



扫一扫，进腾旋网站



TENGXUAN

TECHNOLOGY

B 系列旋转接头

BE / BH / BEE / BWL / BQ

B ROTARY JOINTS

BE/BEE/BWL/BQ



旋转接头
关节接头
中央回转接头
机械密封
金属软管
虹吸器
扰流器
纸芯夹头
涂料筛
干网清洗
移动喷淋执行机构

Rotary Joints
Swivel Joints
Hydraulic Central Rotary Joint
Mechanical Seals
Hoses
Syphons
Turbulator Bars
Core Chucks
Screen Filter
Dryer Felt Cleaner
Shower Oscillator Systems



蒸汽节能系统
涂辅料系统

Steam & Condensate Systems
Coating & Supplementary Materials Systems



ADD: No.6 Xindu Road, Meicun industrial zone,
New district, Wuxi, Jiangsu. P.R.China 214112
TEL: +86 510 68787000 88159440
FAX: +86 510 88159405
E-mail: market@tengxuan.net
WEB : www.tengxuan.net

地址：中国·江苏·无锡市新区梅村工业集中区新都路6号
电话：0510 68787000 88159440
传真：0510 88159405 邮编：214112
E-mail: market@tengxuan.net
网址：www.tengxuan.net



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

本出版中所含与产品有关的数据和信息仅作参考，此类数据和信息不代表任何形式的担保或保证，具体情况请向腾旋公司咨询。错误和疏漏在所难免，技术数据亦会有所变更。出版物中照片资料版权归腾旋公司所有，未经允许不得转载。（腾旋市场部）



腾旋科技（股票代码430602），成立于1999年，是专业研发、生产和销售旋转接头及其相关液压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。

公司于2009年建立了旋转接头研发中心，与韩国、美国等专业研发机构进行技术合作，并聘请美国、意大利行业资深专家加入研发团队。公司自主研发了多种高温、高压、高速旋转接头，填补了国内空白。身为全国机械密封标准化技术委员会理事单位，腾旋科技作为第一起草人起草的新版旋转接头行业标准（JB/T8725-2013），已于2013年执行。腾旋科技累计获得了300多项专利。

公司拥有各类精密机床、数控加工中心及其它专业检测设备160余台套，并严格按照ISO9001质量体系要求组织设计、生产和销售服务，产品已广泛应用于造纸、钢铁、纺织、印染、橡塑、机床及工程机械等行业，并赢得国内外众多知名客户的青睐。

我们不仅提供优质的产品，更提供精诚的服务；我们不仅提供技术支持，更提供专业的整体解决方案。

Tengxuan Technology (stock code: 430602) is a high-tech enterprise specializing in research, development and manufacturing of rotary joints and related hydraulic products. Founded in 1999, Tengxuan has been devoting to dynamic seal and friction technology research, and is well-known as market leader of rotary joints in China.

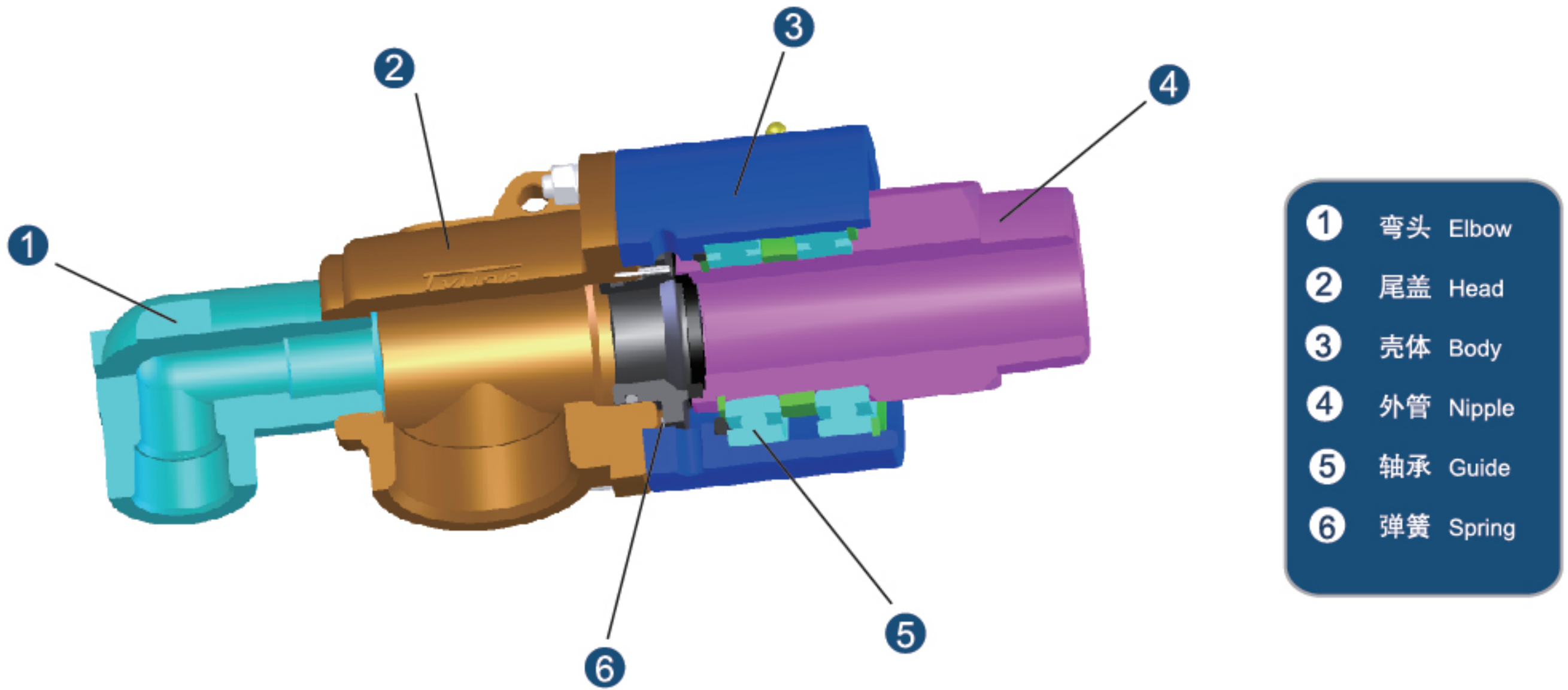
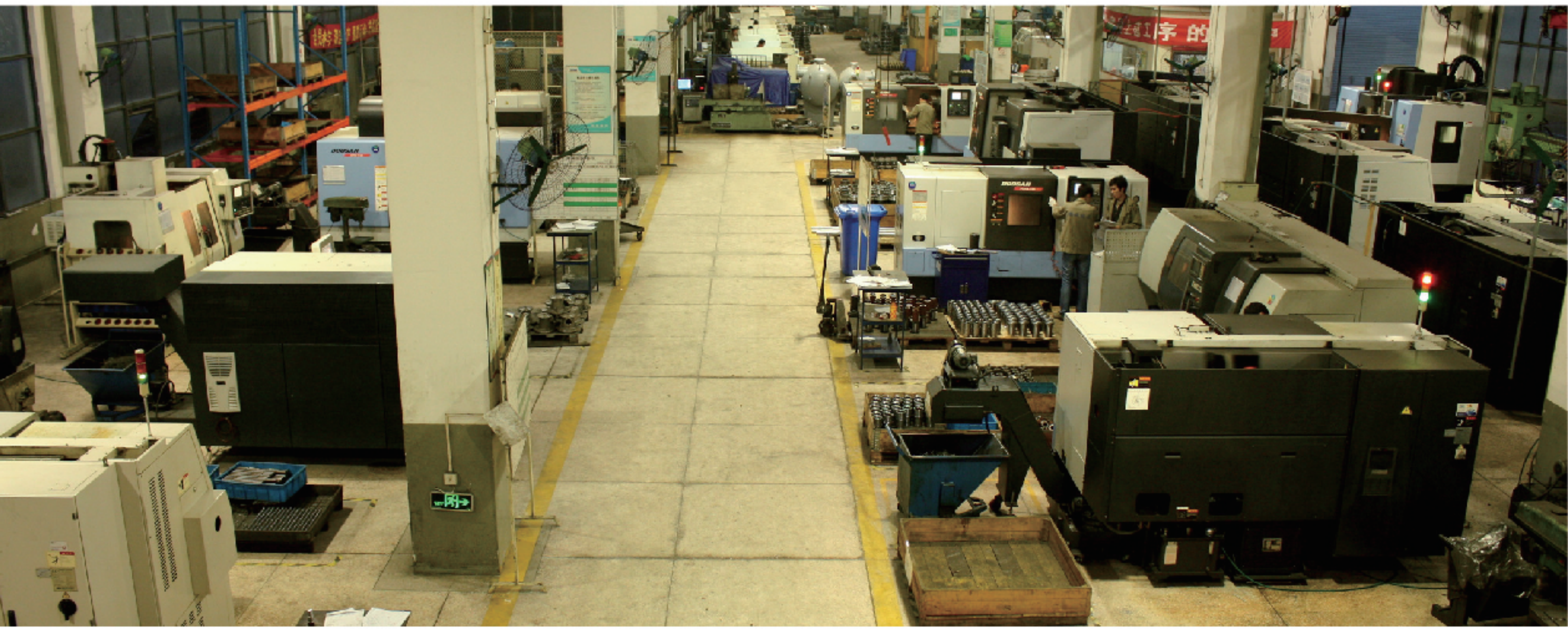
Tengxuan established R&D center in 2009, cooperated with professional research institutions in South Korea and USA. Senior experts from USA and Italy have joined Tengxuan. Tengxuan has developed independently a series of products be qualified in high temperature, high pressure or high speed working conditions. All these products have been successfully substituted for imported products. As a national standardization technical committee member of mechanical seal, Tengxuan is the first editor of new rotary joint industry standards (JB/T8725-2013), which has been implemented from 2013. Tengxuan has totally obtained 300 patents, including 7 invention patents.

Tengxuan has a modern workshop with more than 160 sets CNC and other equipment. All Tengxuan products are made from approved premium raw material and seals with lean manufacturing. Our quality management system is ISO 9001. From paper, steel, rubber, to textile, dyeing and construction machinery, Tengxuan has been well recognized by customers in these key industries both at home and abroad.

Along with high quality products, Tengxuan also offers customers the highest level technical support and professional total solution.

