

# 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

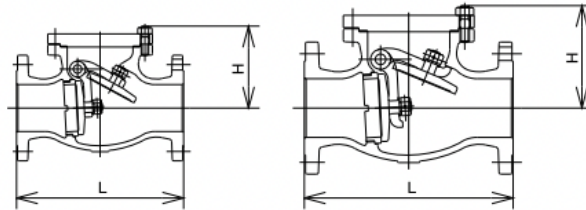
Test description	Body pressure resistance		Valve seat leakage		Back seat leakage
	Water pressure	Air pressure	Water pressure	Air pressure	Air pressure
Product Type					
Globe, gate, check, angle, Y Globe valves	4.20		3.08		
Bellows seal valve		2.50		2.50	
Globe valve for LPG	3.60	2.64		2.64	2.64
Check 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 **M20KFCS**

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**Check Valve (Swing) Flanged**

Product Name	Material	Remarks
Body	FCD-S	
Cover	SS400	
Disc	S28C	Hard facing
Seat ring	S28C	Hard facing
Hinge pin	SUS403	
Gasket	H1215	
Plug	S25C	



Nominal diameter (A)	40	50	65	80	100	125	150	200
L	241	267	292	318	356	400	444	533
H	120	140	150	160	175	215	235	275

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Check Valve (Lift)/Check Valve (Swing)