Valve Specification

Proportional control exclusive model using V port ball with good controllability. The small diameter is also available in a reduced type. Can also be used for fine flow control. Three-piece divided body is excellent maintainability.
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	MV
Type	Threaded end ball valve, V-port
Structure	Floating ball valve
Fluid	Water, Oils, Gas
Flow direction	With designated flow direction
Application	Flow control*1
Max working pressure	2 MPa
Max allowable pressure	2 MPa

*1: Since this valve is used in the middle position, the seat will leak when fully closed.

Production range

Connection	Threaded end Rc (JIS B 0203)
Body material	SCS14A
Ball material	SUS316 / SCS14A
Seat material	Reinforced PTFE
Stem seal material	Reinforced PTFE + FKM O-ring
Size	R10A, R15A, 15A, 20A, 25A, 32A, 40A, 50A

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

Cv value and Range ability

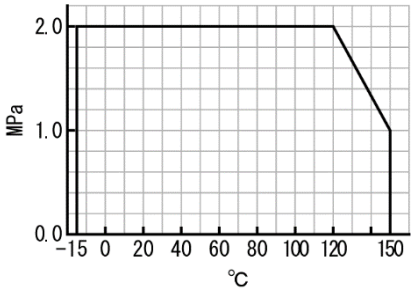
Size	R10A	R15A	15A	20A	25A	32A	40A	50A
Cv value	1.3	1.3	4	7.5	12	20	31	48
Range ability	100 : 1		50 : 1					

Valve model code configuration

MV 5 U U P - 015

Size	Enter three digits. ex. 15A is 015
Port type	Hyphen for standard, R for reduce model (R 10 A, R 15 A)
Seat material	Ⓟ: Reinforced PTFE
Ball material	Ⓤ: SUS316 / SCS14A
Body material	Ⓤ: SCS14A
Connection	⑤: Threaded end Rc
Model	

Pressure & Temperature rating



Flow characteristic