主要资质及认证 Main Qualification & Certification

已通过ISO9001质量认证 ISO9001 certification
已通过ISO14001环境认证 ISO14001 certification
正在筹备通过DNV TS16949质量认证 Preparing for DNV TS16949



- 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	BE 3000 RPM BH 1500 RPM
	通径(Model) 25 - 40	BE 2500 RPM BH 1250 RPM
	通径(Model) 50	BE 1000 RPM BH 500 RPM
	通径(Model) 65 - 100	BE 500 RPM
常用介质(Media):	水 Water, 空气 Air	
常规口径(Sizes):	1/8" — 4"	

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

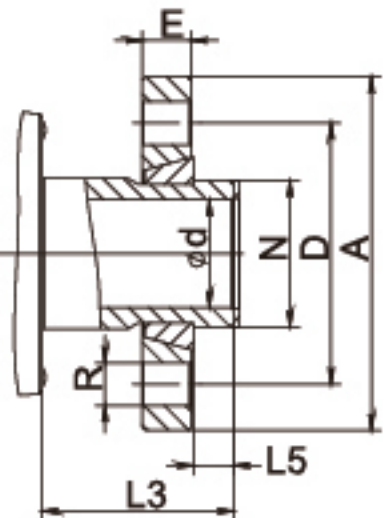
Long life and good stability

No maintenance required

轴头快换法兰尺寸对照表

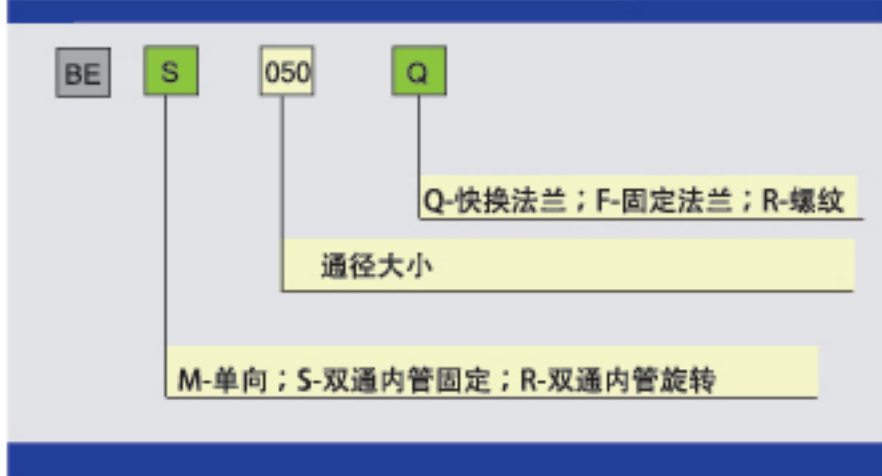
Quick release flanges type K

Nominal Size	φ A	φ D	φ N	E	R	L5
020 3/4"	80	55	26	14	4-φ 12	11
025 1"	90	65	32.3	14	4-φ 12	11
032 1-1/4"	100	75	41	16	4-φ 14	13
040 1-1/2"	115	85	47.5	16	4-φ 14	13
050 2"	125	95	59	16	4-φ 14	16
065 2-1/2"	140	110	72	18	4-φ 14	19
080 3"	160	130	90	20	6-φ 14	25
090 3-1/2"	180	150	100	20	8-φ 14	31
100 4"	200	165	113	22	8-φ 16	25



BE型旋转接头型号代码对照

Rotary Joint ordering code example



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, rpm, pressure and temperature. Consult Tengxuan for safe limitations under your specific application conditions.

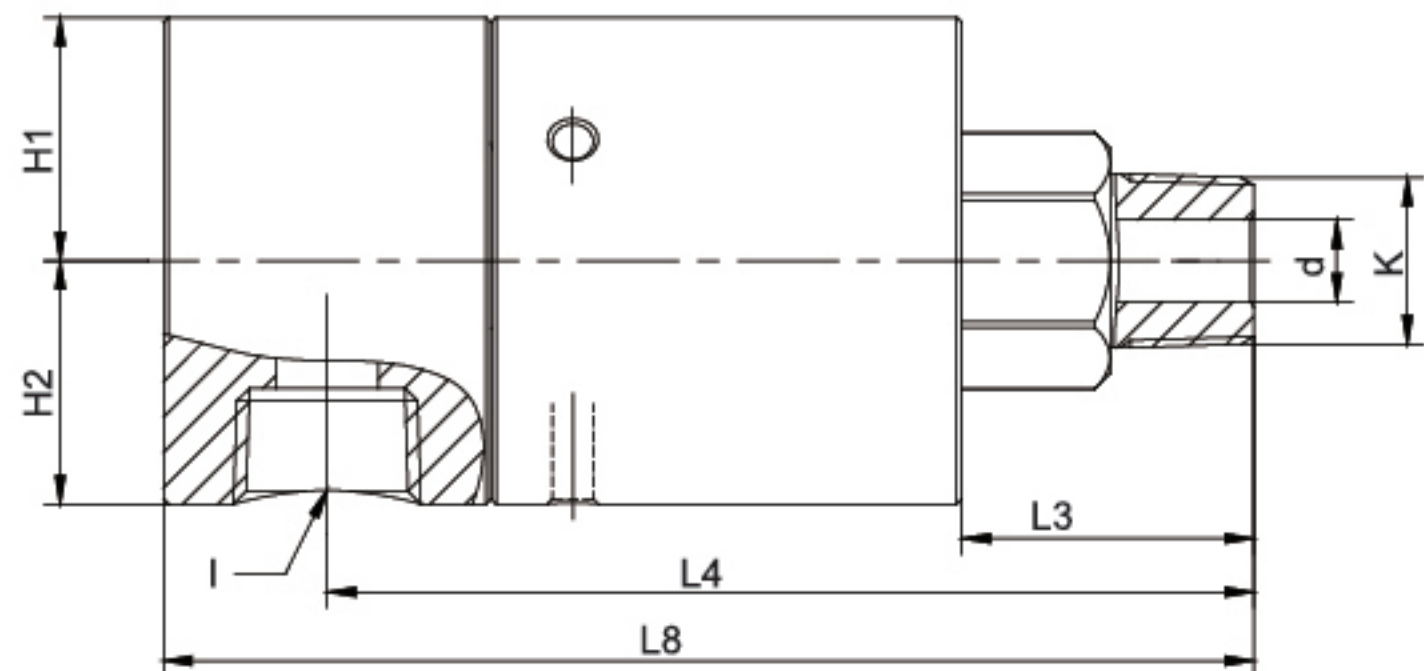
BE/BH 型旋转接头

BE/BH Rotary Joints

Txuan

www.tengxuan.net

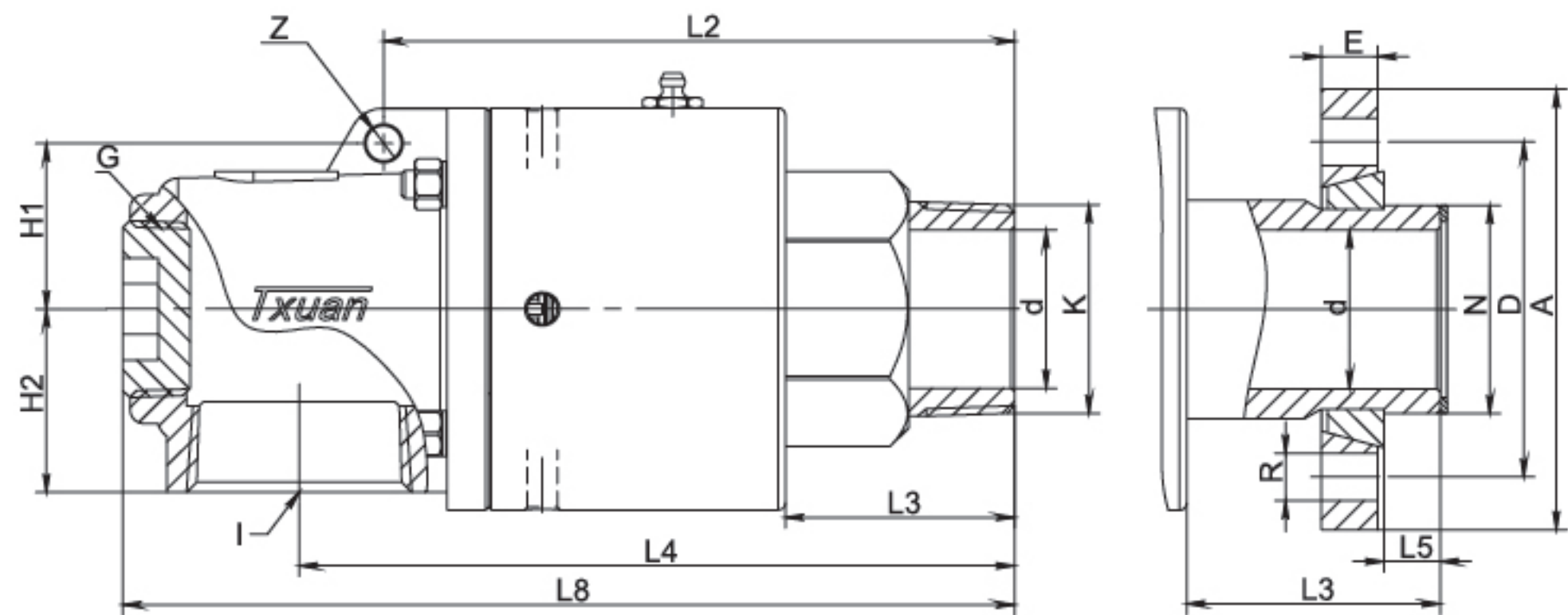
Mounting Dimensions



BEM/BHM 型旋转接头

单通
MONO FLOW

Model	K(BSPT)	I(BSPT)	Φd	H2	L3	L4	L8
BEM006	1/8"	Rc1/8"	4	23	29	88	102
BEM008	1/4"	Rc1/4"	6	23	29	88	102
BEM010	3/8"	Rc3/8"	8	23	29	88	102

