

Valve Specification

Threaded end ball valve for high temperature fluid such as steam. A pressure equalizing hole is provided in the ball to prevent abnormal pressure rise inside the pocket. Standard-port type is one size smaller than the pipe diameter, so it is light and compact. Ideal for installation in small spaces or integration into equipment.

Specifications

Model	EG
Type	Threaded end ball valve, Standard-port
Structure	Floating ball valve
Fluid	Steam, Oils, Gas
Flow direction	With designated flow direction
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	SCS14A
Ball material	SCS14A
Seat material	Reinforced PTFE
Stem seal material	Resistant to steam FKM O-ring
Size	15A, 20A, 25A, 32A, 40A, 50A

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

Cv value and Range ability

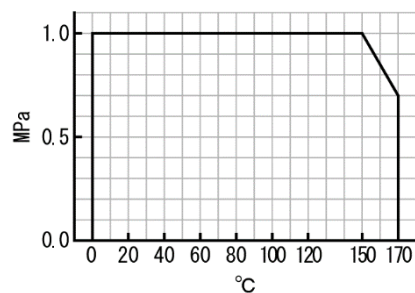
Size	15A	20A	25A	32A	40A	50A
Cv value	9	13	24	44	80	120
Range ability	30 : 1					

Valve model code configuration

EG 5 U U P - 020

Model	EG	Size	Enter three digits. ex. 20A is 020
Connection	5	Seat material	Ⓟ: Reinforced PTFE
Body material	U	Ball material	Ⓤ: SCS14A
Ball material	U	Body material	Ⓤ: SCS14A
Seat material	P	Connection	Ⓟ: Threaded end Rc

Pressure & Temperature rating



Flow characteristic

