

Valve Specification

The T Series is a small, lightweight, economical brass threaded end ball valve. It is a reduced-port type that is two sizes smaller than the pipe diameter, and it is very 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	T
Type	Threaded end vertical three-way ball valve, L reduced-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) *2
Body material	Brass + PLTD*3
Ball material	Brass + PLTD*3
Seat material	F-PTFE
Stem seal material	FKM O-ring*4
Size	15A, 20A, 25A

*2: The C port is threaded end R.

*3: The purpose of plating is to match the color of the body with the piping, and to improve the hardness of the surface of the ball. Since the purpose is not to improve corrosion resistance, there are parts without plating on the inside of the body and the inside of the ball.

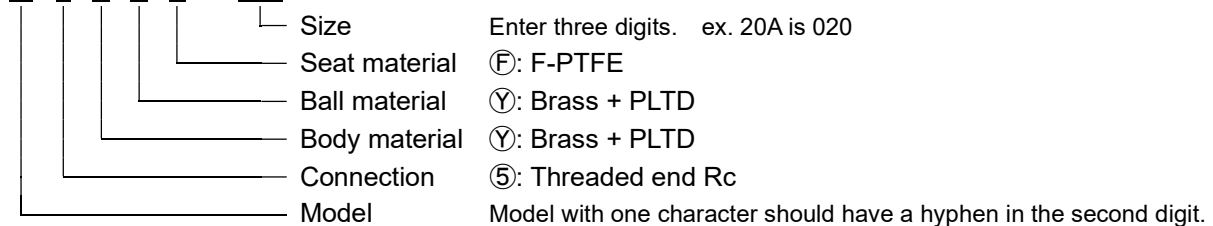
*4: An NBR O-ring is installed on the outside of the stem seal as a dust seal.

Cv value and Range ability

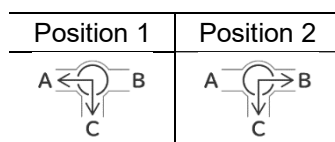
Size	15A	20A	25A
Cv value (Effective value)	3 (1.4)	6 (2.8)	8 (3.7)
Range ability	20 : 1		

Valve model code configuration

T- 5 Y Y E - 020

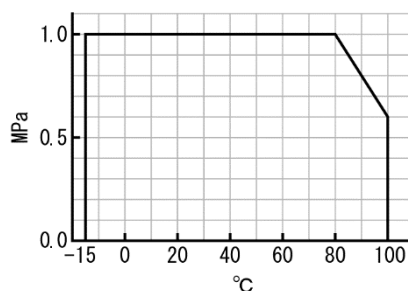


Flow paths



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

Pressure & Temperature rating



Flow characteristic

