

## Valve Specification

This valve can be used for switching the flow path applications or for diverting and mixing\*<sup>1</sup>. It can be selected from 3 types of body materials depending on the fluid type used. This valve is a semi-standard product.

### Specifications

Model	L2
Type	Flanged end horizontal three-way ball valve, L full-port
Structure	Floating ball valve
Fluid	Water, Oils, Gas, Steam, Chemicals
Application	Switching the flow path, Diverting and mixing* <sup>1</sup>
Max working pressure	1 MPa
Max allowable pressure	1.4 MPa

\*1: If the valve is used in the middle position, valve seat leakage. When using with proportional control, select the G seat.

### Production range

Connection	JIS 10K RF Flanged end		
Body material	FCD400	SCS13A	SCS14A
Ball material	SUS304 / SCS13A		SUS316 / SCS14A
Seat material	N-PTFE / Reinforced PTFE* <sup>1</sup>		
Stem seal material	N-PTFE (Gland packing retightening structure)		
Size	20A, 25A, 40A, 50A, 65A, 80A, 100A		

### Cv value and Range ability

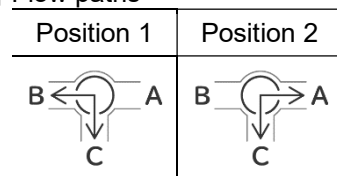
Size	20A	25A	40A	50A	65A	80A	100A
Cv value (Effective value)	24 (10)	40 (20)	100 (60)	170 (110)	240 (150)	380 (240)	680 (440)
Range ability	20 : 1						

### Valve model code configuration

L2 1 D I I - 050

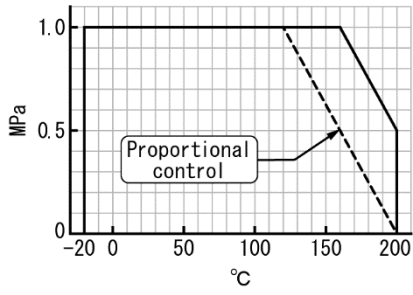
Size	Enter three digits. ex. 50A is 050
Seat material	Ⓐ: N-PTFE Ⓑ: Reinforced PTFE
Ball material	Ⓐ: SUS304 / SCS13A Ⓑ: SUS316 / SCS14A
Body material	Ⓐ: FCD400 Ⓑ: SCS13A Ⓒ: SCS14A
Connection	Ⓐ: JIS 10K Flanged end
Model	

### Flow paths

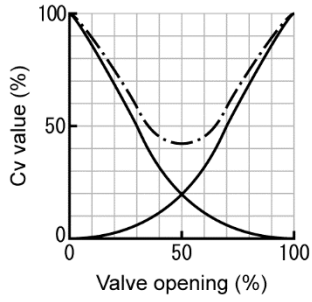


Note) If high pressure is applied from the closed port, leakage may occur to the fluid path.

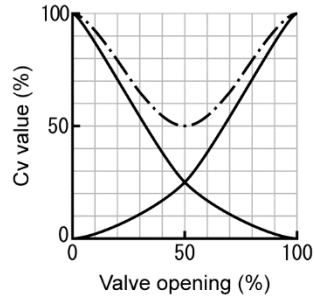
| Pressure & Temperature rating



| Flow characteristic (20A)



| Flow characteristic (25A)



| Flow characteristic (40 to 100A)