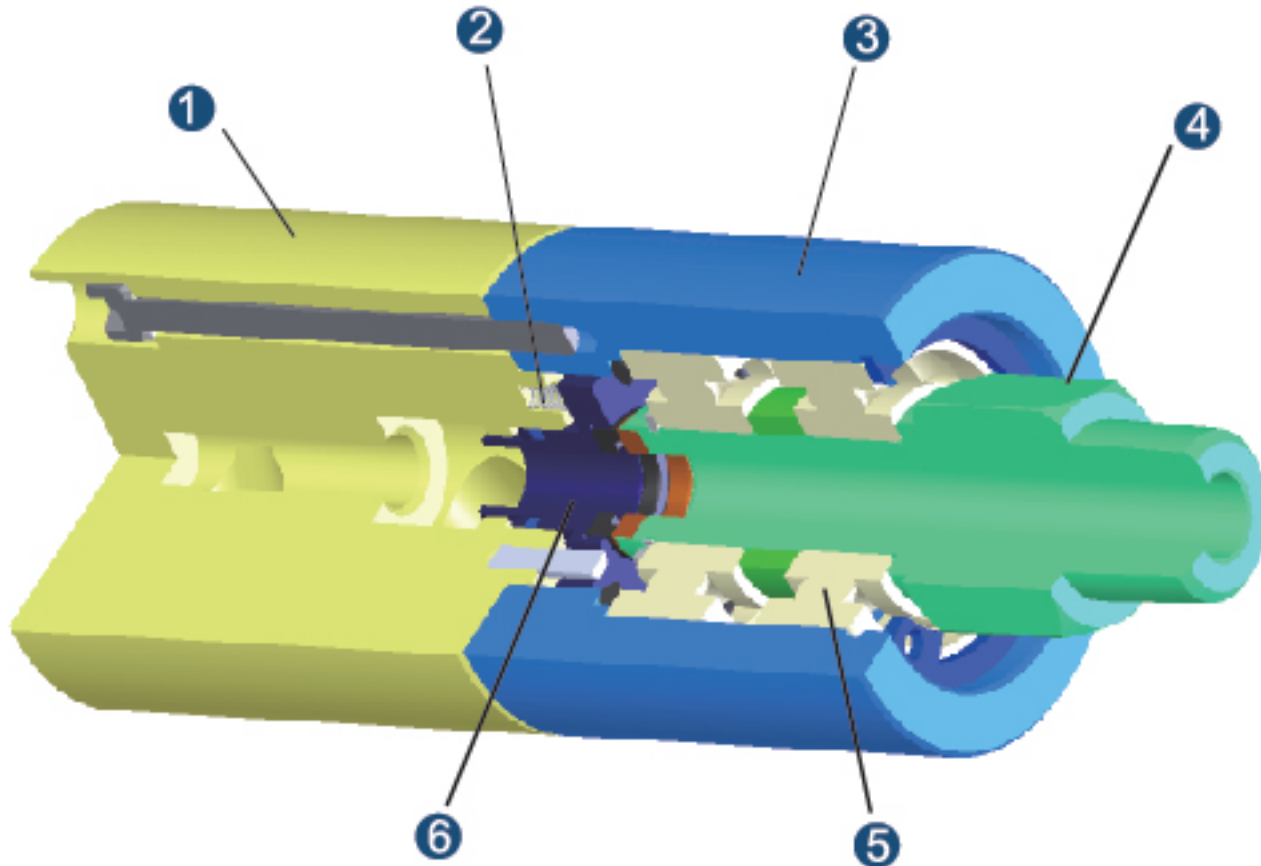


BEM/BHM 型旋转接头

单通
MONO FLOW

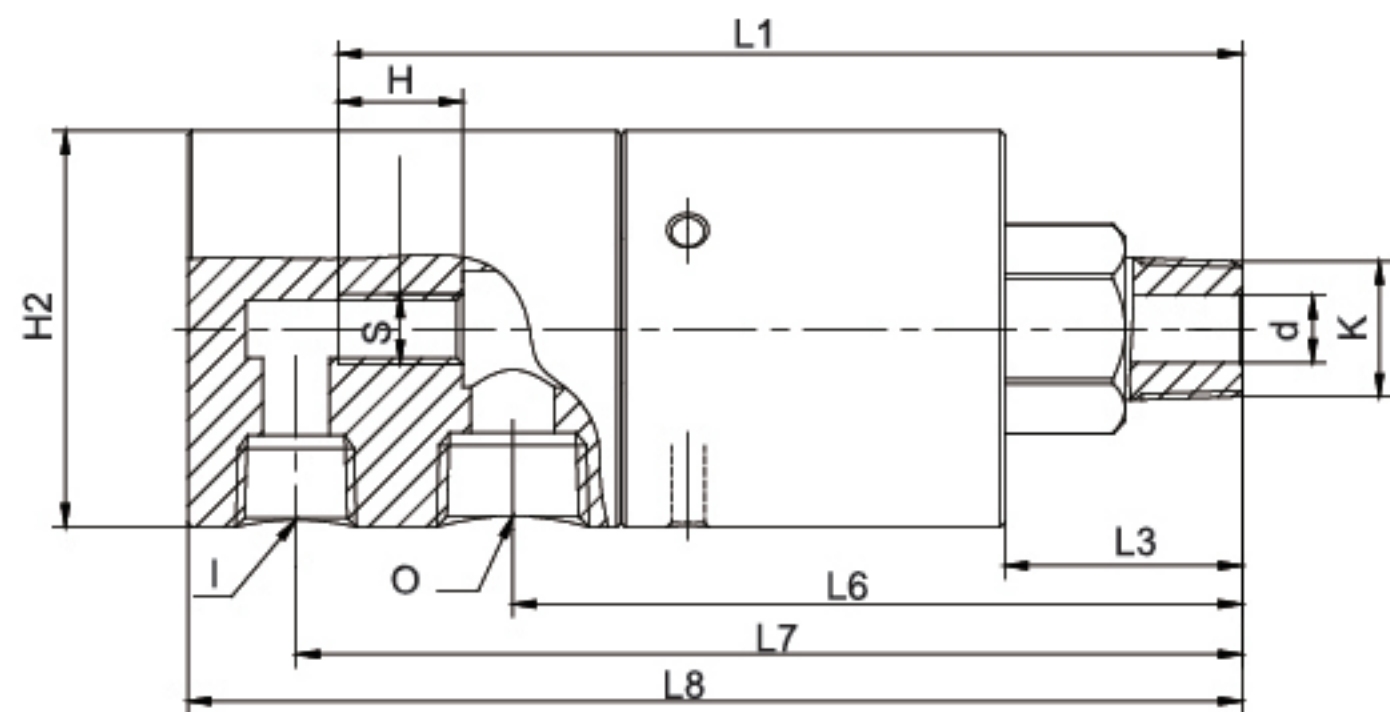
Model	K(BSPT)	I(BSPT)	ΦZ	Φd	H	H1	H2	L2	L3	L4	L8	G(BSPT)
BEM015	1/2"	Rc 1/2"	/	13	15	/	28	/	35	108	131	Rc 3/8"
BEM020	3/4"	Rc 3/4"	/	16	15	/	30	/	40	125	154	Rc 1/2"
BEM025	1"	Rc 1"	/	23	18	/	35	/	44	132	164	Rc 3/4"
BEM032	1-1/4"	Rc 1-1/4"	/	30	22	/	39	/	54	161	198	Rc 1"
BEM040	1-1/2"	Rc 1-1/2"	/	36	25	/	38	/	58	172	218	Rc 1-1/4"
BEM050	2"	Rc 2"	10	45	28	47	45	179	65	203	253	Rc 1-1/2"

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

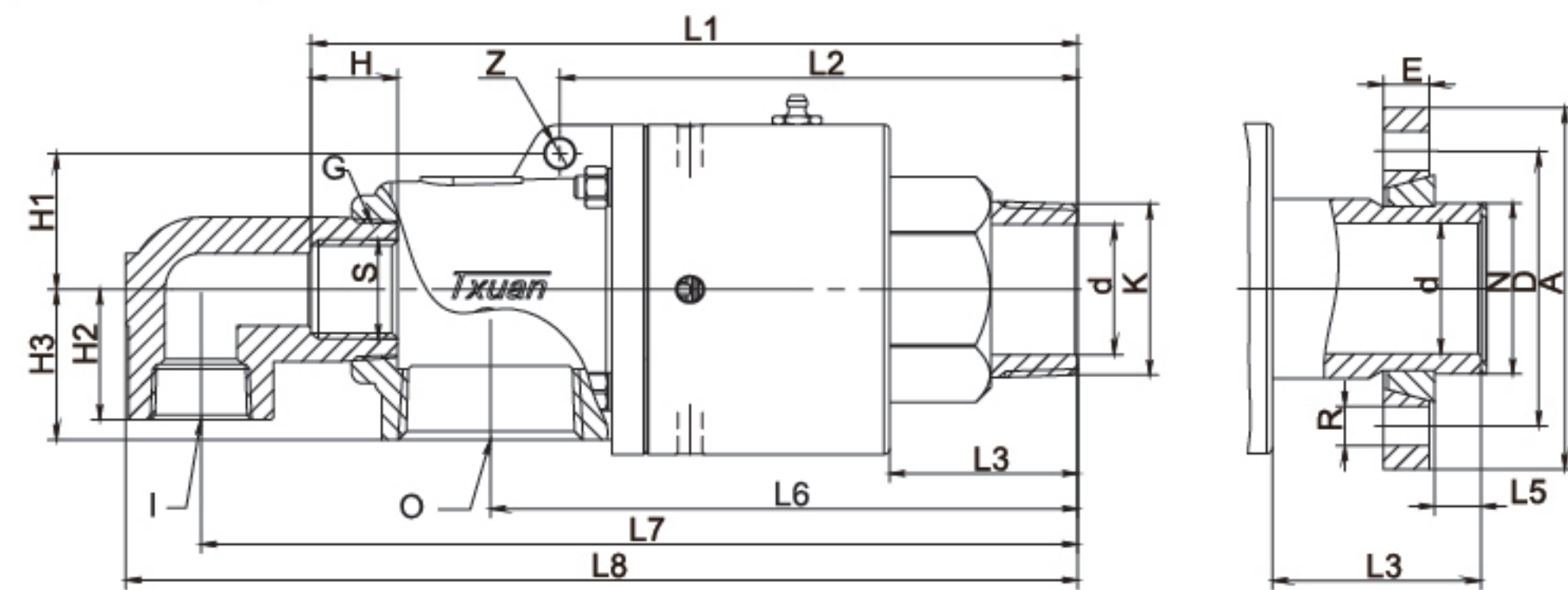
注意：随着介质、口径、压力、转速、温度的不同，使用极限也不同，在特殊条件下，请与腾旋科技公司联系，以确定安全极限。
Note: Maximum limits vary in relation to changes in media, size, rpm, pressure and temperature. Consult Tengxuan for safe limitations under your specific application conditions.



BES010/BHS010 型旋转接头

双通
固定式内管
DUAL FLOW
STATIONARY INTERNAL PIPE

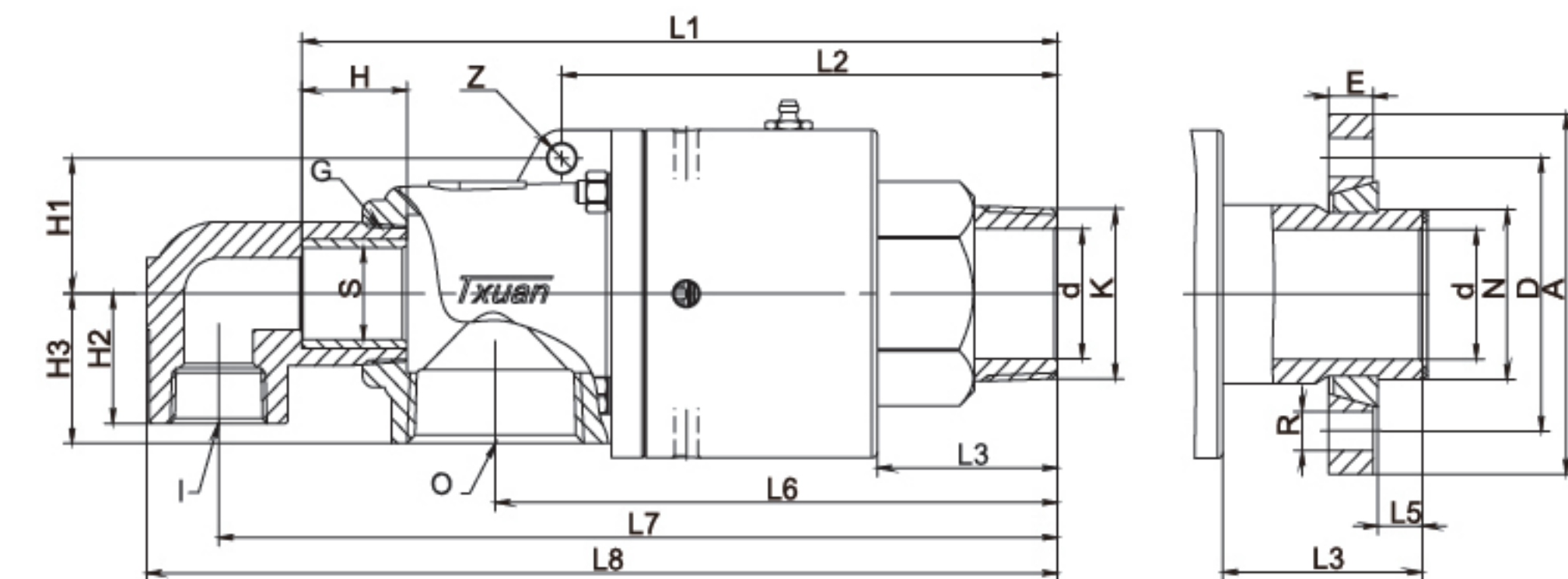
Model	K(BSPT)	O(BSPT)	I(BSPT)	Φd	H	H2	L1	L3	L6	L7	L8	S(BSP)
BES010	3/8"	Rc 3/8"	Rc 1/4"	9	15	22	108	29	88	114	127	G1/16"



