ZOLOTO®
VALVES
since 1966

AN ISO 9001, 14001 & 45001
CERTIFIED COMPANY

1083A Cast Iron Non Return Valve PN 1.6 (Flanged)

Salient Features

- Design Standard IS 5312 – 1 .
- Flanged Ends to IS 1538.
- Seating design – Swing Type.
- Bolted Cover.
- Renewable Seat with Premium Quality Rubber Flap.
- Flexible installation (Horizontal / Vertical)

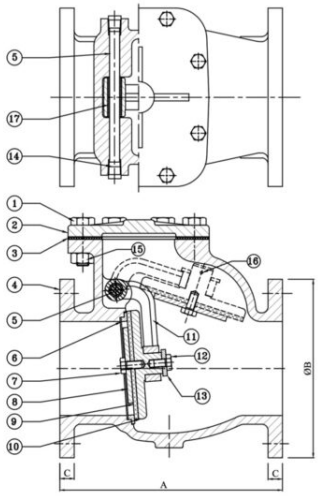


PN 1.6 –
Test Pressure (Hydrostatic) :
Shell : 2.4 MPa
Seat : 1.6 MPa
Maximum Working Temperature : 80°C

Suitable For
Water

Materials

P.No.	Name of Part	Material of Material	Specification	Qty.
1	Bolts	Carbon Steel	IS 1363 Part 1 Class 4.6	As Reqd.
2	Cover	Cast Iron	IS 210 Gr. FG 200	1
3	Gasket	Nitrile Rubber	IS 638 Type B	1
4	Body	Cast Iron	IS 210 Gr. FG 200	1
5	Hinge Pin	Stainless Steel	IS 6603 Gr. X04 Cr19Ni9	1
6	Body Seat Ring	Bronze	IS 318 Gr. LTB 2	1
7	Bolts	Carbon Steel	IS 1363 Part 1 Class 4.6	1
8	Washer	Carbon Steel	– – –	1
9	Disc Facing	Nitrile Rubber	IS 638 Type B	1
10	Disc	Cast Iron	IS 210 Gr. FG 200	1
11	Hinge	Cast Iron	IS 210 Gr. FG 200	1
12	Bolt (Optional)	Carbon Steel	IS 1363 Part 1 Class 4.6	1
13	Washer	Carbon Steel	– – –	1
14	Plug	Stainless Steel	IS 6603 Gr. 12 Cr12	2
15	Nut	Carbon Steel	IS 1363 Part 3 Class 4.0	As Reqd.
16	Split Pin (Optional)	Carbon Steel	– – –	1
17	Hinge Bush	Bronze	IS 318 Gr. LTB 2	1



Sizes / Dimensions

Size (Inches)	Size (mm)	A	ØB	C
2*	50	203 ±2	165 (+1.5/-1.0)	16 +2
2 1/2*	65	216 ±2	185 (+1.5/-1.0)	16 +2
3	80	241 ±2	200 ±4.5	21 ±3
4	100	292 ±2	220 ±4.5	22 ±3
5	125	330 ±2	250 ±4.5	22.5 ±3
6	150	356 ±2	285 (+5.5/-2.5)	23 ±3
8	200	495 ±3	340 (+5.5/-2.5)	24.5 ±3
10	250	622 ±3	395 (+5.5/-2.5)	26 ±3
12	300	698 ±3	445 (+5.5/-2.5)	27.5 ±3

* Flanges as per IS 5312.

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