

## Valve Specification

It is a standard-port type that is one sizes smaller than the pipe diameter, and it is light and compact. Ideal for installation in narrow spaces and installation. This valve can be used for switching the flow path applications or for diverting and mixing\*1

### Specifications

Model	TV
Type	Threaded end vertical three-way ball valve, L standard-port
Structure	Floating ball valve
Fluid	Water, Oils, Gas
Application	Switching the flow path, Diverting and mixing*1
Max working pressure	1 MPa
Max allowable pressure	1 MPa

\*1: If the valve is used in the middle position, valve seat leakage.

### Production range

Connection	Threaded end Rc (JIS B 0203)
Body material	SCS13A
Ball material	SUS304 / SCS13A
Seat material	Reinforced PTFE
Stem seal material	FKM O-ring*2
Size	15A, 20A, 25A, 32A, 40A

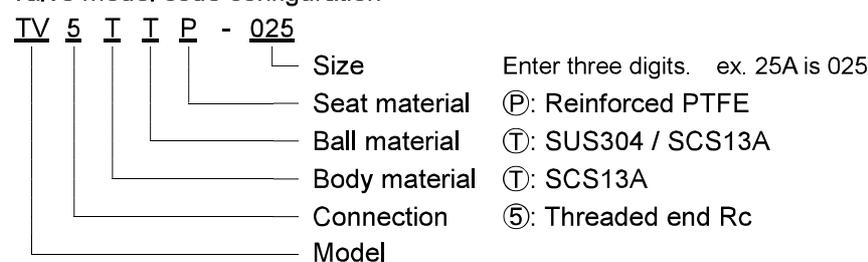
\*2: An NBR O-ring is installed on the outside of the stem seal as a dust seal.

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

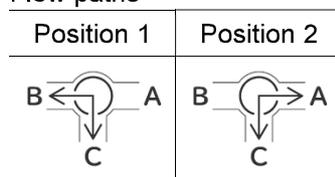
### Cv value and Range ability

Size	15A	20A	25A	32A	40A
Cv value (Effective value)	5 (3)	8 (5)	13 (9)	22 (15)	36 (25)
Range ability	20 : 1				

### Valve model code configuration

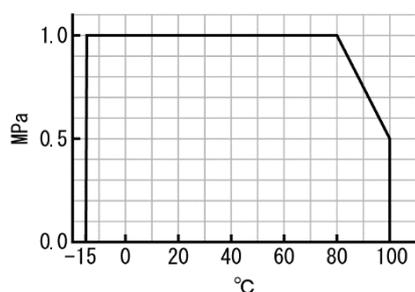


### Flow paths

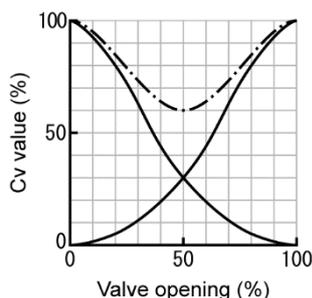


Note) If high pressure is applied from the closed port, leakage may occur to the fluid path.

### Pressure & Temperature rating



### Flow characteristic (15, 20A)



### Flow characteristic (25 to 40A)

