

Code: 1005C - SS316 Ball Valve Two Piece Design Flanged End (300 Class)

Applicable Standard:

MFG. STD. : BS 5351 / API 608

Testing STD: BS 5146 / API 598

Face to Face: ANSI B16.10

End Connection: ASME B16.5 300 Class RF

Type: Full Port, Fire Safe Design

Size Range: 15mm to 200mm (½ inch to 8 inch)

Max Working Temperature: 200 Deg. C

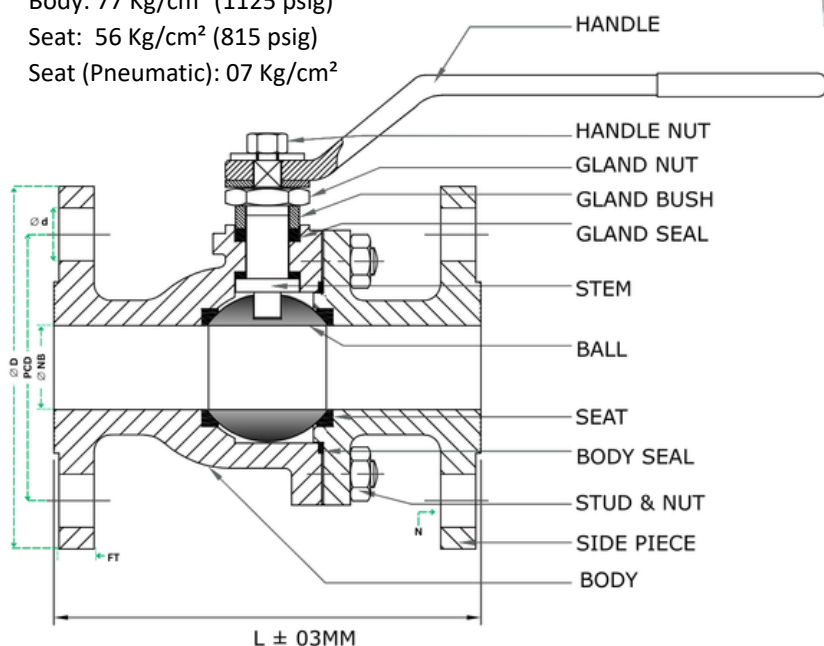
Pressure Rating: As per 300 Class

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 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

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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	140mm	95mm	14.2mm	35mm	66.5mm	16mm	04	1.8
¾ inch	20mm	20mm	152mm	117mm	15.7mm	43mm	82.5mm	19mm	04	3
1 inch	25mm	25mm	165mm	124mm	17.5mm	51mm	88.9mm	19mm	04	4
1 ¼ inch	32mm	32mm	178mm	133mm	19mm	64mm	98.5mm	19mm	04	5.5
1 ½ inch	40mm	40mm	190.5mm	155.5mm	20.5mm	73mm	114.3mm	22mm	04	6
2 inch	50mm	50mm	216mm	165mm	22mm	92mm	127mm	19mm	08	10
2 ½ inch	65mm	65mm	241mm	190.5mm	25mm	105mm	149.3mm	22mm	08	18
3 inch	80mm	80mm	282.5mm	209.5mm	28.5mm	127mm	168mm	22mm	08	24
4 inch	100mm	100mm	305mm	254mm	32mm	157mm	200mm	22mm	08	40
5 inch	125mm	125mm	381mm	279.4mm	35mm	186mm	235mm	22mm	08	85
6 inch	150mm	150mm	403mm	317.5mm	36.5mm	216mm	260.7mm	22mm	12	96
8 inch	200mm	200mm	419mm	381mm	41mm	270mm	330.2mm	25mm	12	140

