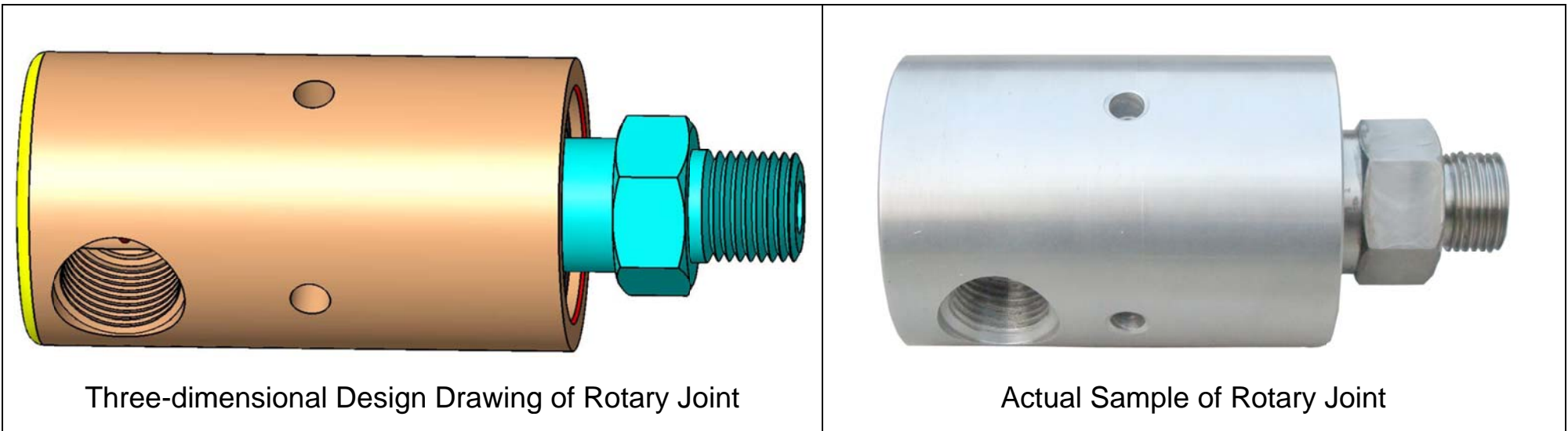


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Leader of rotary joint industry, benchmarking enterprise of rotary joint industry

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Installation introductions and usage of rotary joint



Selection for rotary joint

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No.	Rotary Joint Catalogue (PDF)	Max. T	Max. P	Max. n	Flow media	Note
	PDF file	℃	Bar	RPM		
1	Type A rotary joint (PDF)	100	400	10000	water, oil, coolant.	Single flow.
2	Type HSP rotary joint (PDF)	100	400	10000	Oil, hydraulic oil.	Single flow.
3	Type AP rotary joint (PDF)	100	160	3000	Oil, hydraulic oil.	Single flow.
4	Type HSM rotary joint (PDF)	100	70	12000	water, oil, coolant.	Single flow.
5	Type HSE rotary joint (PDF)	100	70	10000	water, oil, coolant.	Single flow.

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No.	Rotary Joint Catalogue (PDF)	Max. T	Max. P	Max. n	Flow media	Note
	PDF file	°C	Bar	RPM		
1	Type R rotary joint (PDF)	100	400	100	oil, water, air.	Single flow
2	Type Y1 rotary joint (PDF)	100	400	200	oil, water, air.	Single flow, Y joint
3	Type Y1 cleaning rotary joint	100	400	200	oil, water, air.	Single flow, Y joint
4	Type TF rotary joint (PDF)	100	400	100	oil, water, air.	Single flow
5	Type F rotary joint (PDF)	100	100	50	oil, water, air.	Single flow
6	Type TFY rotary joint (PDF)	100	100	50	oil, water, air.	
7	Type NJ rotary joint (PDF)	100	100	50	oil, water, air, mud.	Single flow, mud joint.

