

# Valve Specification

The A 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 ON-OFF applications or for flow control\*1.

## Specifications

Model	A
Type	Threaded end ball valve, Reduced-port
Structure	Floating ball valve
Fluid	Water, Oils, Gas
Flow direction	Both directions
Application	ON-OFF, Flow control*1
Max working pressure	1 MPa
Max allowable pressure	1 MPa

\*1: If the valve is used in the middle position, valve seat leakage will occur when the valve is fully closed.

## Production range

Connection	Threaded end Rc (JIS B 0203)
Body material	Brass + PLTD*2
Ball material	Brass + PLTD*2
Seat material	F-PTFE
Stem seal material	FKM O-ring*3
Size	15A, 20A, 25A

\*2: 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.

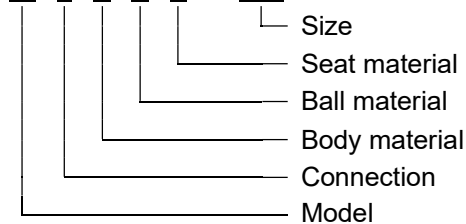
\*3: An NBR O-ring is installed on the outside of the stem seal as a dust seal.

## Cv value and Range ability

Size	15A	20A	25A
Cv value	6	11	15
Range ability	30 : 1		

## Valve model code configuration

**A- 5 Y Y E - 020**



Enter three digits. ex. 20A is 020

ⓕ: F-PTFE

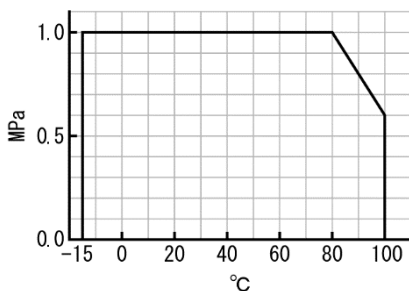
Ⓨ: Brass + PLTD

Ⓨ: Brass + PLTD

Ⓟ: Threaded end Rc

Model with one character should have a hyphen in the second digit.

## Pressure & Temperature rating



## Flow characteristic