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"	Rc 1/2"	Rc 1/2"	/	13	15	/	28	28	134	/	35	108	149	162	G1/8"	Rc 3/8"
BES020	3/4"	Rc 3/4"	Rc 1/2"	/	16	15	/	30	32	155	/	40	125	174	185	G1/4"	Rc 1/2"
BES025	1"	Rc 1"	Rc 1/2"	/	23	18	/	35	35	168	/	44	132	184	198	G3/8"	Rc 3/4"
BES032	1-1/4"	Rc 1-1/4"	Rc 3/4"	/	30	22	/	39	43	205	/	54	161	233	250	G1/2"	Rc 1"
BES040	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"	Rc 1-1/2"	Rc 1"	10	45	28	47	45	52	263	179	65	203	303	320	G1"	Rc 1-1/2"



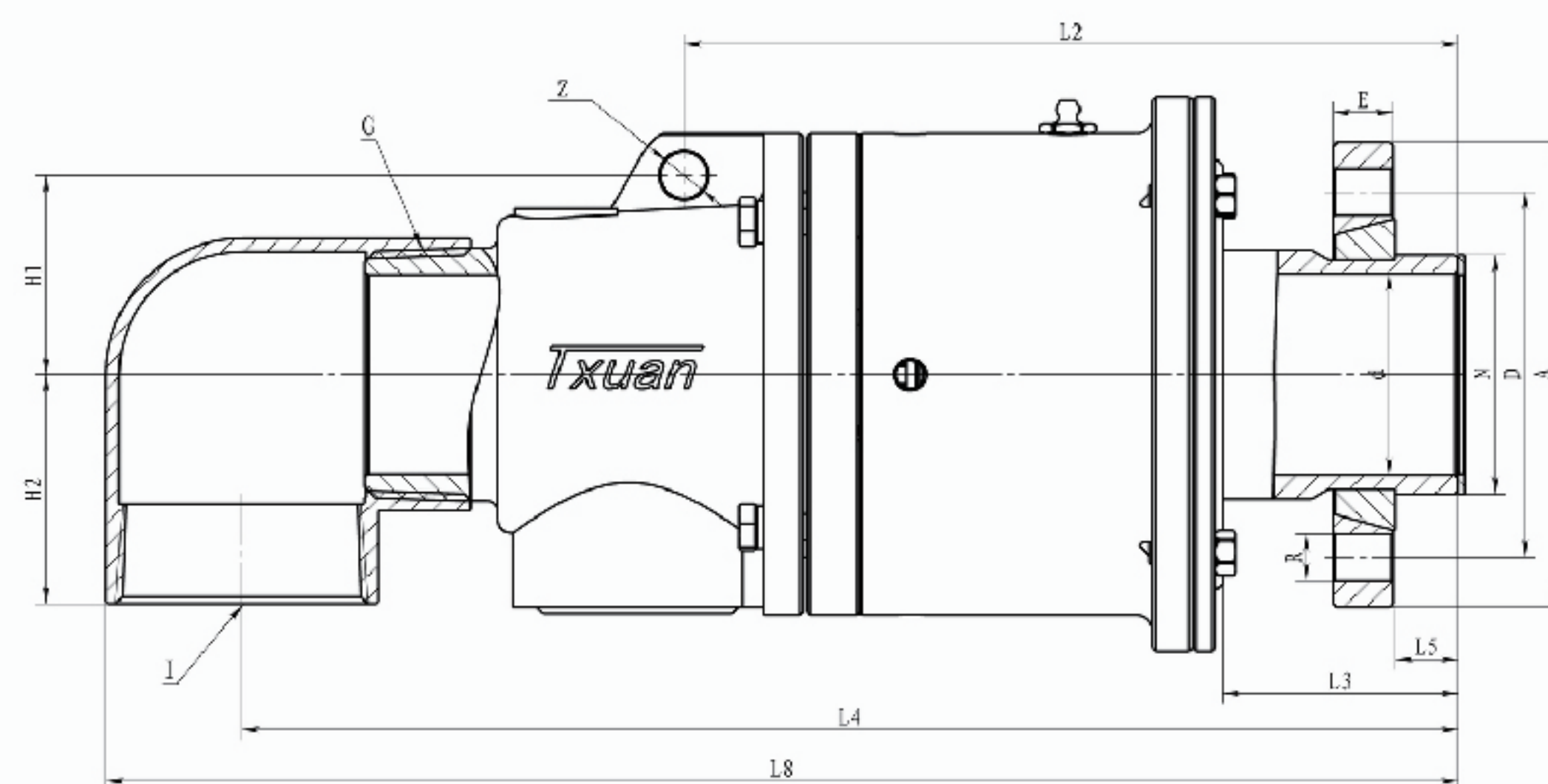
BER/BHR 型旋转接头

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"	Rc 1/2"	Rc 1/2"	/	13	15	/	28	28	134	/	35	108	149	162	10	Rc 3/8"
BER020	3/4"	Rc 3/4"	Rc 1/2"	/	16	15	/	30	32	155	/	40	125	174	185	12	Rc 1/2"
BER025	1"	Rc 1"	Rc 1/2"	/	23	18	/	35	35	168	/	44	132	184	198	16	Rc 3/4"
BER032	1-1/4"	Rc 1-1/4"	Rc 3/4"	/	30	22	/	39	43	205	/	54	161	233	250	20	Rc 1"
BER040	1-1/2"	Rc 1-1/2"	Rc 3/4"	/	36	25	/	38	47	220	/	58	172	247	266	25	Rc 1-1/4"
BER050	2"	Rc 1-1/2"	Rc 1"	10	45	28	47	45	52	263	179	65	203	303	320	32	Rc 1-1/2"