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No.	Rotary Joint Catalogue (PDF)	Max. T	Max. P	Max. n	Flow media	Note
	PDF file	°C	Bar	RPM		
1	Type ODF rotary joint (PDF)	100	70	300	Oil, hydraulic oil.	Dual flow.
2	Type ZP rotary joint (PDF)	100	40	3000	oil, water, coolant.	Dual flow.
3	Type GAT rotary joint (PDF)	100	320	5000	oil, water, coolant.	Dual flow.

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Dual flow、 high speed low pressure、 Rotary Joint Catalogue (Click on every row.)

No.	Rotary Joint Catalogue (PDF)	Max. T	Max. P	Max. n	Flow media	Note
	PDF file	℃	Bar	RPM		
1	Type ADF rotary joint (PDF)	100	10	1500	air, gas.	Dual flow
2	Type Z rotary joint (PDF)	100	10	1500	air, gas.	Dual flow
3	Type ZA rotary joint (PDF)	100	10	1500	air, gas.	Dual flow
4	Type ZB rotary joint (PDF)	100	70	1500	air, gas, oil, water.	Dual flow

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No.	Rotary Joint Catalogue (PDF)	Max. T	Max. P	Max. n	Flow media	Note
	PDF file	℃	Bar	RPM		
1	Type Y2 rotary joint (PDF)	100	400	200	oil, gas, water.	Dual flow.
2	Type SY2 rotary joint (PDF)	100	400	200	oil, gas, water.	Dual flow.
3	Type YSG rotary joint (PDF)	100	200	100	oil, gas, water.	Dual flow.
4	Type YSX rotary joint (PDF)	100	200	100	oil, gas, water.	Dual flow.
5	Type T rotary joint (PDF)	100	100	100	oil, gas, water.	Dual flow.
6	Type W rotary joint (PDF)	100	100	50	oil, gas, water.	Dual flow.
7	Type WE rotary joint (PDF)	100	100	50	oil, gas, water.	Dual flow

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No.	Rotary Joint Catalogue (PDF)	Max. T	Max. P	Max. n	Flow media	Note
	PDF file	°C	Bar	RPM		
1	Type ATF rotary joint (PDF)	100	10	1500	Air, gas.	Three-way flow.
2	Type Y3 rotary joint (PDF)	100	400	200	Oil, water, gas.	Three-way flow.
3	Type ZC rotary joint (PDF)	100	10	1500	Air, gas.	Three-way flow.
4	Type ZD rotary joint (PDF)	100	70	1500	Gas, water, oil.	Three-way flow.

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four-way flow、Rotary Joint Catalogue (Click on every row.)

No.	Rotary Joint Catalogue (PDF)	Max. T	Max. P	Max. n	Flow media	Note
	PDF file	°C	Bar	RPM		
1	Type Y4 rotary joint (PDF)	100	400	200	oil, gas, water.	Four-way flow.
2	Type Y4 research rotary joint (PDF)	100	400	200	oil, gas, water.	Four-way flow.
3	Type SM4 rotary joint (PDF)	100	16	1000	Air, gas, water, oil.	Four-way flow.

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Multiple passage flow、Rotary Joint Catalogue (Click on every row.)

No.	Rotary Joint Catalogue (PDF)	Max. T	Max. P	Max. n	Flow media	Note
	PDF file	°C	Bar	RPM		
1	Type Y5 rotary joint (PDF)	100	400	200	oil, water, gas.	five-way flow.
2	Type Y6 rotary joint (PDF)	100	400	200	oil, water, gas.	six-way flow.
3	Type Y7 rotary joint (PDF)	100	400	200	oil, water, gas.	seven-way flow.
4	Type Y8 rotary joint (PDF)	100	400	200	oil, water, gas.	eight-way flow.
5	Type Y9 rotary joint (PDF)	100	400	200	oil, water, gas.	nine-way flow.
6	Type Y10 rotary joint (PDF)	100	400	200	oil, water, gas.	ten-way flow.
7	Type Y11 rotary joint (PDF)	100	400	200	oil, water, gas.	eleven-way flow.
8	Type Y12 rotary joint (PDF)	100	400	200	oil, water, gas.	twelve-way flow.
9	Type Y16 rotary joint (PDF)	100	400	200	oil, water, gas.	sixteen-way flow.

