

Valve Specification

Threaded end type ball valve for high temperature fluid such as steam. A pressure equalizing hole is provided in the ball to prevent abnormal pressure rise in the pocket. This is a full port type that is almost the same size as the pipe diameter, and has extremely low fluid resistance when fully opened.

Specifications

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

*1: Steam can only be used at temperatures up to 180 °C.

Production range

Connection	Threaded end Rc (JIS B 0203)
Body material	SCS14A
Ball material	SCS14A
Seat material	F-PTFE
Stem seal material	Reinforced PTFE + Resistant to steam FKM O-ring
Size	15A, 20A, 25A, 32A

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

Valve model code configuration

SH	5	U	U	F	-	020	
							Size
							Seat material
							Ball material
							Body material
							Connection
							Model

Enter three digits. ex. 20A is 020

Ⓕ: F-PTFE

⓪: SCS14A

⓪: SCS14A

⑤: Threaded end Rc

Pressure & Temperature rating

