

# 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		
	PTFE disc										2.35	
	Bellows		2.50			2.45			2.26	1.96		
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		
	PTFE disc										2.35	
Strainer	Standard		2.75			2.45			2.26	1.96		
	For LPG										2.35	
	Strainer ball										2.35	
Ball	For LPG										2.35	
	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

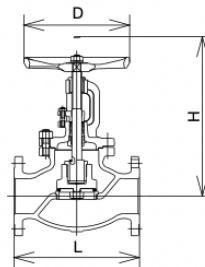
Test description	Body pressure resistance		Valve seat leakage		Back seat leakage
	Water pressure	Air pressure	Water pressure	Air pressure	Air pressure
Globe, gate, check, angle, Y Globe valves	4.20		3.08		
Bellows seal valve		2.50		2.50	
Globe valve for LPG	3.60	2.64		2.64	2.64
Check valve for LPG/Ball/Strainer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

Product Code **M20KFDLO** 20K

Globe Flanged Reinforced PTFE disc OS and BB type

Product Name	Material	Remarks
Body	FCD-S	
Cover	FCD-S	
Stem	SUS403	
Disc seat	PTFE	
Disc	SUS403	
Seat ring	SUS403	
Handwheel	FCMB340	Nominal diameter: 50-65A
	FCD450	Nominal diameter: 80A or larger
Gasket	H1215	
Gland Packing	H2661-V	

△Name plate: PTFE display



Nominal diameter (A)	50	65	80	100	125	150	200	250
L	267	292	318	356	400	444	559	622
H	325	365	395	440	515	580	685	815
D	224	224	250	300	315	400	450	560

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