

Valve Specification

The BR series is a general-purpose flange type ball valve for a wide range of applications. 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	BR	
Type	Flanged end ball valve, Full-port	
Structure	Floating ball valve	
Fluid	Water, Oils, Gas, Steam*1, Chemicals	
Flow direction	Both directions*1	
Application	ON-OFF	
Connection	JIS 10K RF Flanged end	JIS 20K RF Flanged end
Face-to-face dimensions	JIS B 2002 series No.6*2	JIS B 2002 series No.10
Max working pressure	1 MPa	2 MPa
Max allowable pressure	1.4 MPa	3.4 MPa

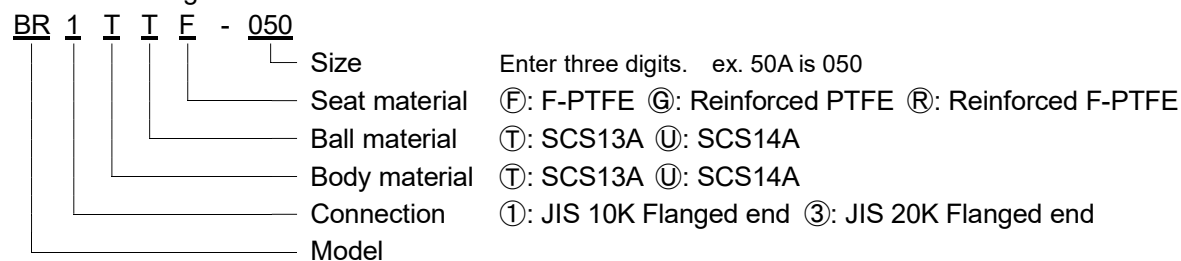
*1: For steam line use, specify the "ST" option. In this case, the O-ring material is resistant to steam FKM, and the flow direction is limited.
 *2: 125 A and 150 A are series No.39.

Production range

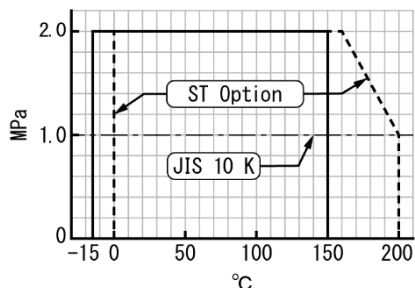
Connection	JIS 10K RF Flanged end		JIS 20K RF Flanged end
Body material	SCS13A	SCS14A	SCS13A
Ball material	SCS13A	SCS14A	SCS13A
Seat material	F-PTFE / Reinforced PTFE*3 / Reinforced F-PTFE*3		
Stem seal material	Reinforced PTFE + FKM*1 O-ring		
Size	15A, 20A, 25A, 32A, 40A, 50A 65A, 80A, 100A, 125A, 150A	15A, 20A, 25A, 32A, 40A 50A, 65A, 80A, 100A	15A, 20A, 25A, 40A, 50A 65A, 80A

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

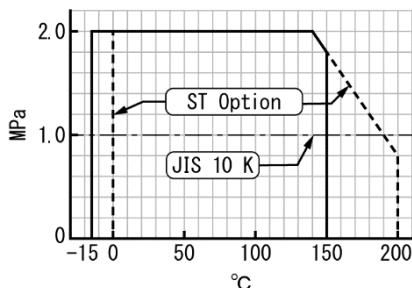
Production range



Pressure & Temperature rating (15A, 20A)



Pressure & Temperature rating (25 to 80A)



Pressure & Temperature rating (100 to 150A)

