

General-purpose

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Globe

Features

1. This is the economical Malleable/Ductile iron valve. A ready substitute for bronze valves installed with steam piping. A tensile valve.
2. The main parts are mostly stainless steel, which is far more resistant to abrasion than bronze valves.
3. Perfect for iron pipes and resistant to corrosion because of the contact potential difference.

Product Types

Globe, Gate, Check, Strainer and Mini ball valves

△Caution: Oil specification

1. Can be used with: Heavy oil (A, B, C), lubricant oil, turbine oil (#90 and up), coal tar, pitch
2. Not recommended for use with: Crude oil, naphthalene, gasoline, heating oil (kerosene), light oil, turbine oil (#80 and down), heat transfer oil

Fluid • Temperature • Pressure

Unit: MPa

Service temperature limit by fluid used (°C)	Steady water flow			Steam, air, gas, oil, pulsating water					LPG		City gas							
	50	80	120	80	120	160	183	220	80	120	120							
Globe	Maximum working pressure by product type MPa																	
	Standard			0.98					0.19									
	Reinforced PTFE disc			0.98					0.19									
Gate/Strainer											0.98							
Check	Standard			0.98														
	Reinforced PTFE disc			0.98														
	NBR disc		1.37	0.98														
	Inline		1.37	0.98														
Mini ball	600 model											4.11	0.98 (air)		1.96 (oil)		0.98 (steam)	
	400 model											2.74	0.98 (air)		1.96 (oil)		0.98 (steam)	
	For LPG															0.19		
	For city gas															0.098		

Test Pressure

Unit: MPa

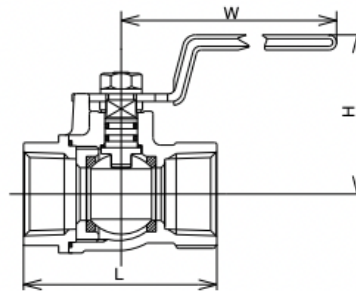
Model	Test description	Valve body pressure resistance		Valve seat leakage	
		Water pressure	Air pressure	Water pressure	Air pressure
Globe, Gate, check valves		2.06		1.51	
Globe valve for LPG		0.78		0.29	
Strainer		2.06			
Mini ball	MB2·MBT2·UB2·UBT2	6.18		0.59	
	MB1·MBT1	4.12		0.59	
	ML1·MLC1			0.29	0.29
	MG1·MGC1·MGR0			0.15	0.15

Product Code **ML1**

General-purpose 10K

Mini Ball Valve for LPG Lever Handle, 1-stage Reduced Bore

Product Name	Material	Remarks
Body	FCMB340	Hot dip galvanizing Electrogalvanizing
Ball	C3604	Ni-Cr plating
Stern	C3604	Ni-Cr plating
Seat ring	PTFE	
Handle	SUS430	PVC coating Color: Yellow
Gasket	PTFE	



Nominal diameter (B)	1/2	3/4	1	1¼	1½	2
L	57.5	65	77	88	97	116
H	53	55	63	66	72	79
W	87	87	127	127	127	152