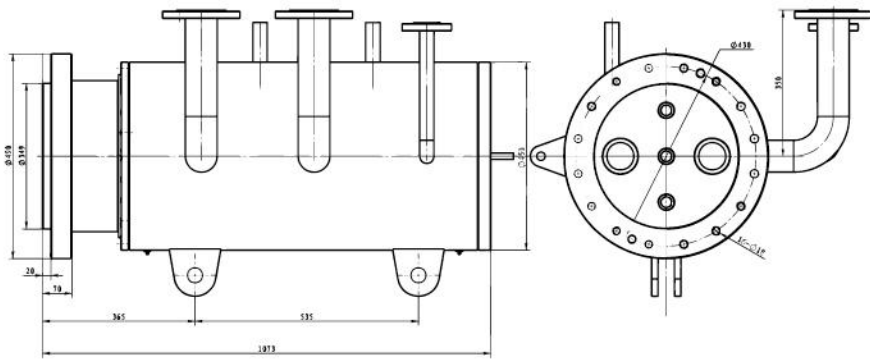
通径 Size	15A~80A
转速 Speed	0~10RPM
温度 Temperature	-30°C~70°C
压力 Pressure	0~25MPa
通道数 Number of Channels	1~30
适用介质 Media	液压油、气体、水



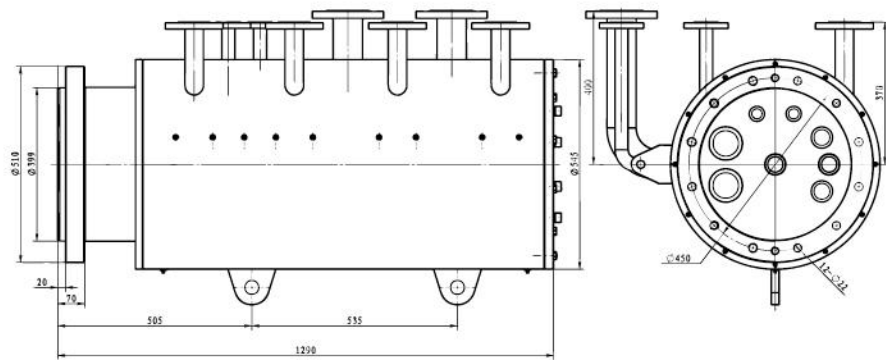
技术参数

Operating Data

通径 Size	15A~100A
转速 Speed	0~10RPM
温度 Temperature	0°C~70°C
压力 Pressure	0~25MPa
通道数 Number of Channels	1~20
适用介质 Media	液压油、气体、水



驱动端旋转接头
Rotary Joint for Driving End Application



游动端旋转接头
Rotary Joint for Converter Moving End Application



高炉开口机用旋转接头
Rotary Joint for Blast Furnace Tapping Application



转炉驱动端旋转接头
Rotary Joint for Converter Driving End Application



120T转炉旋转接头
Rotary Joint for 120T Converter Application



转炉游动端旋转接头
Rotary Joint for Converter Moving End Application

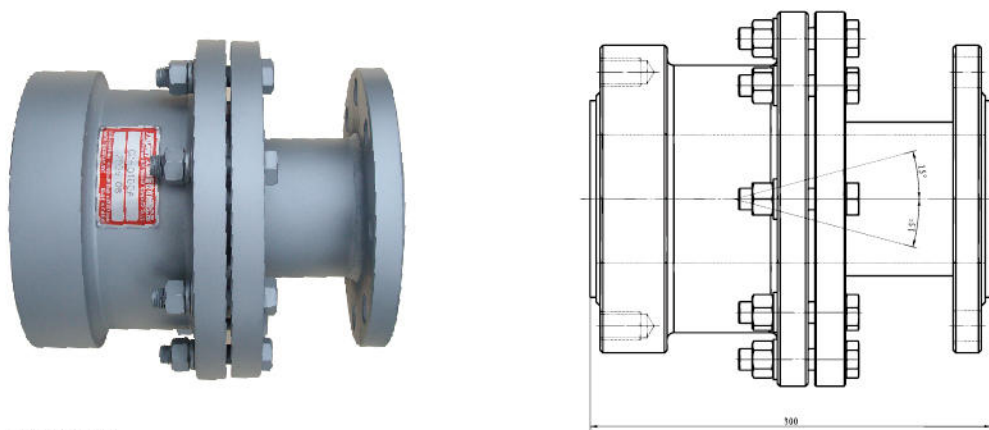
注意：随着介质、口径、压力、转速、温度的不同，使用极限也不同，在特殊条件下，请与腾旋科技联系，以确定安全极限。
Note: Maximum limits vary in relation to changes in media, size, rpm, pressure and temperature. Consult Tengxuan for safe limitations under your specific application conditions.

