

20K

Features

1. The main parts are mostly made with 13Cr stainless steel. Usable for hot fluids up to 350°C.
2. Support for special fluids by exchanging the packing, gasket and main parts. We also undertake maintenance using genuine parts at any time.

Product Types

Globe, Gate, Check, Needle, Y Globe, Bellows seal, Angle, Strainer, Ball, Strainer ball valves

Fluid • Temperature • Pressure

Unit: MPa

Service temperature limit by fluid (°C)	Steady water flow			Oil, air, steam, pulsating water						LPG			
	60	104	120	104	200	220	230	250	300	350	80	120	
Maximum working pressure by product type MPa													
	Globe	Standard, needle, Y, angle		2.75		2.45		2.26		1.96		2.35	
	Globe	PTFE disc										2.35	
Gate	Standard, high temperature specification		2.75		2.45		2.26		1.96				
	Check	Standard, screw-down stop check		2.75		2.45		2.26		1.96			
Strainer		PTFE disc										2.35	
	Strainer	Standard		2.75		2.45		2.26		1.96			
		Strainer	For LPG										2.35
Ball	Strainer ball										2.35		
	Ball	For LPG										2.35	
Ball		For general use		2.75		2.75		0.98		0.40		0	

*1 Heat-resistant coating is recommended in case the service temperature exceeds 120°C.

Test Pressure

Unit: MPa

Test description	Body pressure resistance		Valve seat leakage		Back seat leakage
	Water pressure	Air pressure	Water pressure	Air pressure	Air pressure
Product Type					
Globe, gate, check, angle, Y Globe valves	4.20		3.08		
Bellows seal valve			2.50		2.50
Globe valve for LPG	3.60		2.64		2.64
Check valve for LPG/Ball/Strainer ball valve	3.60		2.64		2.64
Strainer	4.20				
Ball valve for general use	4.20		3.08		

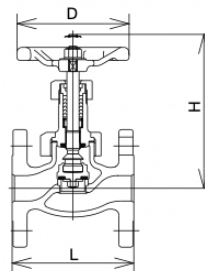
Product Code **M20KFDL**

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Globe Flanged Reinforced PTFE disc

Product Name	Material	Remarks
Body	FCD-S	
Cover	FCD-S	
Stem	SUS403	
Disc seat	PTFE	
Disc	SUS403	
Seat ring	SUS403	
Handwheel	FCMB340	Color: Green / Nominal diameter: 10-40A
	FCD450	Color: Green / Nominal diameter: 50A
Gasket	H1215	
Gland Packing	H2661-V	

△Name plate: PTFE display



Nominal diameter (A)	10	15	20	25	32	40	50
L	100	110	120	130	160	180	230
H	125	135	145	170	180	200	230
D	80	80	100	120	120	140	180

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