

Code: 1006C - SS316 Ball Valve Two Piece Design Flanged End (600 Class)

Applicable Standard:

MFG. STD. : BS 5351 / API 608

Testing STD: BS 5146 / API 598

Face to Face: ANSI B16.10

End Connection: ASME B16.5 600 Class RF

Type: Full Port, Fire Safe Design

Size Range: 25mm to 150mm (1 inch to 6 inch)

Max Working Temperature: 200 Deg. C

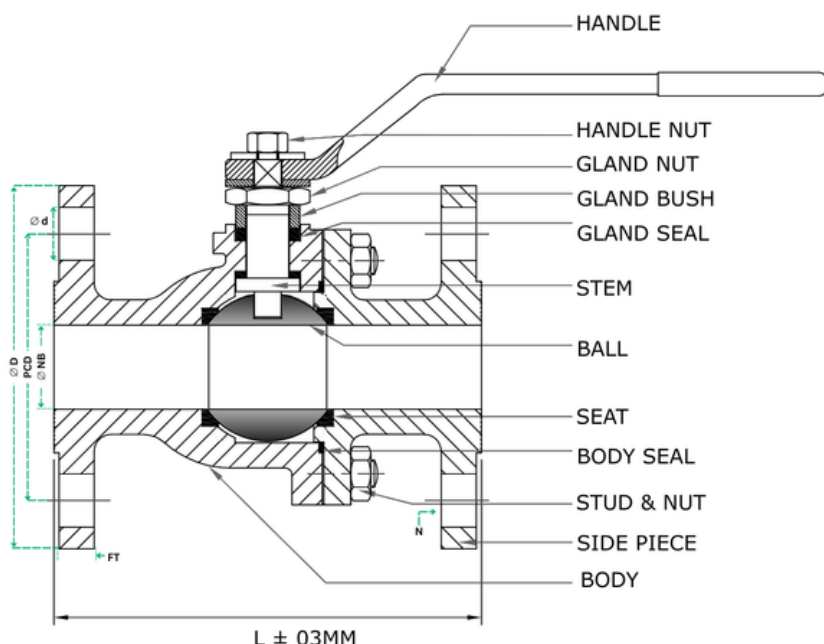
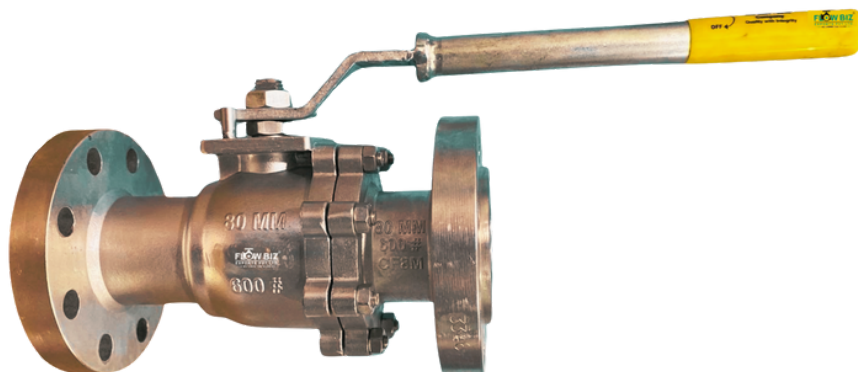
Pressure Rating: As per 600 Class

Hydraulic Test Pressure:

Body: 157 Kg/cm² (2175 psig)

Seat: 78 Kg/cm² (1080 psig)

Seat (Pneumatic): 07 Kg/cm²



Part Name	Material	QTY.
Body	ASTM A351 Gr. CF8M	01
Side Piece	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 - 600

SIZE		Ø NB	L End to End	ØD Flange OD	FT Flange Thickness	PCD	Ø d Hole Dia	N No. of Holes	Approx Weight
inch	mm								Per Unit in Kg.
1 inch	25mm	25NB	216mm	125mm	17.5mm	88.9mm	19.1mm	04	12
1 ½ inch	40mm	40NB	241mm	155mm	22.2mm	114.3mm	22.3mm	04	19
2 inch	50mm	50NB	292mm	165mm	25.4mm	127mm	19.1mm	08	23
2 ½ inch	65mm	65NB	330mm	190mm	28.6mm	149.2mm	22.3mm	08	34
3 inch	80mm	80NB	356mm	210mm	31.8mm	168.3mm	22.3mm	08	42
4 inch	100mm	100NB	432mm	275mm	38.1mm	216.9mm	25.4mm	08	98
6 inch	150mm	150NB	559mm	355mm	47.6mm	292.1mm	28.6mm	12	128

