

10K

Features

1. A general valve based on the 20K type. Can be used for a range of specifications.
2. Support for special fluids by exchanging the packing, gasket and main parts. Please consult with us separately. – We also undertake maintenance using genuine parts.
3. The main parts are made with 13cr stainless steel and can be used up to 300°C.

Product Types

Globe, Gate, Check, Needle, Bellows seal, Ball valves and Strainers

△Caution:

- A cobalt-base alloy (Co-Cr-W alloy) for the valve seat surface is recommended in case of use in the following conditions.
1. In case of steam piping with a nominal diameter of 150A (6B) or higher.
 2. In case of steam piping when the pressure is 0.98 MPa or higher, and the frequency of opening and closing is high.
 3. In case of use with fluids in a dry state.
 4. In case of piping for chemicals where corrosion resistance is required, and the main parts of the valve are 18Cr-8Ni stainless steel

Fluid • Temperature • Pressure

Unit: MPa

Maximum working pressure by product type MPa	Service temperature limit by fluid (°C)		Oil, air, steam, pulsating water						LPG		City gas		
	Steady water flow		80	120	80	120	183	220	250	300	120	80	120
Globe	Standard, needle valve Bellows			1.37				1.18		0.98			
	Reinforced PTFE disc			1.37			1.18						
	V-port valve				0.98							0.98	
Gate			1.37				1.18		0.98				
Check	Standard			1.37				1.18		0.98			
	Reinforced PTFE disc			1.37				0.98					
	NBR disc		1.37		1.37								
Ball	For general use			1.37			1.28		0				
	For gas										1.18		0.98

*1 Heat-resistant coating is recommended in case the service temperature exceeds 180°C

Test Pressure

Unit: MPa

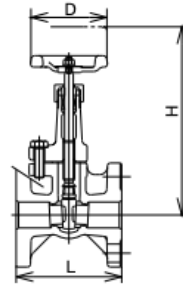
Product Type	Test description	Body pressure resistance		Valve seat leakage	
		Water pressure	Air pressure	Water pressure	Air pressure
Globe, needle, V-port, gate, check, ball valves		2.10		1.54	
Bellows seal valve			1.00		1.00
Ball valve for gas			1.80		1.32

Product Code **M10KFS**

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Gate Valve Flanged BB type

Product Name	Material	Remarks
Body	FCD-S	
Cover	FCD-S	
Stem	SUS403	
Wedge	SCS1	
Seat ring	SUS403	
Handwheel	FCMB340	Color: Blue
Gasket	H1215	
Gland Packing	H350+H2200	



Nominal diameter (A)	10	15	20	25	32	40	50
L	90	90	100	110	120	130	140
H	165	165	170	190	224	258	290
D	80	80	80	80	100	120	120

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