

Cast Iron Non Return Valve (Flanged)

Article No. 1083



**Salient Features**

- Design Standard IS 5312-1 1984.
- Flanged Ends to IS 1538.
- Swing Type Seating.
- Bolted Cover.
- Renewable Seat with Rubber Flap.

**Suitable For**

Steam
Water ■
Oil
Air
Gases

PN10 - Shell Test Pressure (Hydraulic) 1.5 MPa Seat Test Pressure (Hydraulic) 1.0 MPa

PN16 - Shell Test Pressure (Hydraulic) 2.4 MPa Seat Test Pressure (Hydraulic) 1.6 MPa

**Materials of Construction**

Name of Part	Material	Specification
Body, Bonnet & Disc	Cast Iron	IS 210 Gr. FG 200
Hinge	Cast Iron	IS 210 Gr. FG 200
Body Ring	Bronze	IS 318 Gr. LTB 2
Hinge Pin	S.S / Brass	AISI 410 / IS 6912 Gr. FLB
Gasket & Seat	Rubber	IS 638-2
Bolt, Nut & Plug	Carbon Steel	IS 1367

**Sizes / Dimensions**

Inches	mm	A	B	C
2	50	203 ± 2	165	16
2 1/2	65	216 ± 2	185	16
3	80	241 ± 2	200	21
4	100	292 ± 2	220	22
5	125	330 ± 2	250	22.5
6	150	356 ± 2	285	23
8	200	495 ± 2	340	24.5
10	250	622 ± 2	395	26
12	300	698 ± 3	445	27.5

