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

Cv value and Range ability

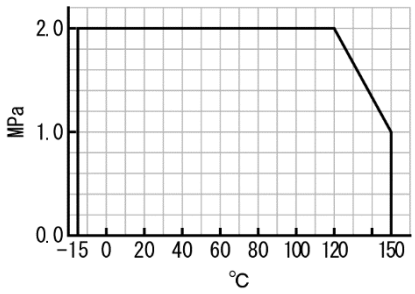
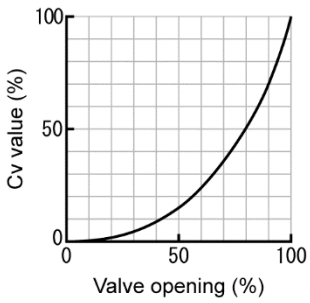
Size	R10A	R15A	15A	20A	25A	32A	40A	50A
Cv value	1.3	1.3	4	7.5	12	20	31	48
Range ability	100 : 1		50 : 1					

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