

Code: 1004C - SS316 Ball Valve Two Piece Design Flanged End (150 Class)

Applicable Standard:

MFG. STD. : BS 5351 / API 608

Testing STD: BS 5146 / API 598

Face to Face: ANSI B16.10

End Connection: ASME B16.5 150 Class RF

Type: Full Port, Fire Safe Design

Size Range: 15mm to 250mm (½ inch to 10 inch)

Max Working Temperature: 200 Deg. C

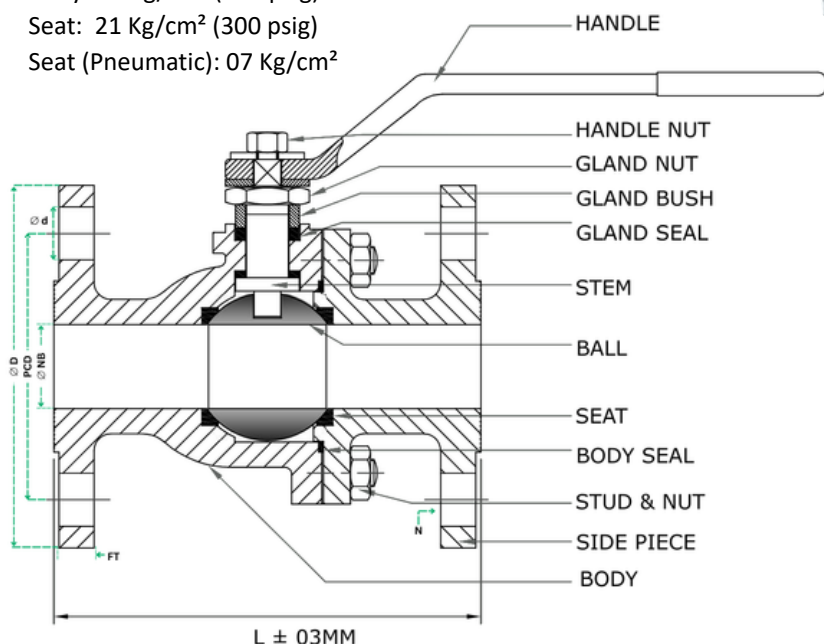
Pressure Rating: As per 150 Class

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 Piece	ASTM A351 Gr. CF8M	01
Ball	AISI 316	01
Seat	PTFE / CFT / GFT	02
Body Seal	PTFE / CFT / GFT	01
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

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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	15mm	108mm	89mm	10mm	35mm	60.5mm	16mm	04	1.2
¾ inch	20mm	20mm	117mm	98mm	10.5mm	43mm	70.0mm	16mm	04	1.4
1 inch	25mm	25mm	127mm	108mm	11mm	51mm	79.2mm	16mm	04	2.7
1 ¼ inch	32mm	32mm	140mm	117mm	12.7mm	64mm	90mm	16mm	04	4
1 ½ inch	40mm	40mm	165mm	127mm	14.3mm	73mm	98.5mm	16mm	04	4.6
2 inch	50mm	50mm	178mm	152.4mm	15.7mm	92mm	120.6mm	19mm	04	6.7
2 ½ inch	65mm	63mm	190mm	178mm	17.5mm	105mm	139.7mm	19mm	04	10.2
3 inch	80mm	80mm	203mm	190.5mm	19mm	127mm	152.4mm	19mm	04	15.1
4 inch	100mm	100mm	229mm	228.6mm	24mm	157mm	190.5mm	19mm	08	18
5 inch	125mm	125mm	254mm	254mm	24mm	186mm	215.9mm	22mm	08	19.2
6 inch	150mm	150mm	267mm	279mm	25mm	216mm	241.3mm	22mm	08	45
8 inch	200mm	200mm	292mm	343mm	28.5mm	270mm	298.4mm	22mm	08	80
10 inch	250mm	250mm	330mm	406mm	30mm	324mm	362mm	25mm	12	120

