

# 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			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			2.75			2.45			2.26	1.96		
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

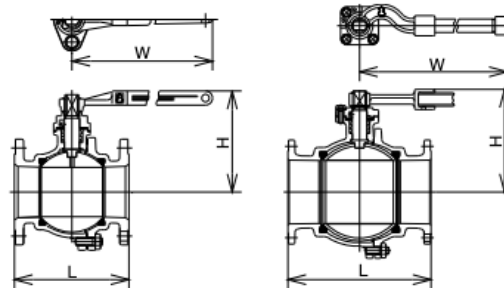
Test description	Body pressure resistance		Valve seat leakage		Back seat leakage
	Water pressure	Air pressure	Water pressure	Air pressure	Air pressure
Globe, gate, check, angle, Y Globe valves	4.20		3.08		
Bellows seal valve		2.50		2.50	
Globe valve for LPG	3.60	2.64		2.64	2.64
Check valve for LPG/Ball/Strainer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

Product Code **BM20KF0B** 20K

**Ball Valve Flanged Full bore**

Product Name	Material	Remarks
Body	FCD-S	
Ball	SCS13A	
Stem	SUS403	
Seat ring	FT Seat	
Handle	FCMB340	Color: Blue / Nominal diameter: 15-80A
Handle boss + pipe	FCMB340+STPG	Color: Blue / Nominal diameter: 100A
Gasket	H1215	
Gland Packing	Reinforced PTFE	

△ Indicator:  
Blue/ Valve stem angle: widths across flats



Nominal diameter (A)	15	20	25	32	40	50	65	80	100
L	140	152	165	178	190	216	241	283	305
H	76	80	103	108	125	133	145	185	226
W	120	120	150	150	220	220	220	400	800