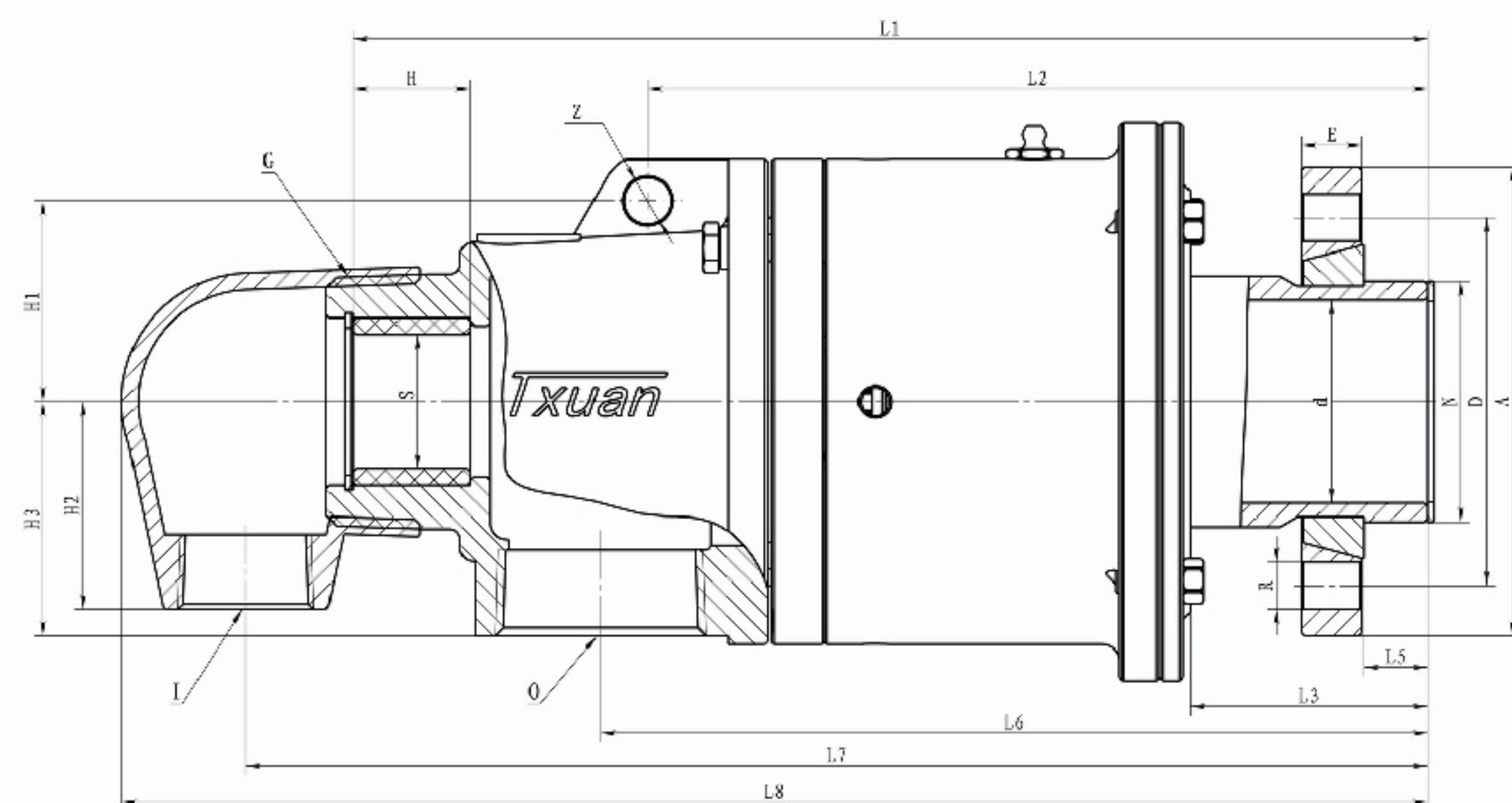
BE Rotary Joints

单通
MONO FLOW



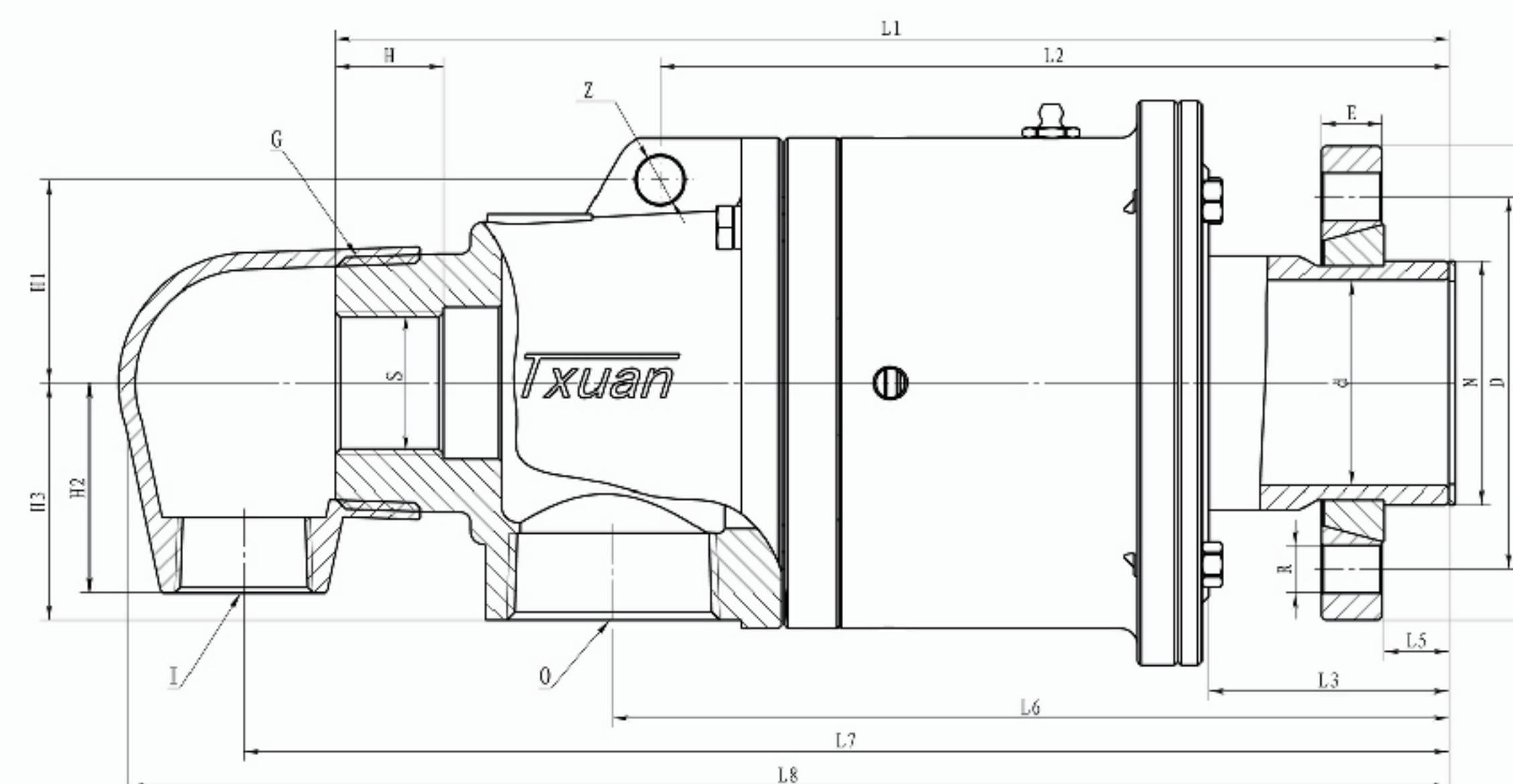
型号	I	Z	d	H1	H2	L2	L3	L4	L5	L8	N	D	A	E	R	G
BEM065Q	Rc2-1/2"	14	60	60	69	233	71	366	19	407	72	110	140	18	4-14	R2-1/2"
BEM080Q	Rc3"	14	74	75	78	299	107	444	25	490	90	130	160	20	6-14	R3"

双通
旋转式内管
DUAL FLOW
ROTARY INTERNAL PIPE



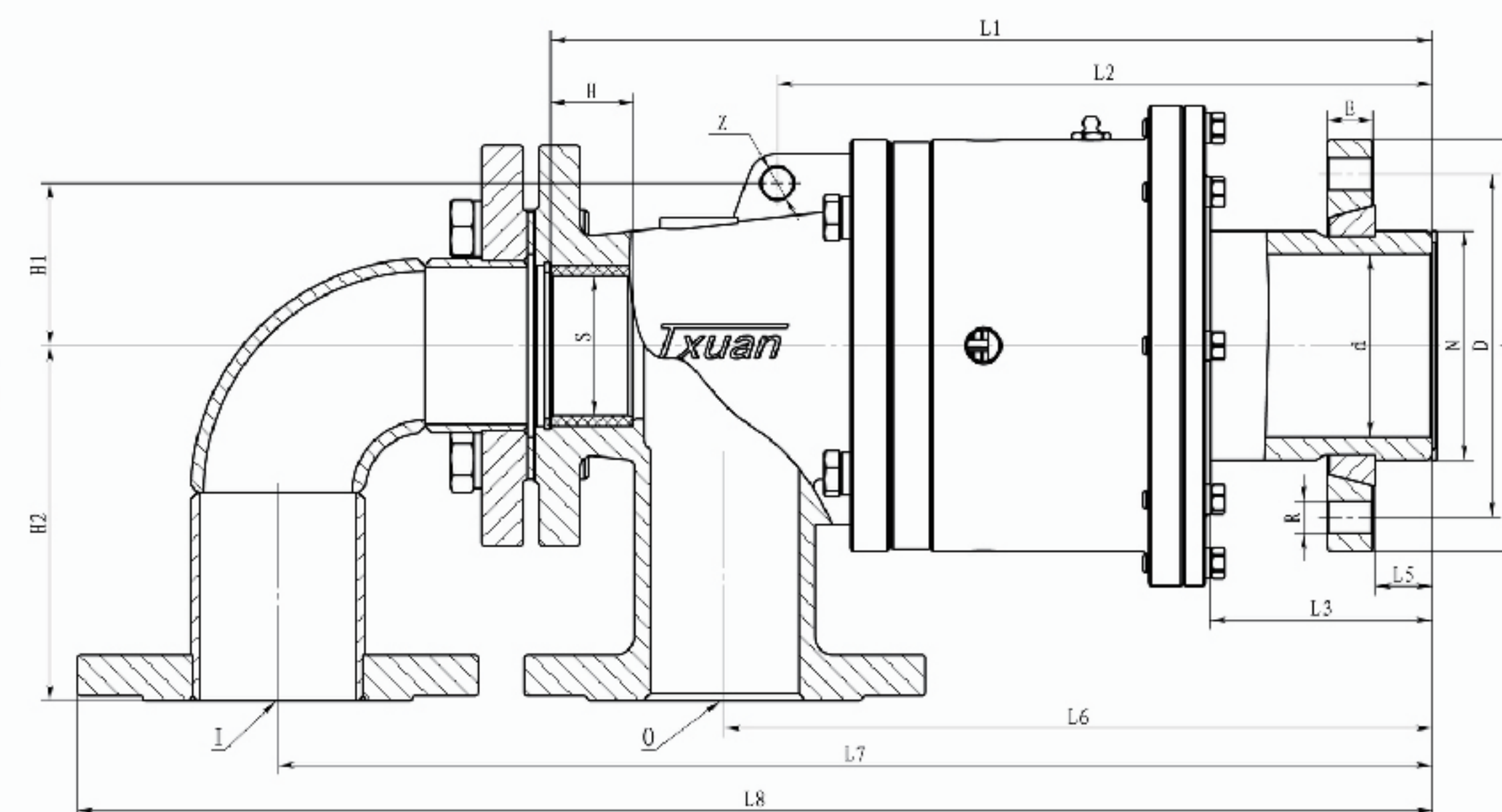
型号	I	O	Z	d	S	H	H1	H2	H3	L1	L2	L3	L5	L6	L7	L8	N	D	A	E	R	G
BER065Q	Rc1-1/4"	Rc2"	14	61	40	35	60	62	70	323	233	71	19	247	353	390	72	110	140	18	4-14	R2-1/2"
BER080Q	Rc2"	Rc2"	14	74	56	40	75	72	85	392	299	107	25	314	425	472	90	130	160	20	6-14	R3"

双通
固定式内管
DUAL FLOW
STATIONARY INTERNAL PIPE



型号	I	O	Z	d	S	H	H1	H2	H3	L1	L2	L3	L5	L6	L7	L8	N	D	A	E	R	G
BES065Q	Rc1-1/4"	Rc2"	14	61	G1-1/4"	32	60	62	70	329	233	71	19	247	353	390	72	110	140	18	4-14	R2-1/2"
BES080Q	Rc2"	Rc2"	14	74	G1-1/2"	40	75	72	85	399	299	107	25	314	425	472	90	130	160	20	6-14	R3"

双通
旋转式内管
DUAL FLOW
ROTARY INTERNAL PIPE



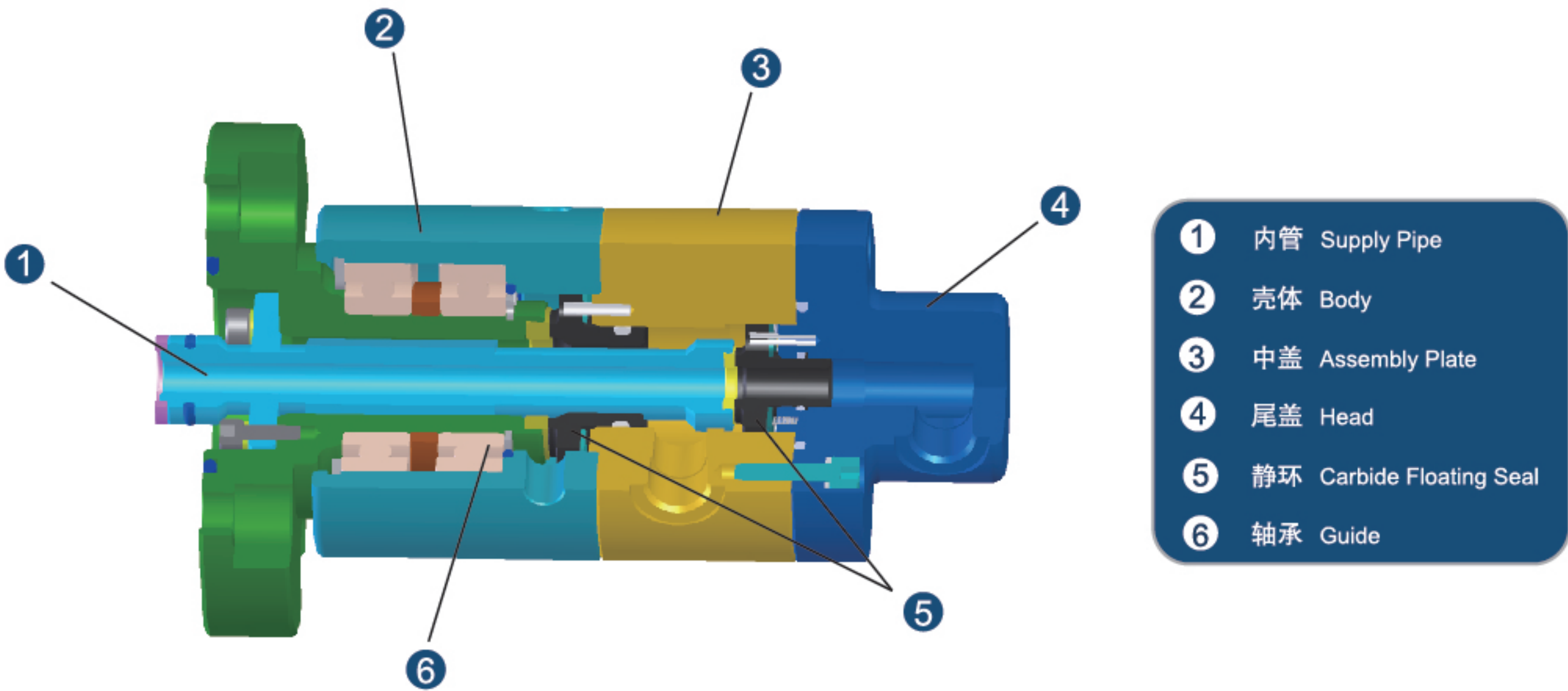
型号	I	O	Z	d	S	H	H1	H2	L1	L2	L3	L5	L6	L7	L8	N	D	A	E	R
BER090Q	DN65PN16	DN65PN16	14	80	61	36	71	155	385	286	97	25	309	504	592	100	150	180	20	8-14
BER100Q	DN65PN16	DN65PN16	14	96	73	36	84	170	411	284	99	25	335	587	675	113	165	200	22	8-16