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No.	Rotary Joint Catalogue (PDF)	Max. T	Max. P	Max. n	Flow media	Note
	PDF file	°C	Bar	RPM		
1	Type P rotary joint (PDF)	238	16	500	Steam, condensate	
2	Type Q rotary joint (PDF)	200	16	100	Steam, condensate	
3	Type NQ rotary joint (PDF)	200	16	100	Steam, condensate	
4	Type QY rotary joint (PDF)	200	16	100	Steam, condensate	
5	Type EQ rotary joint (PDF)	200	16	200	Steam, condensate	
6	Type TNQ rotary joint (PDF)	260	16	200	Steam, condensate, hot oil.	
7	Type S rotary joint (PDF)	200	20	100	Steam, condensate, hot oil.	
8	Type CQ rotary joint (PDF)	200	16	100	Steam, condensate.	
9	Type WQ rotary joint (PDF)	200	16	100	Steam, condensate	

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No.	Rotary Joint Catalogue (PDF)	Max. T	Max. P	Max. n	Flow media	Note
	PDF file	°C	Bar	RPM		
10	Type DQ rotary joint (PDF)	200	16	100	Steam, condensate	
11	Type LN rotary joint (PDF)	200	35	500	Steam, condensate, hot oil.	
12	Type LJ rotary joint (PDF)	200	35	500	Steam, condensate, hot oil.	
13	Type LJT rotary joint (PDF)	200	35	500	Steam, condensate, hot oil.	Single flow.
14	Type E rotary joint (PDF)	350	35	500	Steam, condensate, hot oil.	
15	Type D rotary joint (PDF)	200	10	1000	water	

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hot oil for high temperature、Rotary Joint Catalogue (Click on every row.)

No.	Rotary Joint Catalogue (PDF)	Max. T	Max. P	Max. n	Flow media	Note
	PDF file	°C	Bar	RPM		
1	Type QR rotary joint (PDF)	260	16	200	Hot oil.	
2	Type TNQ rotary joint (PDF)	260	16	200	Hot oil, steam, hot water.	
3	Type TD rotary joint (PDF)	260	10	100	Hot oil.	
4	Type MQ rotary joint (PDF)	350	16	200	Hot oil.	
5	Type UD rotary joint (PDF)	260	10	1000	Hot oil,	
6	Type G rotary joint (PDF)	260	20	200	Hot oil	
7	Type LN rotary joint (PDF)	360	16	1000	Hot oil.	
8	Type LJ rotary joint (PDF)	260	16	1000	Hot oil,	
9	Type LJT rotary joint (PDF)	260	26	1000	Hot oil	

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Flow water、high speed、Rotary Joint Catalogue (Click on every row.)

No.	Rotary Joint Catalogue (PDF)	Max. T	Max. P	Max. n	Flow media	Note
	PDF file	°C	Bar	RPM		
1	Type AK rotary joint (PDF)	200	16	4000	Water, gas, oil, vacuum.	
2	Type K rotary joint (PDF)	200	70	4000	Water, oil, liquid.	
3	Type HK rotary joint (PDF)	100	35	1500	Water, gas, oil, vacuum.	
4	Type WD rotary joint (PDF)	100	35	1000	Water, gas, oil, vacuum.	

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Steel industry、Products Catalogue (Click on every row.)

No.	Rotary Joint Catalogue (PDF)	Max. T	Max. P	Max. n	Flow media	Note
	PDF file	℃	Bar	RPM		
1	Type B rotary joint (PDF)	150	16	100	Water, hot water.	
2	Type C rotary joint (PDF)	150	16	100	Water, hot water.	
3	Type M rotary joint (PDF)	150	16	100	Water, hot water.	
4	Type DXJ rotary joint (PDF)	150	16	100	Water, hot water, gas.	Single flow.
5	Type FXJ rotary joint (PDF)	150	16	100	Water, hot water, gas.	Dual folw.
6	Type CQ rotary joint (PDF)	200	16	100	Water, steam, gas.	
7	Type ODF rotary joint (PDF)	100	70	300	Oil, hydraulic oil.	Dual flow.
8	Seal steel ring (PDF)	600	16	1000	Gas, air, water.	

