

Valve Specification

Unique small diameter butterfly valve. Since the disk does not contact the valve seat surface at the intermediate opening, the sealing performance does not deteriorate when the valve is fully closed, even if the valve is used for flow control. The three-piece structure separates the main body and the cap, making it easy to maintain after piping. PPS resin is used for the disk, and when combined with the resin cap, the metal part is not exposed in the flow path, so it has the same corrosion resistance as the resin valve.

Specifications

Model	Z
Type	Rubber seat butterfly valve
Structure	Centered shaft and disc type
Fluid	Water, Oils*1, Gas, Chemicals, Sea water*2
Flow direction	Both directions
Application	ON-OFF, Flow control
Max working pressure	1 MPa
Max allowable pressure	1 MPa

*1: EPDM cannot be used for mineral oil and plant oil. *2: When using in seawater, select the combination of the cap made of PVC and the seat made of EPDM.

Production range

Connection	Threaded end Rc (JIS B 0203)	Socket end	
Body material	SCS13A		
Disk material	PPS		
Cap material	SCS14A	PVC*2	C-PVC
Seat material	EPDM*1*2 / NBR / FKM		
Stem seal material	O-ring of the same material as the seat		
Size	15A, 20A, 25A, 32A, 40A, 50A		

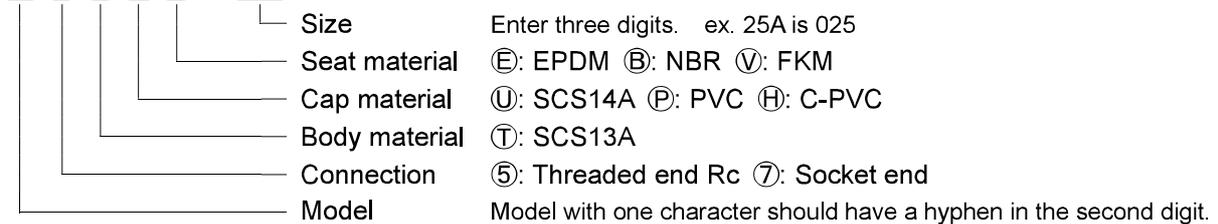
*Equivalents from other standards may be used for parts, depending on material availability.

Cv value and Range ability

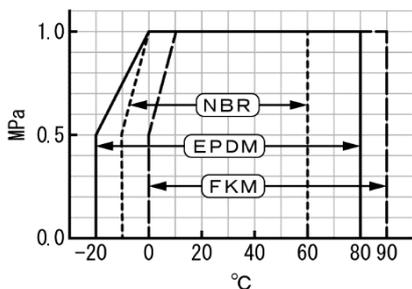
Size	15A	20A	25A	32A	40A	50A
Cv value	7	19	28	28	86	86
Range ability	30 : 1					

Valve model code configuration

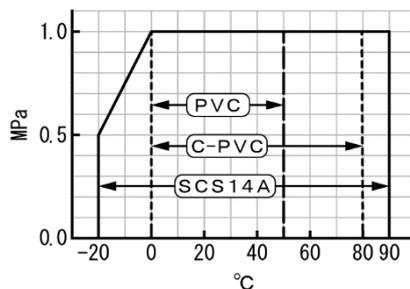
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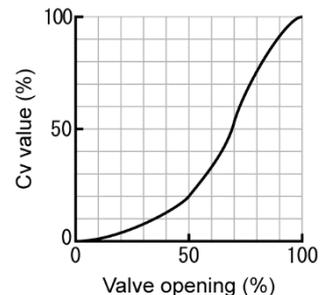
Pressure & Temperature rating (Seat)



Pressure & Temperature rating (Cap)



Flow characteristic



Note) When used in hot water supply lines or in fluids containing chlorine, EPDM and NBR may deteriorate prematurely depending on conditions.