

Code: 1007D - Cast Iron Ball Valve Three Piece Design Flanged End (125 Class)

Applicable Standard:

MFG. Standard: Generally Conforming to BS 5159

Testing Standard: Generally Conforming to BS EN 12266-1 / BS 5159

Face to Face: ASME B16.10

End Connection: ASME B16.10

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

Max Working Temperature: 120 Deg. C

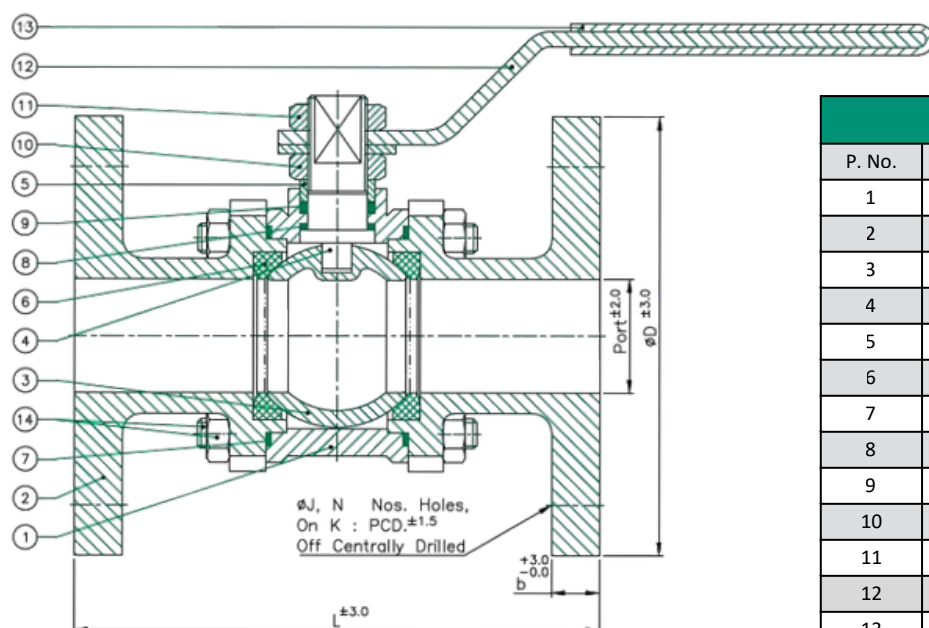
Pressure Rating : As Per 125 Class

Hydraulic Test Pressure

Body : 15 Kg/cm²

Seat : 10 kg/cm²

Seat (Penumatic) : 07kg/cm²



BILL OF MATERIAL			
P. No.	Qty.	Nomenclature	Material
1	1	Body	C.I to IS 210 Gr. FG200
2	2	Connectors	C.I to IS 210 Gr. FG200
3	1	Ball	SS 304
4	1	Stem	SS 304
5	1	Gland	Carbon Steel
6	2	Ball Seals	PTFE
7	2	Body Seals	PTFE
8	1	Stem Packing	PTFE
9	As req.	Gland Packing	PTFE
10	1	Gland Nut	Carbon Steel
11	1	Stem Nut	Carbon Steel
12	1	Handle	Carbon Steel
13	1	Sleeve	PVC
14	As req.	Body Studs & Nuts	Carbon Steel

CLASS - 125

SIZE		L End to End	Ø D Flange OD	b Flange Thickness	Ø J Hole Dia	N Nos. of Hole	K PCD	Approx Weight
inch	mm							Per Unit Kg.
½ inch	15mm	108mm	89mm	10mm	16mm	04	60.5	1.2
¾ inch	20mm	117mm	98mm	10.5mm	16mm	04	70.0	1.4
1 inch	25mm	127mm	108mm	11mm	16mm	04	79.2	2.7
1 ¼ inch	32mm	140mm	117mm	12.7mm	16mm	04	90	4
1 ½ inch	40mm	165mm	127mm	14.3mm	16mm	04	98.5	4.6
2 inch	50mm	178mm	152.4mm	15.7mm	19mm	04	120.6	6.7
2 ½ inch	65mm	190mm	178mm	17.5mm	19mm	04	139.7	10.2
3 inch	80mm	203mm	190.5mm	19mm	19mm	04	152.4	15.1
4 inch	100mm	229mm	228.6mm	24mm	19mm	08	190.5	18
5 inch	125mm	254mm	254mm	24mm	22mm	08	215.9	19.1
6 inch	150mm	267mm	267mm	25mm	22mm	08	241.3	45

