

Valve Specification

This is a horizontal 3-way ball valve for switching the flow path applications or for diverting and mixing. The trunnion structure, in which the ball is supported by the stem, reduces the influence of fluid pressure on the sealability. Stable sealing performance even under low pressure conditions on the flow channel side.

Specifications

Model	L3
Type	Flanged end horizontal three-way ball valve, L full-port
Structure	Trunnion supported ball valve
Fluid	Water, Oils, Gas, Steam* ¹ , Chemicals
Application	Switching the flow path, Diverting and mixing* ²
Max working pressure	1 MPa
Max allowable pressure	1.4 MPa

*1: Options may be required for use in steam lines, depending on conditions. Please inform us of the conditions of use.

*2: If the valve is used in the middle position, valve seat leakage.

Production range

Connection	JIS 10K RF Flanged end
Body material	SCS13A
Ball material	SCS13A
Seat material	Reinforced PTFE
Stem seal material	PTFE (Gland packing retightening structure)
Size	25A, 40A, 50A, 65A, 80A, 100A, 125A, 150A

Cv value and Range ability

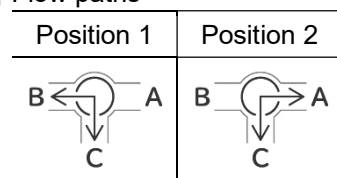
Size	25A	40A	50A	65A	80A	100A	125A	150A
Cv value (Effective value)	40 (20)	100 (60)	170 (110)	240 (150)	380 (240)	680 (440)	1080 (680)	1620 (1030)
Range ability	30 : 1							

Valve model code configuration

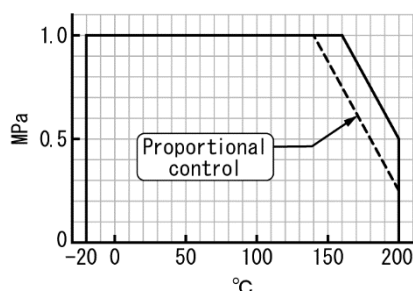
L3 1 I I G - 050

Size	Enter three digits. ex. 50A is 050
Seat material	Ⓔ: Reinforced PTFE
Ball material	Ⓙ: SCS13A
Body material	Ⓢ: SCS13A
Connection	①: JIS 10K Flanged end
Model	

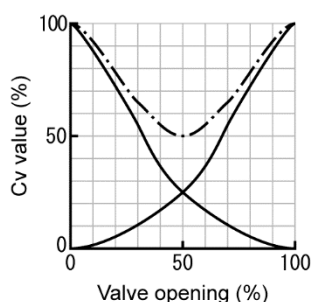
Flow paths



Pressure & Temperature rating



Flow characteristic (25A)



Flow characteristic (40 to 150A)

