

Valve Specification

A versatile flanged ball valve that can be used in a wide range of applications. Fire-safe construction prevents significant leakage of sealing parts even if they are burnt by fire. This valve is a semi-standard product.

Specifications

Model	BF	
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: When the product is used in a steam line, specify the option for abnormal pressure rise "SC". In this case, the flow direction is limited.

*2: 125 A and 150 A are series No.39.

Production range

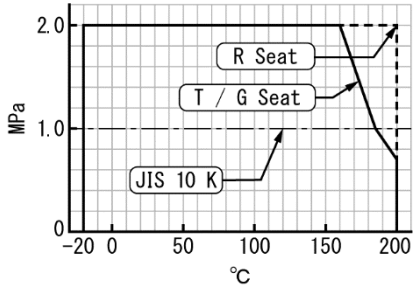
Connection	JIS 10K RF Flanged end			JIS 20K RF Flanged end
Body material	FCD400	SCS13A	SCS14A	SCS16A
Ball material	SUS304 / SCS13A	SUS316 / SCS14A	SUS316L / SCS16A	SUS304 / SCS13A
Seat material	N-PTFE / Reinforced PTFE / Reinforced PTFE (with metal ring)			
Stem seal material	N-PTFE (Gland packing retightening structure)			
Size	15A, 20A, 25A, 40A, 50A, 65A, 80A, 100A, 125A, 150A			

Valve model code configuration

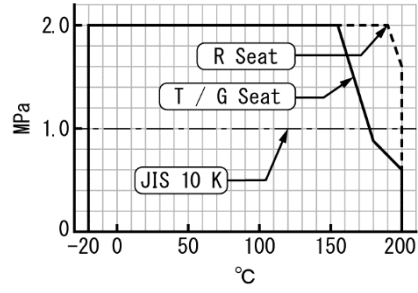
BF 1 D I I - 050

Size	Enter three digits. ex. 50A is 050
Seat material	Ⓐ: N-PTFE Ⓑ: Reinforced PTFE Ⓒ: Reinforced PTFE (with metal ring)
Ball material	Ⓐ: SUS304 / SCS13A Ⓑ: SUS316 / SCS14A Ⓒ: SUS316L / SCS16A
Body material	Ⓐ: FCD400 Ⓑ: SCS13A Ⓒ: SCS14A Ⓓ: SCS16A
Connection	①: JIS 10K Flanged end ②: JIS 20K Flanged end
Model	

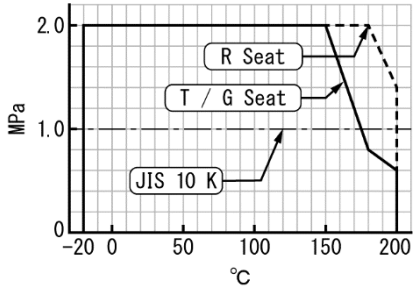
| Pressure & Temperature rating (15 to 25A)



| Pressure & Temperature rating (40 to 65A)



| Pressure & Temperature rating (80A, 100A)



| Pressure & Temperature rating (125A, 150A)

