

Valve Specification

This is a flanged ball valve for proportional control that uses a V-port ball with good controllability. A spring is built into the seal part of the stem to automatically correct volume changes due to packing wear, pressure, temperature, etc., thus realizing maintenance-free gland parts.

Specifications

Model	VR
Type	Flanged end ball valve, V-port
Face-to-face dimensions	JIS B 2002 series No.6
Structure	Floating ball valve
Fluid	Water, Oils, Gas, Steam*1, Chemicals
Flow direction	With designated flow direction
Application	Flow control*2
Max working pressure	1 MPa
Max allowable pressure	1.4 MPa

*1: For steam line use, specify the "ST" option. In this case, the O-ring material is resistant to steam FKM. *2: Since this valve is used in the middle position, the seat will leak when fully closed.

Production range

Connection	JIS 10K RF Flanged end
Body material	SCS14A
Ball material	SUS316 / SCS14A
Seat material	Reinforced PTFE / Reinforced F-PTFE*3
Stem seal material	Reinforced PTFE + FKM*1 O-ring
Size	R15A, 15A, 20A, 25A, 32A, 40A, 50A, 65A, 80A

*3: Semi-standard

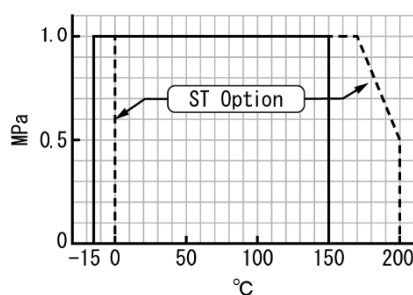
Cv value and Range ability

Size	R15A	15A	20A	25A	32A	40A	50A	65A	80A
Cv value	1.3	4	7.5	12	20	31	48	85	123
Range ability	100 : 1	50 : 1							

Valve model code configuration

VR	1	U	U	G	-	015	
Model	Connection	Body material	Ball material	Seat material	Port type	Size	
	①: JIS 10K Flanged end	①: SCS14A	①: SUS316 / SCS14A	Ⓔ: Reinforced PTFE Ⓕ: Reinforced F-PTFE	Hyphen for standard, R for reduce model (R 15 A)	Enter three digits. ex. 15A is 015	

Pressure & Temperature rating



Flow characteristic