BEE型旋转接头

BEE Rotary Joints



www.tengxuan.net



最高气压: (Max. Air Pressure)		10 Bar 150 PSI
最高转速: (Max. Speed)	BEER008F BEER010F BEER015F	3500 RPM 1500 RPM 1500 RPM
最高温度: (Max. Temperature)		120 °C 250 °F

注意:
1. 请避免同时高温高速下运行。
2. 技术参数中压力为内通道压力。如需外通道或内外通道同时加压, 请咨询腾旋公司。
3. 通气工况下需定时添加润滑油(3-5滴/每月)。
4. 标准密封组合为C+SIC, 也可根据客户要求选择其它密封组合, 如C+合金。

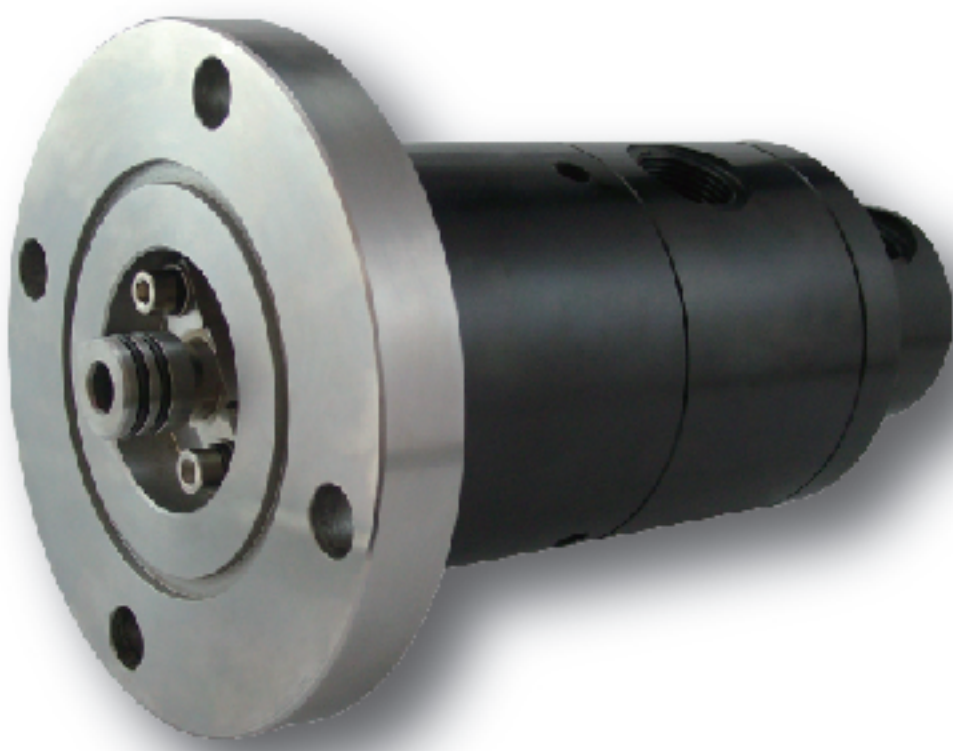
Attention
1. Avoid high temperature and high-speed at the same time.
2. Technical parameters within the channel pressure is the pressure. For outside the channel or channels simultaneously inside and outside pressure, please contact Tengxuan Technology Company.
3. In air media, joints need be lubricated (3-5 drops / month).
4. Standard seal combination is C + SIC, and it can be sealed according to the customer asked to choose other combinations, such as C + alloy.

平衡式密封设计
高精度金属轴承
整体抗震结构
铝合金壳体
不锈钢转子
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
双通路自支撑设计

Springs located outside of flow path
Precision ball bearing design
Suitable for severe conditions
Aluminum body
stainless steel rotor
Ceramic and carbon graphite seal faces
General purpose applications
Long life and good stability
Dual flow and self-supporting

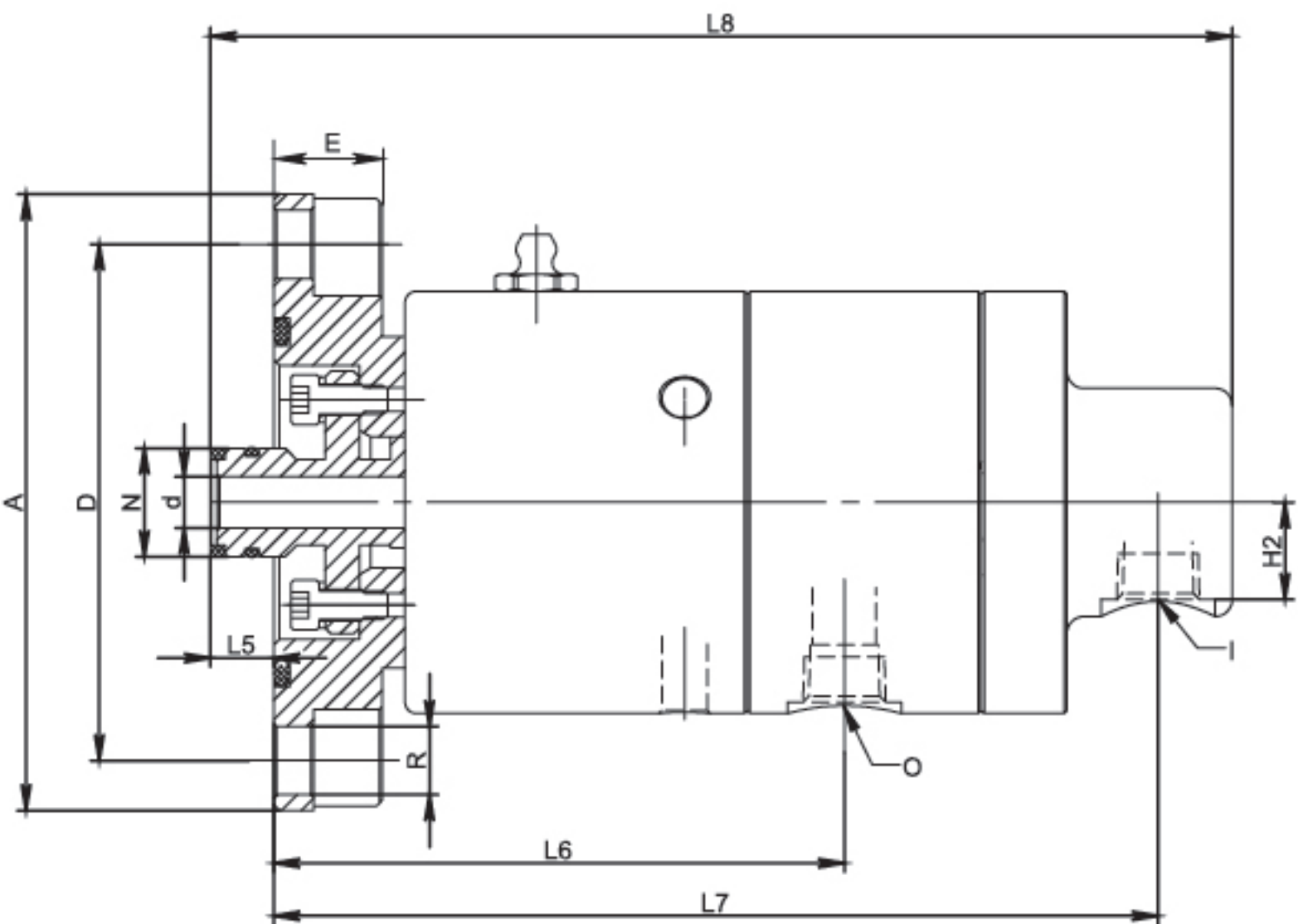
注意: 随着介质、口径、压力、转速、温度的不同, 使用极限也不同, 在特殊条件下, 请与腾旋科技公司联系, 以确定安全极限。
Note: Maximum limits vary in relation to changes in media, size, rpm, pressure and temperature. Consult Tengxuan for safe limitations under your specific application conditions.