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No.	Rotary Joint Catalogue (PDF)	Max. T	Max. P	Max. n	Flow media	Note
	PDF file	°C	Bar	RPM		
1	Type H rotary joint (PDF)	100	10	1000	Water, oil, gas, vacuum.	
2	Type LH rotary joint (PDF)	100	16	1000	Water, oil, gas.	
3	Type EH rotary joint (PDF)	100	16	200	Water, oil, gas, vacuum.	Dual flow.
4	Type HK rotary joint (PDF)	100	35	1500	Water, oil, gas, vacuum.	
5	Type WD rotary joint (PDF)	100	35	1000	Water, oil, gas, vacuum.	
6	Type WR rotary joint (PDF)	100	40	100	Water, oil, gas, vacuum.	
7	Type WH rotary joint (PDF)	100	10	1000	Water, oil, gas, vacuum.	
8	Type T rotary joint (PDF)	100	100	100	Water, oil, gas, vacuum.	
9	Type W rotary joint (PDF)	100	100	50	Water, oil, gas, vacuum.	Dual flow.

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No.	Rotary Joint Catalogue (PDF)	Max. T	Max. P	Max. n	Flow media	Note
	PDF file	°C	Bar	RPM		
10	Type WE rotary joint (PDF)	100	100	50	Water, oil, gas, vacuum.	Dual flow.
11	Type AK rotary joint (PDF)	200	16	4000	Water, oil, gas, vacuum.	
12	Type K rotary joint (PDF)	200	70	4000	Water, oil.	
13	Type CQ rotary joint (PDF)	200	16	100	Water, oil, gas, Vacuum.	
14	Type HSM rotary joint (PDF)	100	70	12000	Oil, water, coolant.	Single flow
15	Type A rotary joint (PDF)	100	400	10000	Oil, water, coolant.	Single flow

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Type OTS (Over-The-Shaft) 、 Rotary Joint Catalogue (Click on every row.)

No.	Rotary Joint Catalogue (PDF)	Max. T	Max. P	Max. n	Flow media	Note
	PDF file	°C	Bar	RPM		
1	Type OTS rotary joint (PDF)	150	400	100	water, oil, gas.	Over-The-Shaft.
2	Type SY rotary joint (PDF)	100	400	200	water, oil, gas.	Over-The-Shaft
3	Type SY1 rotary joint (PDF)	100	400	200	water, oil, gas.	Single flow.
4	Type SY2 rotary joint (PDF)	100	400	200	water, oil, gas.	Single flow.
5	Type SM rotary joint (PDF)	100	16	1000	water, oil, gas.	Over-The-Shaft
6	Type SM1 rotary joint (PDF)	100	16	1000	water, oil, gas.	Single flow.
7	Type SM2 rotary joint (PDF)	100	16	1000	water, oil, gas.	Single flow.
8	Type SM3 rotary joint (PDF)	100	16	1000	water, oil, gas.	Three-way flow.
9	Type SM4 rotary joint (PDF)	100	16	1000	water, oil, gas.	four-way flow.

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No.	Rotary Joint Catalogue (PDF)	Max. T	Max. P	Max. n	Flow media	Note
	PDF file	℃	Bar	RPM		
1	Type CQ rotary joint (PDF)	200	16	100	water, oil, steam.	
2	Type WQ rotary joint (PDF)	200	16	100	water, oil, steam.	

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No.	Product Catalogue (PDF)	Download path in our web.	Note
	PDF file		
1	Type NL Syphon (PDF)	Type NL Syphon	Syphon System
2	Type SL Syphon (PDF)	Type SL Syphon	Syphon System
3	Type OJS Syphon (PDF)	Type OJS Syphon	Syphon System
4	Type IJS Syphon (PDF)	Type IJS Syphon	Syphon System
5	Type RS Syphon (PDF)	Type RS Syphon	Syphon System
6	Type CSS Syphon (PDF)	Type CSS Syphon	Syphon System
7	Syphon Catalogue (PDF)	Syphon System	Syphon System

