Valve Specification

The lineup consists of brass with excellent cost performance and stainless steel with excellent corrosion resistance. Lightweight and compact, the standard port type is one size smaller than the pipe diameter. Ideal for tight spaces and equipment integration.

Specifications

Model	E
Type	Threaded end ball valve, Standard-port
Structure	Floating ball valve
Fluid	Water, Oils, Gas
Flow direction	Both directions
Application	ON-OFF, Flow control*1
Max working pressure	1 MPa*2
Max allowable pressure	1 MPa*2

*1: If the valve is used in the middle position, valve seat leakage will occur when the valve is fully closed.
*2: The 8 A and 10 A stainless steel body model is 2 MPa.

Production range

Connection	Threaded end Rc (JIS B 0203)	
Body material	Brass + PLTD*3	SCS14A
Ball material	Brass + PLTD*3	SUS316 / SCS14A
Seat material	F-PTFE	PTFE
Stem seal material	FKM O-ring*4	
Size	15A, 20A, 25A, 32A, 40A, 50A	8A, 10A, 15A, 20A, 25A, 32A, 40A, 50A

*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

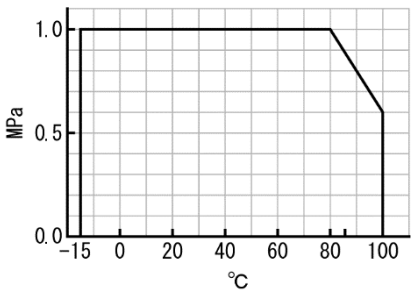
Size		8A	10A	15A	20A	25A	32A	40A	50A
Cv	Brass	—	—	12	16	28	47	83	115
	Stainless	5	5	12	16	28	47	83	123
Range ability		30 : 1							

Valve model code configuration

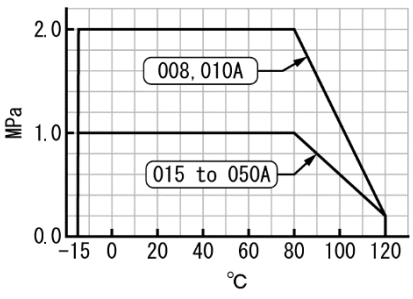
E- 5 Y Y F - 020

Size	Enter three digits. ex. 20A is 020
Seat material	Ⓕ: F-PTFE Ⓣ: PTFE
Ball material	Ⓨ: Brass + PLTD Ⓤ: SUS316 / SCS14A
Body material	Ⓨ: Brass + PLTD Ⓤ: SCS14A
Connection	⑤: Threaded end Rc
Model	Model with one character should have a hyphen in the second digit.

Pressure & Temperature rating (Brass)



Pressure & Temperature rating (Stainless)



Flow characteristic