SGJ-Q 天节接头

SGJ-Q Swivel Joints

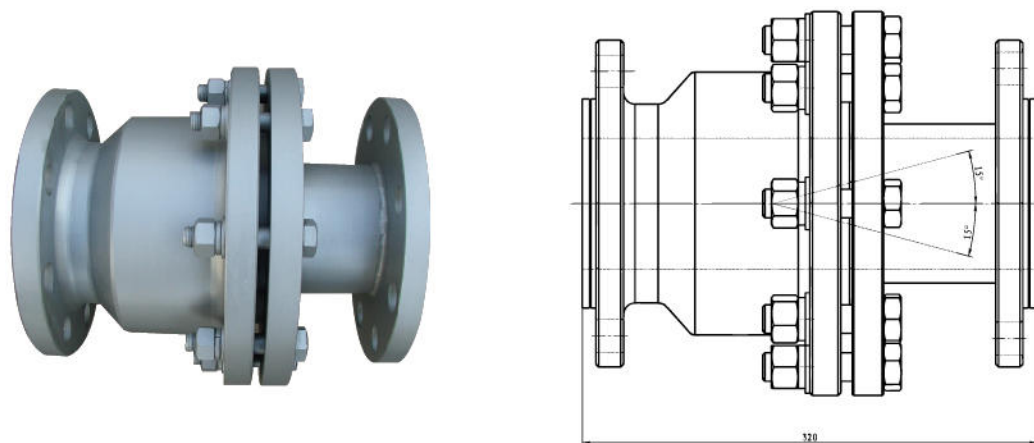
SGJ-Q型旋转接头应用于步进式加热炉；密封件采用耐高温、耐高压的材质制作，密封性能好；可围绕轴线旋转、也可以摆动±15°。

SGJ-Q rotary joints are applied to the walking beam furnace. The sealing parts are made of high-temperature and high-pressure resistant materials with excellent sealing performances. Axial rotation and pendular movement with an angle ±15° can be realized thereof.



技术参数
Operating Data

通径 Size	80A~150A
摆动角度 Pendular Angle	±15°
温度 Temperature	0°C~280°C
压力 Pressure	0~4MPa
适用介质 Media	饱和蒸汽、热水、水



SGJ-F 天节接头

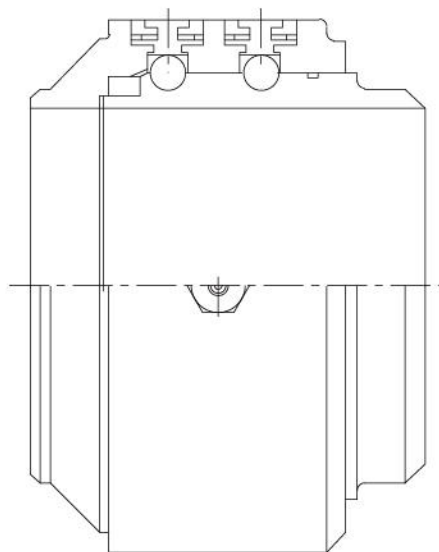
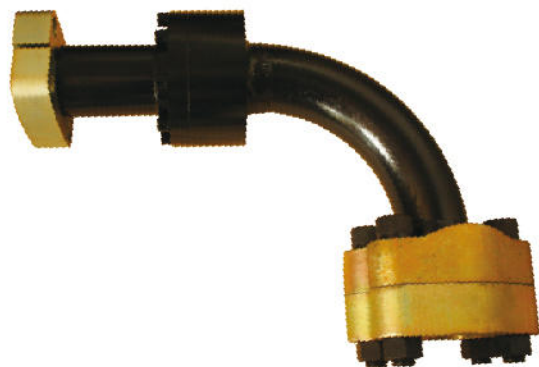
SGJ-F Swivel Joints

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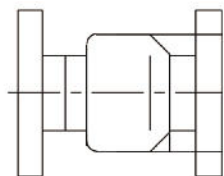
SGJ-F型旋转接头与弯头或拐角零件组成不同结构形式可以转动的管路；采用耐高压、耐磨损旋转组合密封圈、精密加工的圆弧管道支撑转动；根据流通的介质不同来选用不同的材质。

SGJ-F rotary joints are always used in rotatable pipelines. The sealing structure is realized by high-temperature resistant and anti-wear seal rings, and the rotation is supported by precisely machined circular pipings. Different materials are available as per different working fluids.

