

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

Service temperature limit by fluid (°C)		Steady water flow		Oil, air, steam, pulsating water						LPG		City gas	
		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

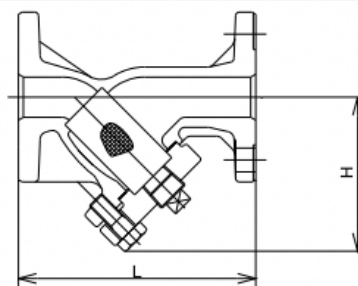
Test description	Body pressure resistance		Valve seat leakage	
	Water pressure	Air pressure	Water pressure	Air pressure
Globe, needle, V-port, gate, check, ball valves	2.10		1.54	
Bellows seal valve		1.00		1.00
Ball valve for gas		1.80		1.32

Product Code **M10KFT**

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Strainer Flanged

Product Name	Material	Remarks
Body	FCD-S	
Cover	FCD-S	
Screen	SUS304	50 mesh / Nominal diameter: 15-50A 40×mesh / Nominal diameter: 65-300A
Gasket	H1215	
Plug	FCD-S	Nominal diameter: 25-50A
	S25C	Nominal diameter: 15-20A
	S15C or SWCH	Nominal diameter: 65-300A



Nominal diameter (A)	15	20	25	32	40	50	65	80	100	125	150	200	250	300
L	130	140	160	190	210	250	290	310	350	400	480	600	730	850
H	68	77	91	137	154	170	190	231	279	310	370	441	510	565

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