橡塑成型机专用旋转接头



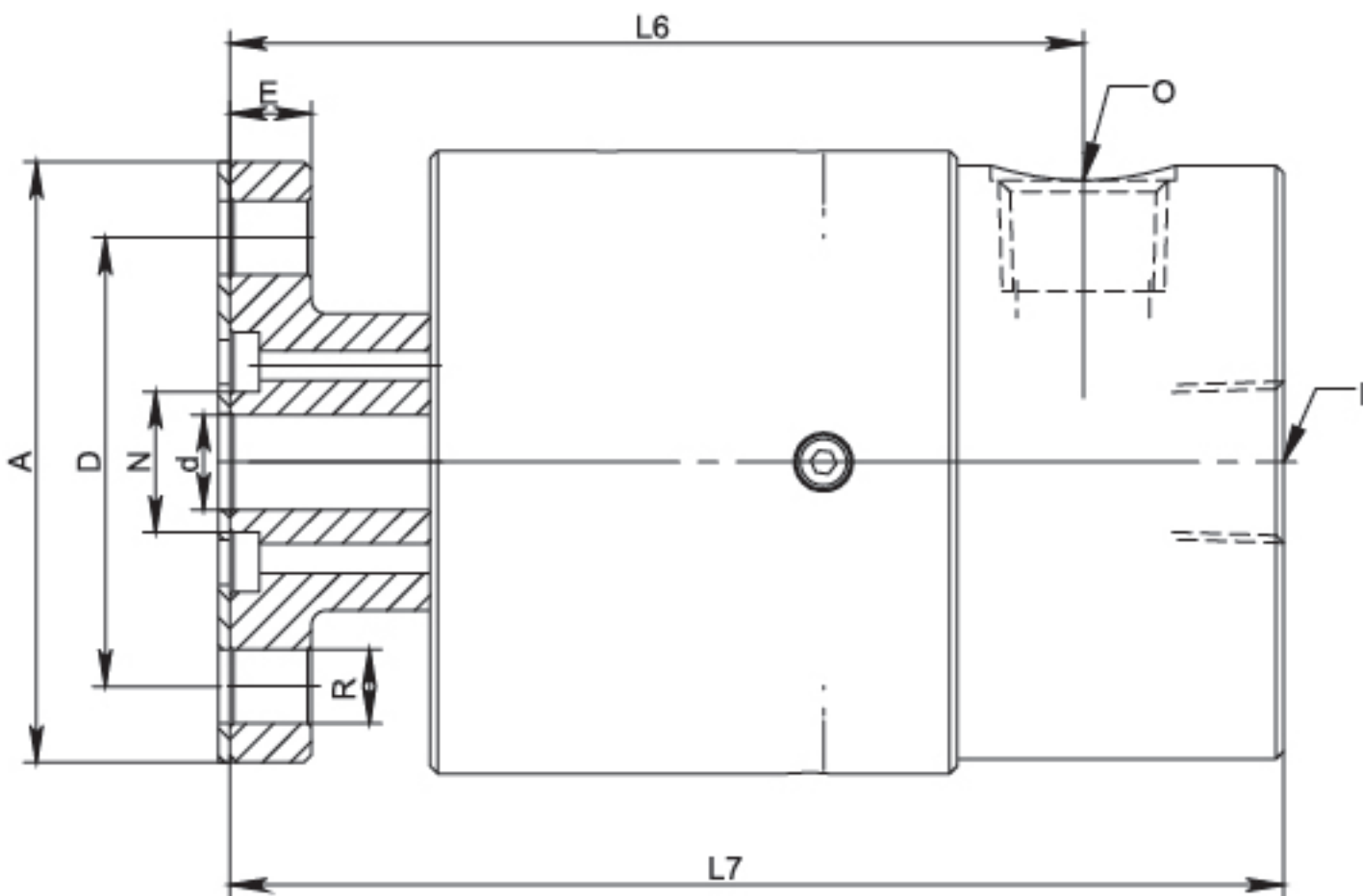
BEER008F
型旋转接头

双通
DUAL FLOW



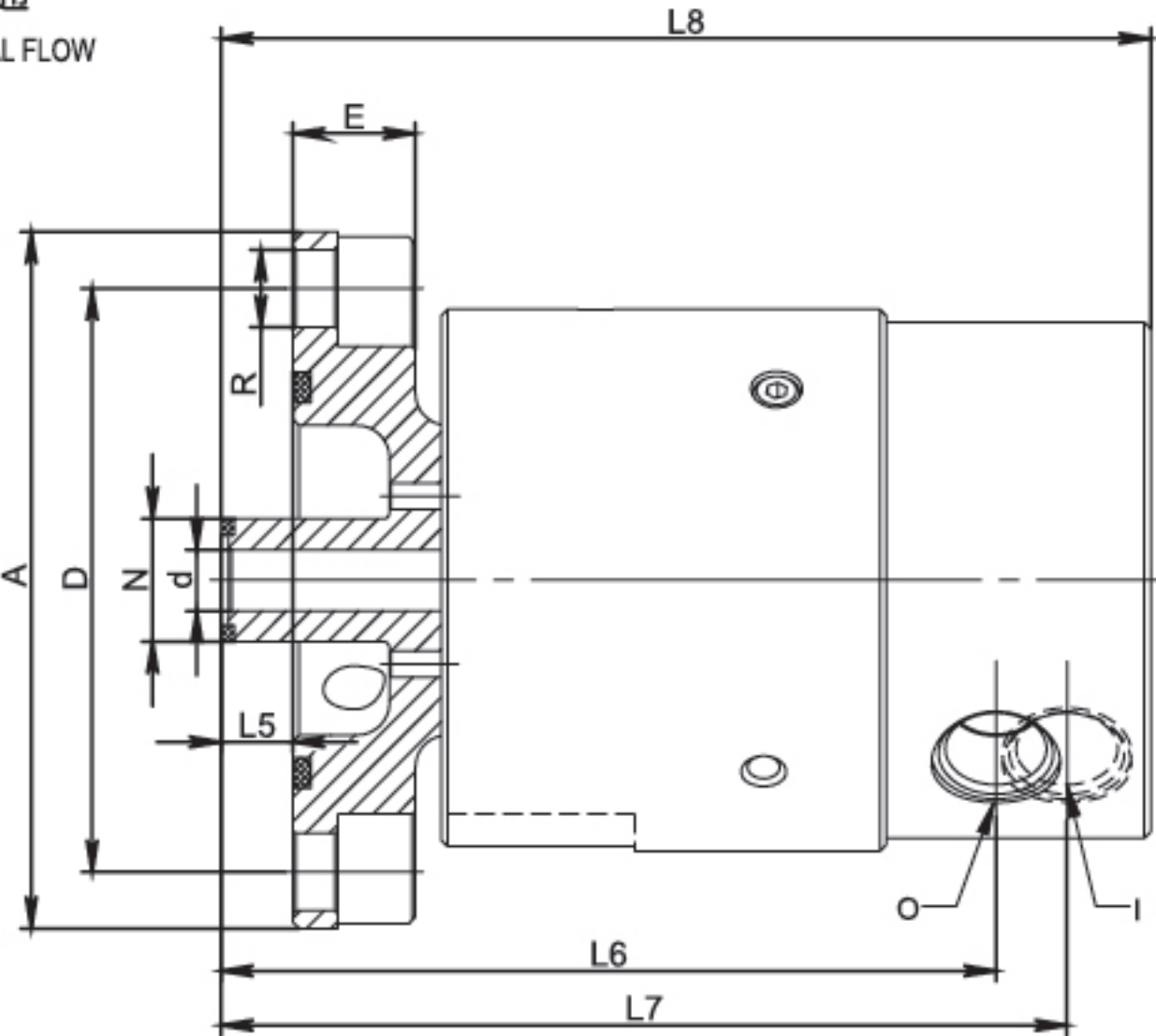
BEER015F
型旋转接头

双通
DUAL FLOW



BEER010F
型旋转接头

双通
DUAL FLOW



Model	ΦA	ΦD	ΦN	Φd	E	R	L5	L6	L7	L8	O(BSPT)	I(BSPT)
BEER008F 1/4"	107.95	90.5	19h6	9	19	4-Φ12	11.1	100	155	179	Rc1/4	Rc1/4
BEER010F 3/8"	107.95	90.5	19h6	9.5	19	4-Φ12	11.1	109	120	144	Rc3/8	Rc3/8
BEER015F 1/2"	81	60.5	19h6	12.8	11	4-Φ12	/	115	142	/	Rc1/2	Rc1/2

BWL 型高温导热油旋转接头

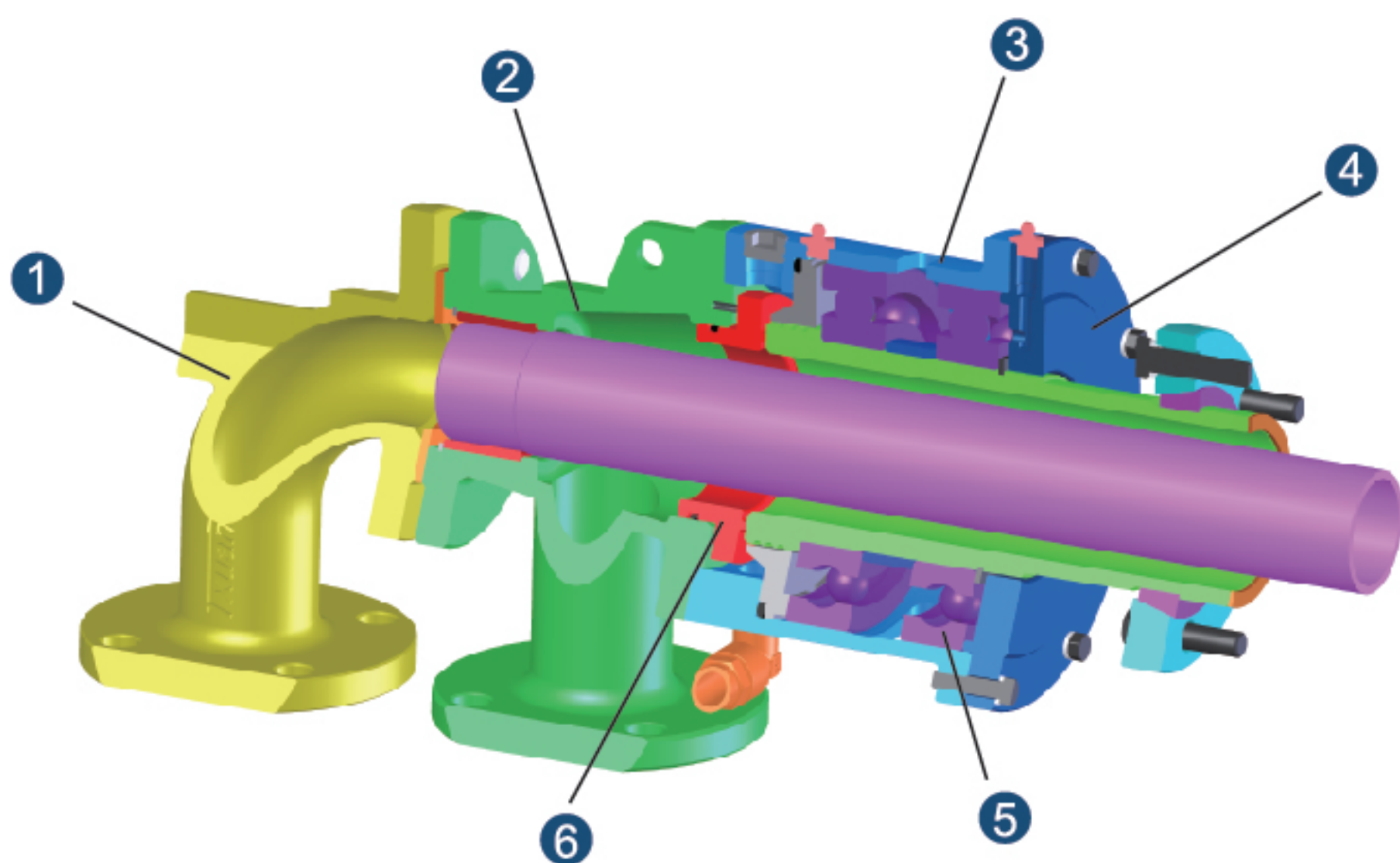
BWL Rotary Joints

BQ 型高温导热油旋转接头

BQ Rotary Joints

Txuan

www.tengxuan.net

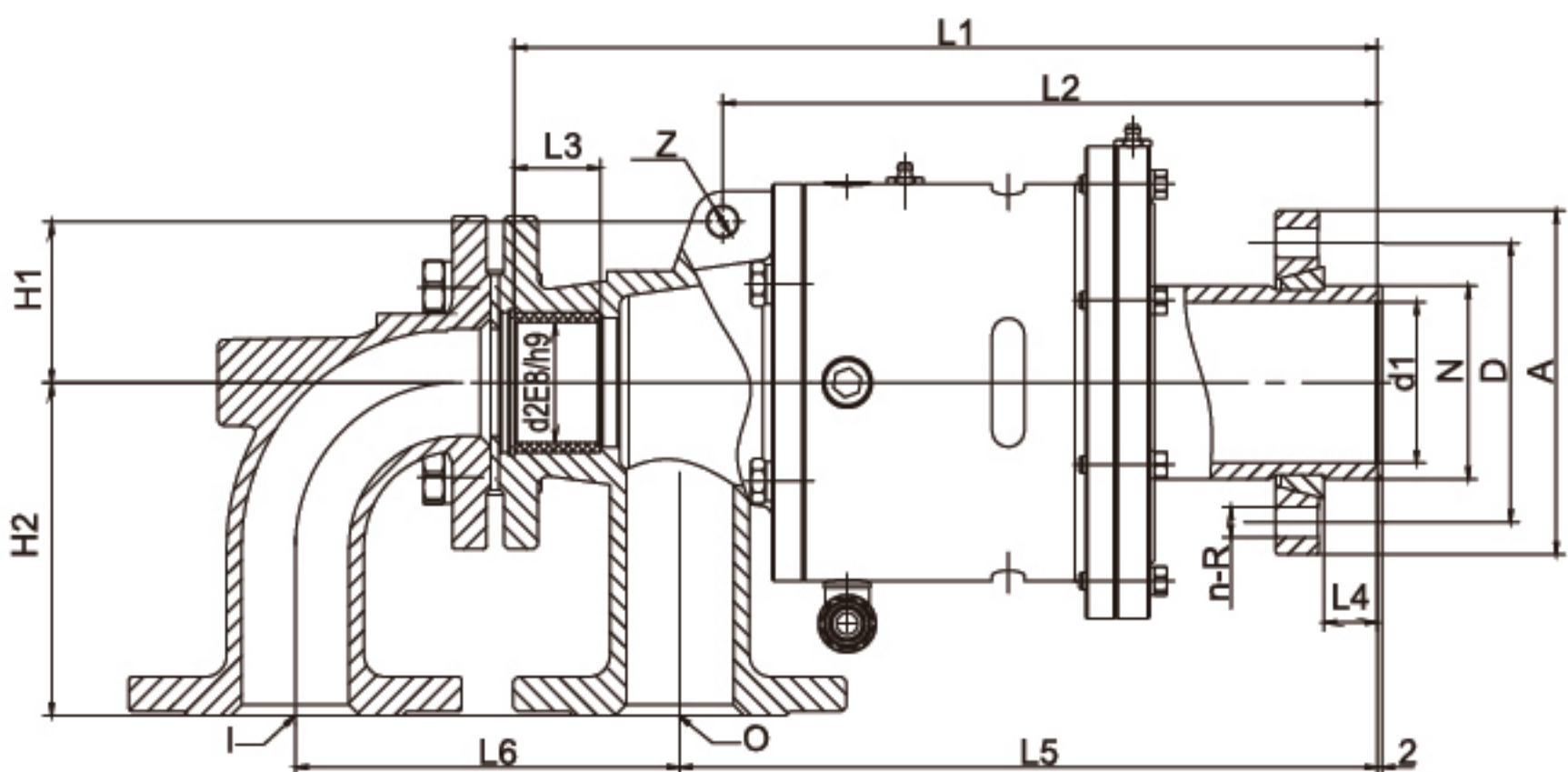


- 1 弯头 Elbow
- 2 中盖 Assembly Plate
- 3 壳体 Body
- 4 端盖 Wear plate
- 5 轴承 Guide
- 6 静环 Carbide Floating Seal

