

Valve Specification

The AE series is a ball valve with a long neck that is best for piping with heat insulation. 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*².

Specifications

Model	AE
Type	Threaded end ball valve, Reduced-port
Structure	Floating ball valve
Fluid	Water, Oils, Gas, Steam* ¹
Flow direction	With designated flow direction
Application	ON-OFF, Flow control* ²
Max working pressure	1 MPa
Max allowable pressure	1 MPa

*1: For steam line use, specify the "ST" option. In this case, the O-ring material is resistant to steam FKM.

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

Production range

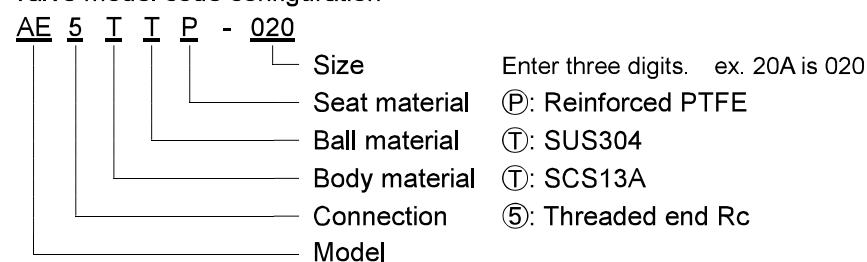
Connection	Threaded end Rc (JIS B 0203)
Body material	SCS13A
Ball material	SUS304
Seat material	Reinforced PTFE
Stem seal material	PTFE + FKM O-ring* ¹
Size	15A, 20A, 25A

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

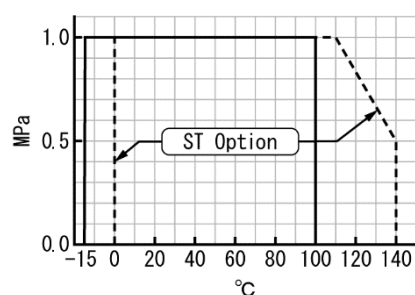
Cv value and Range ability

Size	15A	20A	25A
Cv value	5	10	15
Range ability	30 : 1		

Valve model code configuration



Pressure & Temperature rating



Flow characteristic

