

Code: 1002C - SS316 Ball Valve Single Piece Design Flanged End (150 Class)

Applicable Standard:

MFG. STD. : ISO 17292 & ASME B16.34

Testing STD: API 598

Face to Face: ANSI B16.10

End Connection: ASME B16.5 150 Class RF

Size Range: 15mm to 150mm (½ inch to 6 inch)

Max Working Temperature: 200 Deg. C

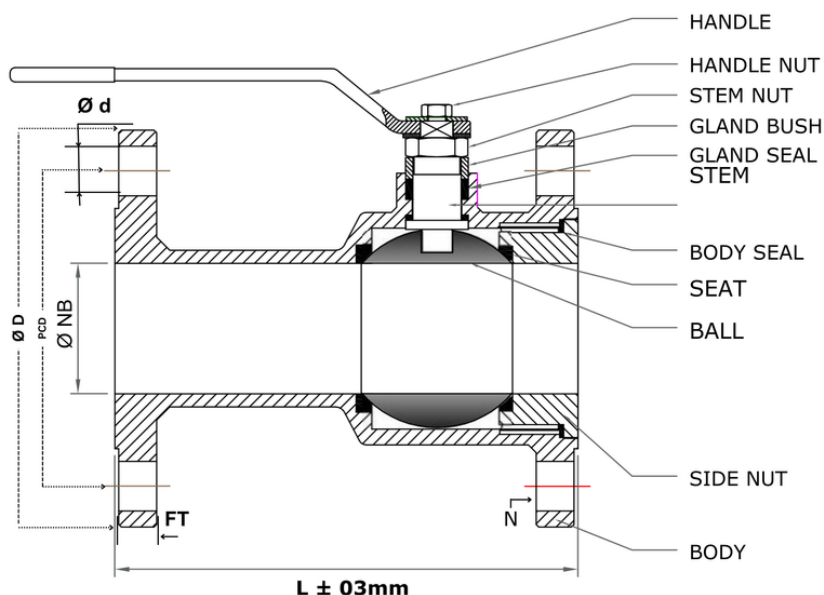
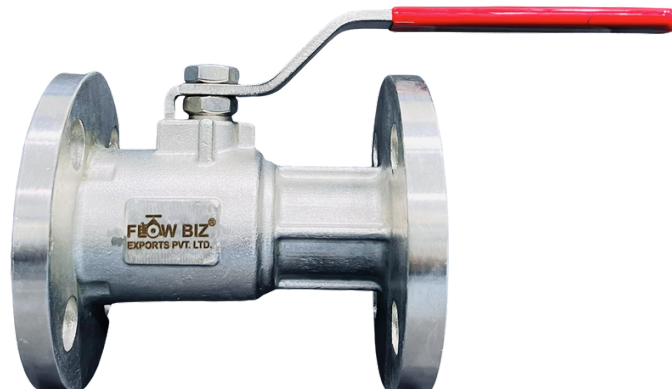
Pressure Rating: As per 150 Class

Hydraulic Test Pressure:

Body: 32 Kg/cm² (450 psig)

Seat: 21 Kg/cm² (300 psig)

Seat (Pneumatic): 07 Kg/cm²



Part Name	Material	QTY.
Body	ASTM A351 Gr. CF8M	01
Side Nut	ASTM A351 Gr. CF8M	01
Ball	AISI 316	01
Seat	PTFE / CFT / GFT	02
Body Seal	PTFE / CFT / GFT	02
Stem	AISI 316	01
Gland Seal	PTFE	03
Gland Bush	Stainless Steel	01
Stem Nut	Stainless Steel	01
Handle Nut	Stainless Steel	01
Handle	Stainless Steel	01

CLASS - 150										
SIZE		Ø NB	L End to End	Ø D Flange OD	FT Flange Thickness	Ø Rf Raised Faced	PCD	Ø d Hole Dia	N No. of Holes	Approx Weight
inch	mm									Per Unit in Kg
½ inch	15mm	12.5mm	108mm	89mm	10mm	35mm	60.5mm	16mm	04	1.1
¾ inch	20mm	19mm	117mm	100mm	11mm	43mm	70mm	16mm	04	1.2
1 inch	25mm	25mm	127mm	108mm	11.2mm	51mm	79.2mm	16mm	04	2
1 ½ inch	40mm	38mm	165mm	127mm	14.3mm	73mm	98.5mm	16mm	04	3.6
2 inch	50mm	50mm	178mm	152.4mm	15.9mm	92mm	120.6mm	19mm	04	6.3
2 ½ inch	65mm	63mm	190mm	178mm	17.5mm	105mm	139.7mm	19mm	04	10.5
3 inch	80mm	75mm	203mm	190.5mm	19.1mm	127mm	152.4mm	19mm	04	14
4 inch	100mm	100mm	229mm	228.6mm	23.9mm	157mm	190.5mm	19mm	08	24
6 inch	150mm	150mm	266mm	279mm	25mm	216mm	241.3mm	22mm	08	38

