

Valve Specification

Lightweight, compact, wafer type ball valve. JIS, ANSI, DIN, and GB standard flanges can be connected with the same body. A spring is built into the seal part of the stem to automatically correct volume changes due to packing wear, pressure, temperature, etc., thus realizing maintenance-free gland parts.

Specifications

Model	BS
Type	Wafer type ball valve, Full-port / Standard-port
Structure	Floating ball valve
Fluid	Water, Oils, Gas, Steam*1, Chemicals
Flow direction	Both directions*1
Application	ON-OFF
Max working pressure	1 MPa
Max allowable pressure	1.4 MPa

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

Production range

Connection	For JIS 10K flange*2 Wafer type	
Body material	SCS13A	SCS14A
Ball material	SCS13A	SCS14A
Seat material	F-PTFE / Reinforced PTFE*3 / Reinforced F-PTFE*3	
Stem seal material	Reinforced PTFE + FKM*1 O-ring	
Size	15A, 20A, 25A, 32A, 40A, 50A, 65A, 80A R100A, R125A, R150A	15A, 20A, 25A, 32A, 40A, 50A, 65A, 80A

*2: It can be connected to ANSI CLASS 150, GB PN1.6 and DIN PIN10/16 flanges. Note) The pressure standard supports only JIS.

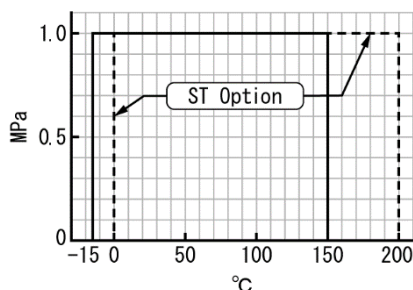
*3: Semi-standard. *Equivalents from other standards may be used for parts, depending on material availability.

Production range

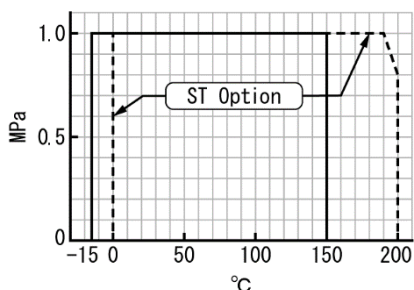
BS 1 I I E = 050

- BS — Model
- 1 — Connection ①: JIS 10K flange Wafer type
- I — Body material ①: SCS13A ②: SCS14A
- I — Ball material ①: SCS13A ②: SCS14A
- E — Seat material ③: F-PTFE ④: Reinforced PTFE ⑤: Reinforced F-PTFE
- = — Hyphen for full port model, R for standard port model
- 050 — Size Enter three digits. ex. 50A is 050

Pressure & Temperature rating (15A, 20A)



Pressure & Temperature rating (25 to R100A)



Pressure & Temperature rating (R125A, R150A)