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No.	Product Catalogue (PDF)	Download path in our web.	Note
	PDF file		
8	Parallel Syphon System (PDF)	Parallel Syphon System	Syphon System
9	Cascade Syphon System (PDF)	Cascade Syphon System	Syphon System
10	Circular Syphon System (PDF)	Circular Syphon System	Syphon System
11	Syphon System Catalogue (PDF)	Syphon System	Syphon System
12	Thermocompressor Catalogue (PDF)	Circular Syphon System	Circular Syphon System
13	Metal hose Catalogue (PDF)	Metal hose	Syphon System accessory
14	Turbulator bars Catalogue (PDF)	Turbulator bars	Syphon System accessory

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No.	Rotary Joint Catalogue (PDF)	Download path in our web.		Note
	PDF files			
1	Rotary Joint Catalogue (PDF)	rotary joint	Type NQ rotary joint	Rotary Joint
2	Steam Rotary Joint Catalogue (PDF)	Type Q rotary joint	Type P rotary joint	Steam Rotary Joint
3	water Rotary Joint Catalogue (PDF)	Type H rotary joint	Type HK rotary joint	water Rotary Joint
4	High pressure Rotary Joint Catalogue (PDF)	Type R rotary joint	Type Y2 rotary joint	High pressure Rotary Joint
5	High speed Rotary Joint Catalogue (PDF)	Type HSM rotary joint	Type AK rotary joint	High speed Rotary Joint
6	High temperature Rotary Joint Catalogue (PDF)	Type MQ rotary joint	Type QR rotary joint	High temperature Rotary Joint

Products Mechanical Seal Catalogue of Tengzhou Freed

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Mechanical Seal Catalogue (Click on every row.)

No.	Products Catalogue (PDF)	Max. T	Max. P	Max. n	Flow media	Note
	PDF file	°C	Bar	RPM		
1	Mechanical Seal	200	16	2000	water, oil, gas.	Mechanical Seal

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No.	handbook name (PDF)	Download path in our web.	Note
1	Installation direction of rotary joint	type A Rotary Joint,	
2	Installation Introductions for type NQ Rotary Joints	type NQ Rotary Joint	
3	Installation Introductions for type Q Rotary Joints	type Q Rotary Joint	
4	Installation Introductions for type S Rotary Joints	type S Rotary Joint	
5	Installation Introductions for type H Rotary Joints	type H Rotary Joint	
6	Installation Introductions for type HK Rotary Joints	type HK Rotary Joint	
7	Installation Introductions for type D Rotary Joints	type D Rotary Joint	
8	Installation Introductions for type WD Rotary Joints	type WD Rotary Joint	
9	Installation Introductions for type TNQ Rotary Joints	type TNQ Rotary Joint	

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10	Installation Introductions for type Y6 Rotary Joints	type Y6 Rotary Joints	Six-way flow.
11	Installation Introductions for type Y8 Rotary Joints	type Y8 Rotary Joints	Eight-way flow.
12	Installation Introductions for type Y12 Rotary Joints	type Y12 Rotary Joints	twelve-way flow.
13	Pipe Handbook	type R Rotary Joints	type Y2 Rotary Joints
14	Quick release flange and split wedge	type Q Rotary Joints, type NQ Rotary Joints	

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NO.	Products name	Drawings name	Note
1	Type H rotary joint	H rotary joint (PDF)	
2	Type Q rotary joint	Q rotary joint (PDF)	
3	Type NQ rotary joint	NQ rotary joint (PDF)	
4	Type WD rotary joint	WD rotary joint (PDF)	
5	Type T rotary joint	T rotary joint (PDF)	
6	Type M rotary joint	M rotary joint (PDF)	

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1	Pipe Handbook	Type R Rotary Joints	Type Y2 Rotary Joints
2	Quick Joint	Quick Joint	
3	Metal hose	Metal hose	
4	Rubber hose	Rubber hose	
5	compensator	compensator	
6	Cable duct	Cable duct	

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4	recruitment information	Tengzhou Freed download center	
5	Kerry	Tengzhou Freed download center	
6	Kerry Research and Development Center	Tengzhou Freed download center	

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