最高气压: (Max. Pressure)	10 Bar 150 PSI
最高转速: (Max. Speed)	BWL 350 RPM
最高温度: (Max. Temperature)	BWL 195 °C 383 °F
适用介质: (Media)	导热油 Hot oil

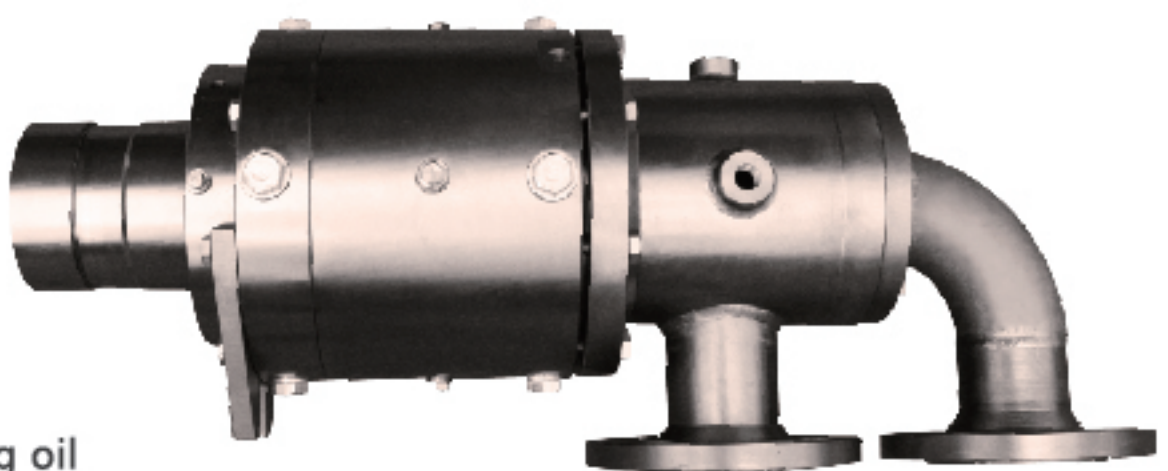
平衡式密封设计
高精度金属轴承
整体抗震结构
多种密封组合适应不同工况
长寿命、高可靠性
双通路自支撑设计

Springs located outside of flow path
Precision ball bearing design
Suitable for severe conditions
General purpose applications
Long life and good stability
Dual flow and self-supporting



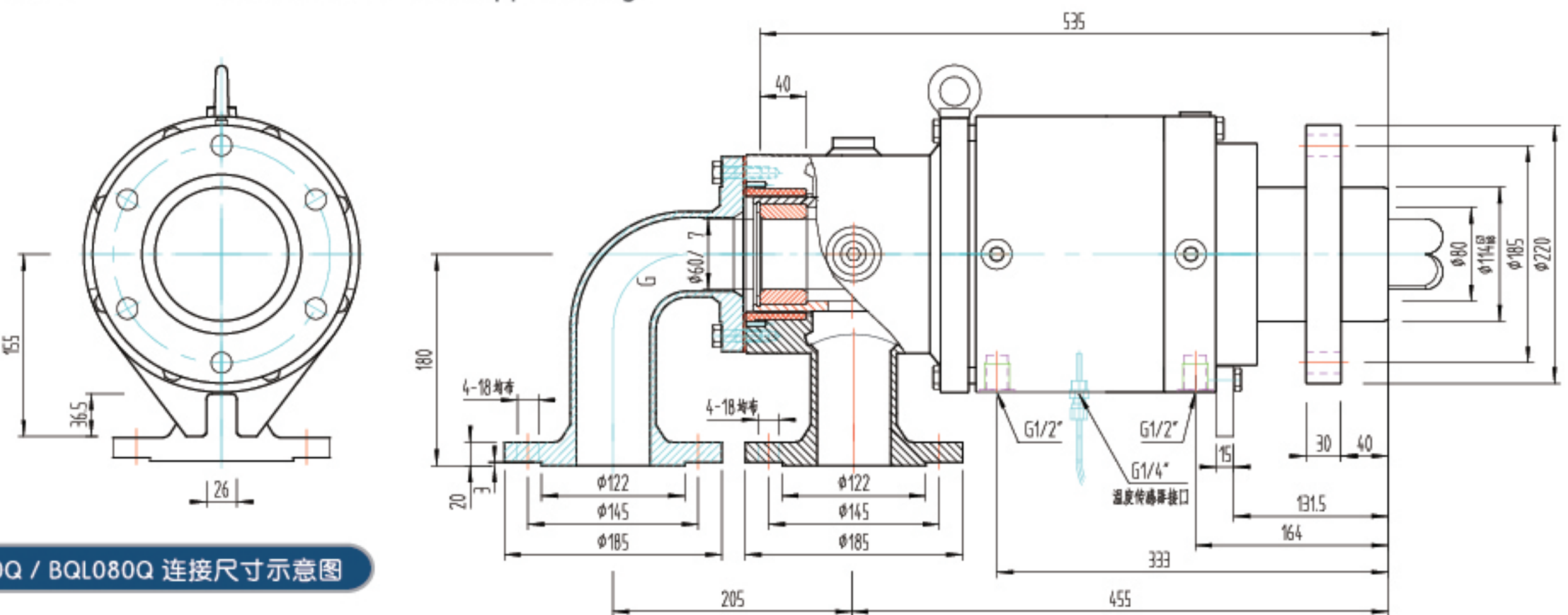
BWL
型旋转接头
双通
旋转式内管
DUAL FLOW
ROTARY INTERNAL PIPE

Model	I(BSPT)	O(BSPT)	ΦA	ΦD	ΦN	Φd1	Φd2	L1	L2	L3	L4	L5	L6	n-R	Z	H1	H2
BWL025 1"	Rc1/2"	Rc3/4"	90	65	32.3	23	16	210	55	25	11	170	50	4-Φ12	2-M8	75	35
BWL032 1-1/4"	Rc3/4"	Rc1-1/4"	100	75	41	32	20	250	70	30	13	200	70	4-Φ14	2-M8	90	43
BWL040 1-1/2"	Rc3/4"	Rc1-1/4"	115	85	47.5	36	25	265	75	33	16	210	75	4-Φ14	2-M8	100	47
BWL050 2"	DN32PN16	DN32PN16	125	95	59	45	32	290	215	35	16	230	145	4-Φ14	Φ10	47	120
BWL065 2-1/2"	DN40PN16	DN40PN16	140	110	72	60	40	332	240	35	19	262	165	4-Φ14	Φ14	60	135
BWL080 3"	DN50PN16	DN50PN16	160	130	90	75	56	400	305	40	25	325	180	6-Φ14	Φ14	75	155
BWL090 3-1/2"	DN65PN16	DN65PN16	180	150	100	84	61	377	277	36	25	300	195	8-Φ14	Φ14	71	155
BWL100 4"	DN65PN16	DN65PN16	200	160	120	96	73	405	282	36	25	332	195	8-Φ18	Φ14	82	155
BWL125 5"	DN80PN16	DN80PN16	230	190	150	123	94	475	325	36	30	390	220	8-Φ18	Φ16	100	190
BWL150 6"	DN100PN16	DN100PN16	250	210	170	146	109	525	368	38	45	430	250	8-Φ18	Φ20	110	210



外接冷却系统 耐温更高
平衡式密封设计
耐高温轴承配合循环油润滑
外管隔热设计以降低轴承温度
长寿命 高可靠性
双通路自支撑设计

Integrated a cooling union to withstand high temperature
Balanced mechanical seal design
High temperature durable bearings cooled by circulated cooling oil
Heat insulation design to help reduce temperature of bearings
Long service life and high reliability
Dual-flow and self-support design



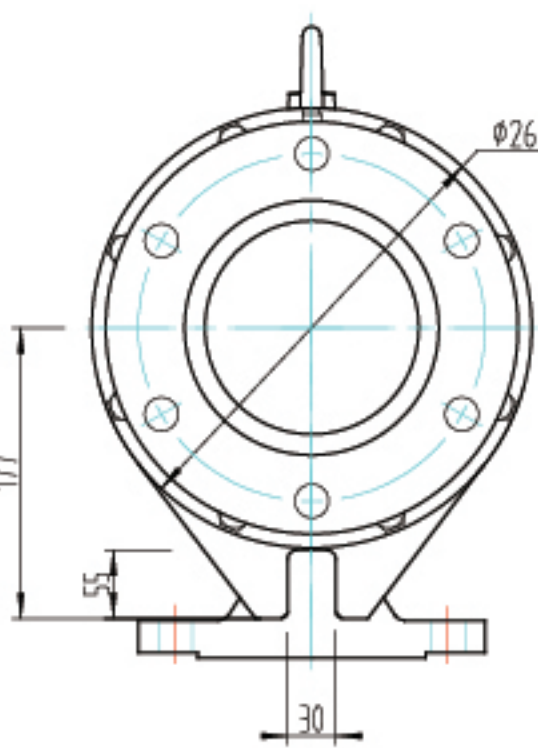
BQ080Q / BQL080Q 连接尺寸示意图

BQL080Q

最高转速: Max. Speed	650 RPM	最高温度: Max. Temperature	250°C / 482°F
最大压力: Max. Pressure	10 bar / 145 psi	适用介质: Media	导热油 Hot Oil

BQ080Q

最高转速: Max. Speed	1250 RPM	最高温度: Max. Temperature	300°C / 572°F
最大压力: Max. Pressure	10 bar / 145 psi	适用介质: Media	导热油 Hot Oil



BQ100Q / BQL100Q 连接尺寸示意图

BQL100Q

最高转速: Max. Speed	550 RPM	最高温度: Max. Temperature	250°C / 482°F
最大压力: Max. Pressure	10 bar / 145 psi	适用介质: Media	导热油 Hot Oil

BQ100Q

最高转速: Max. Speed	1000 RPM	最高温度: Max. Temperature	300°C / 572°F
最大压力: Max. Pressure	10 bar / 145 psi	适用介质: Media	导热油 Hot Oil

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, rpm, pressure and temperature. Consult Tengxuan for safe limitations under your specific application conditions.