

Code: 1003C - SS316 Ball Valve Single Piece Design Flanged End (300 Class)

Applicable Standard:

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

Testing STD: API 598

Face to Face: ANSI B16.10

End Connection: ASME B16.5 300 Class RF

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

Max Working Temperature: 200 Deg. C

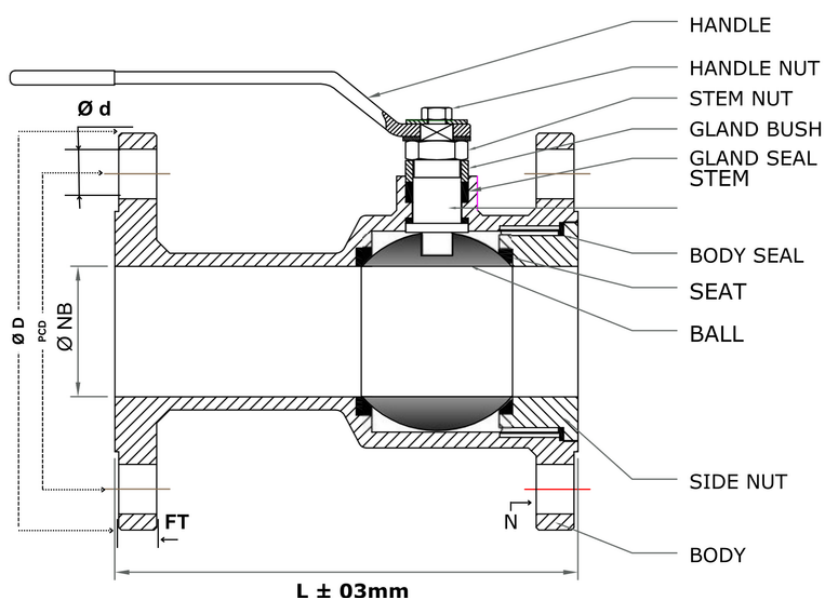
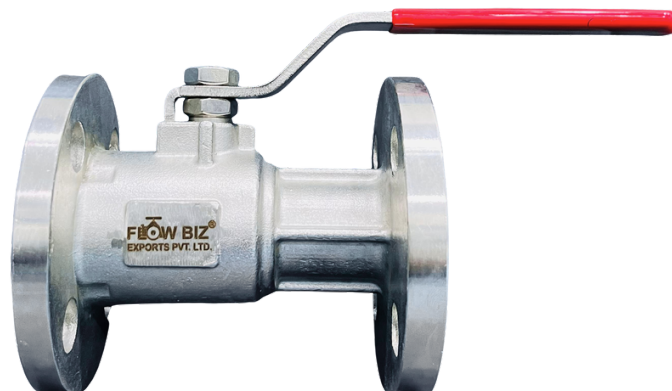
Pressure Rating: As per 300 Class

Hydraulic Test Pressure:

Body: 77 Kg/cm² (1125 psig)

Seat: 56 Kg/cm² (815 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 - 300

SIZE		Ø NB	L End to End	ØD 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	13mm	140mm	95mm	14.2mm	95mm	66.5mm	16mm	04	1.6
¾ inch	20mm	19mm	117mm	115mm	15.7mm	117mm	82.5mm	19mm	04	2.4
1 inch	25mm	25mm	165mm	125mm	17.5mm	124mm	88.9mm	19mm	04	3.4
1 ½ inch	40mm	38mm	190mm	155mm	20.5mm	155.5mm	114.3mm	22mm	04	4.3
2 inch	50mm	51mm	216mm	165mm	22.0mm	165mm	127mm	19mm	08	9
2 ½ inch	65mm	64mm	241mm	190mm	25mm	190.5mm	149.3mm	22mm	08	15
3 inch	80mm	76mm	282mm	210mm	28.5mm	209.5mm	168mm	22mm	08	22
4 inch	100mm	102mm	305mm	255mm	32mm	254.0mm	200mm	25mm	08	34
6 inch	150mm	152mm	403mm	320mm	36.5mm	317.5mm	269.7mm	22mm	12	60

