ZOLOTO®
VALVES
since 1966

AN ISO 9001, 14001 & 45001
CERTIFIED COMPANY

1088 Cast Steel Three Piece Design Ball Valve, Class-150 (Screwed) I.B.R

Salient Features

- Design Standard BS EN ISO 17292 (BS 5351).
- Screwed Female Ends to BSPT / NPT / Socket Weld.
- Reduced Bore, Three Piece Design.
- Superb in Quality and Performance.

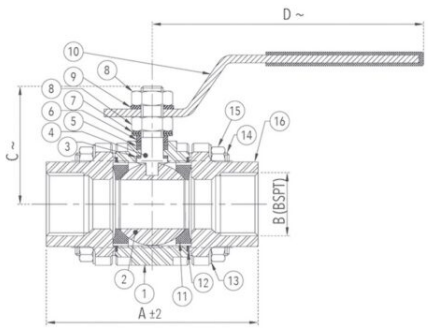


Test Pressure (Hydrostatic) :
Shell : 31 kg/cm²g (440psig)
Seat : 21kg/cm²g (300 psig)
Seat (Steam) : 10.55 kg/cm²g (150 psig)
Maximum Working Temperature : 220°C

Suitable For
Steam, Water, Oil

Materials

P.No.	Name of Part	Material of Construction	Specification	Qty.
1	Body	Cast Steel	ASTM A 216 Gr. WCB	1
2	Ball	Stainless Steel	ASTM A 276 Type 304 / ASTM A 351 Gr. CF8	1
3	Thrust Washer	PTFE 35% Carbon Filled	– – –	1
4	Stem	Stainless Steel	ASTM A 276 Type 316	1
5	Packing Ring	PTFE 35% Carbon Filled	– – –	2
6	Gland	Stainless Steel	ASTM A 276 Type 304	1
7	Cup Washer	Stainless Steel	ASTM A 276 Type 304	2
8	Nut	H.T Steel	ASTM A 194 Gr. 2H	2
9	Spring Washer	Spring Steel	EN 47 Gr. B	1
10	Lever	Carbon Steel	– – –	1
11	Body Seat Ring	PTFE	– – –	2
12	Gasket	PTFE	– – –	2
13	Spring Washer	Spring Steel	EN 47 Gr. B	8
14	Studs	Alloy Steel	ASTM A 193 Gr. B7	4
15	Nuts	H.T Steel	ASTM A 194 Gr. 2H	8
16	End Connector	Cast Steel	ASTM A 216 Gr. WCB	2



Sizes / Dimensions

Size (Inches)	Size (mm)	A ±2	B	C ~	D ~
1/2	15	69	1/2″	38	112
3/4	20	73	3/4″	40	125
1	25	95	1″	57	168
1 1/4	32	105	1 1/4″	65	168
1 1/2	40	115	1 1/2″	75	177
2	50	128	2″	80	220

~ ±10

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