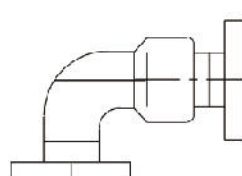


技术参数
Operating Data

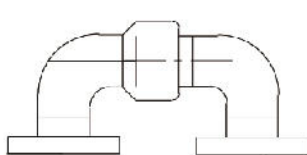
通径 Size	10A~350A
最高温度 Max. Temperature	180°C
最高压力 Max. Pressure	21MPa
适用介质 Media	气体、油、水、水乙二醇



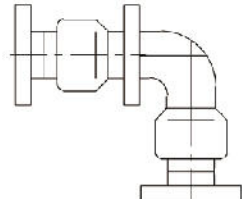
SGJ-FI



SGJ-FIL



SGJ-FILL

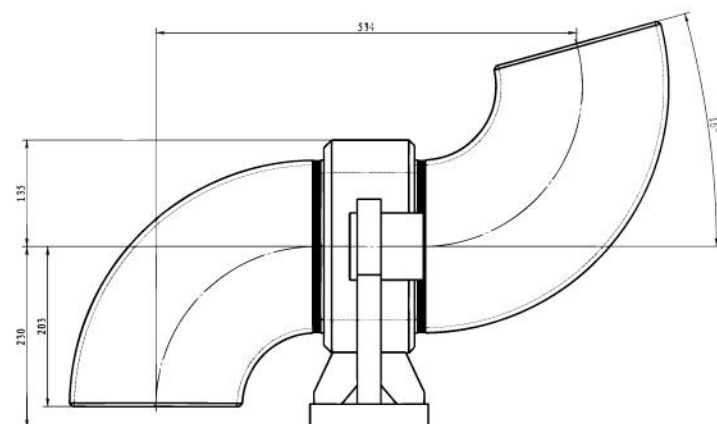


SGJ-FII



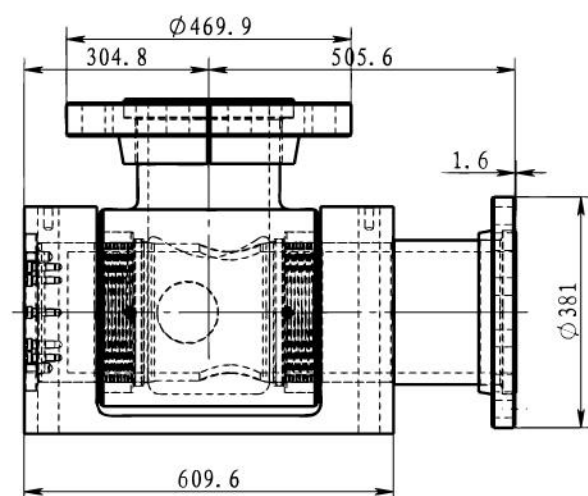
层流冷却专用接头

Laminar Cooling Application Rotary Joints



技术参数
Operating Data

通径 Size	200A
转速 Speed	0~10RPM
温度 Temperature	0°C~120°C
压力 Pressure	0~10MPa
适用介质 Media	水



船舶用关节接头 Swivel Joint for Vessel Application



SGJ-D 天节接头

SGJ-D Swivel Joints

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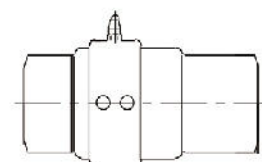
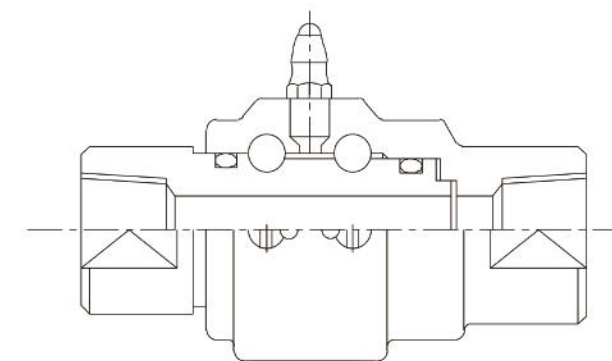


SGJ-D型旋转接头与弯头或拐角零件组成不同结构形式可以转动的管路；采用耐高压、耐磨损旋转组合密封圈、精密加工的圆弧管道支撑转动；根据流通的介质不同来选用不同的材质。

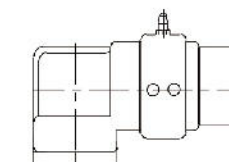
SGJ-D rotary joints are always used in rotatable pipelines. The sealing structure is realized by high-temperature resistant and anti-wear seal rings, and the rotation is supported by precisely machined circular pipings. Different materials are available as per different working fluids.

技术参数
Operating Data

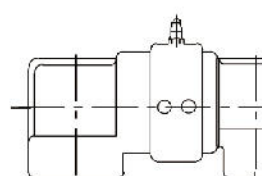
通径 Size	10A~350A
最高转速 Max.speed	0~5RPM
最高温度 Max.Temperature	0~70°C
最高压力 Max.Pressure	0~28MPa
适用介质 Media	气体、油、水、水乙二醇



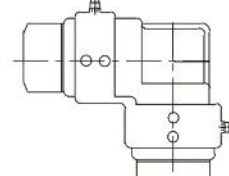
SGJ DI



SGJ-DIL



SGJ-DILL



SGJ-DII

