

■ WATER POWER CONTROL VALVE

Technical specifications

Working medium	Water	Work Temperature	0 – 85℃
Design standards	CJ/T219 JB/T10674 EN1074-5		
Face to Face	GB 12221 EN558-1		
Pressure level	ISO EN PN10, PN16, PN25 ANSI CL125/150/300	JIS 10K/16K AS Table D, Table E	
Stress testing standards	GB/T 13927	ISO 5208 / EN12266-1	
Standard for drilling flanges	GB/T 17241.6	EN1092-2	ISO7005-2 ANSI / JIS / AS2129

Main Parts Materials

No.	Component	Material	Standard
1	Body	Ductile iron	EN-JS1040
2	Seat	Stainless steel	AISI 304
3	Sealing ring	Rubber	NBR
4	Screw	Stainless steel	A2
5	Shim	Stainless steel	A2
6	Bolt	Stainless steel	A2-70
7	Bonnet	Ductile iron	EN-JS1040
8	Shaft sleeve	Copper alloy	C37710
9	Thrust nut	Stainless steel	AISI 304
10	Thrust bearing	Stainless steel	AISI 304
11	Diaphragm	Rubber + Nylon	EPDM+Nylon Fabric
12	Diaphragm pressure plate	Ductile iron	EN-JS1040
13	Positioning pin	Stainless steel	AISI 304
14	Support frame	Ductile iron	EN-JS1040
15	Sealing ring	Rubber	EPDM
16	Guiding pressure plate	Ductile iron	AISI 304
17	Stem	Stainless steel	AISI 304
18	Plug	Stainless steel	AISI 304
19	O-ring	Rubber	NBR
20	Top hat	Stainless steel	AISI 304
21	Plug	Stainless steel	AISI 304



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Main Valve Parts

Cap: SS

Bolt: SS

Bonnet: DI

Spring: SS

Nut: SS

Membrane press plate: DI/SS

Diaphragm: EPDM

Support frame: DI

Sealing ring: EPDM

Guide clamp: SS/bronze

Stem: SS

Seat: SS

O-ring: EPDM

Body: DI

