

CAST IRON NON-RETURN VALVE (REFLUX VALVE) PN16 – FLANGED

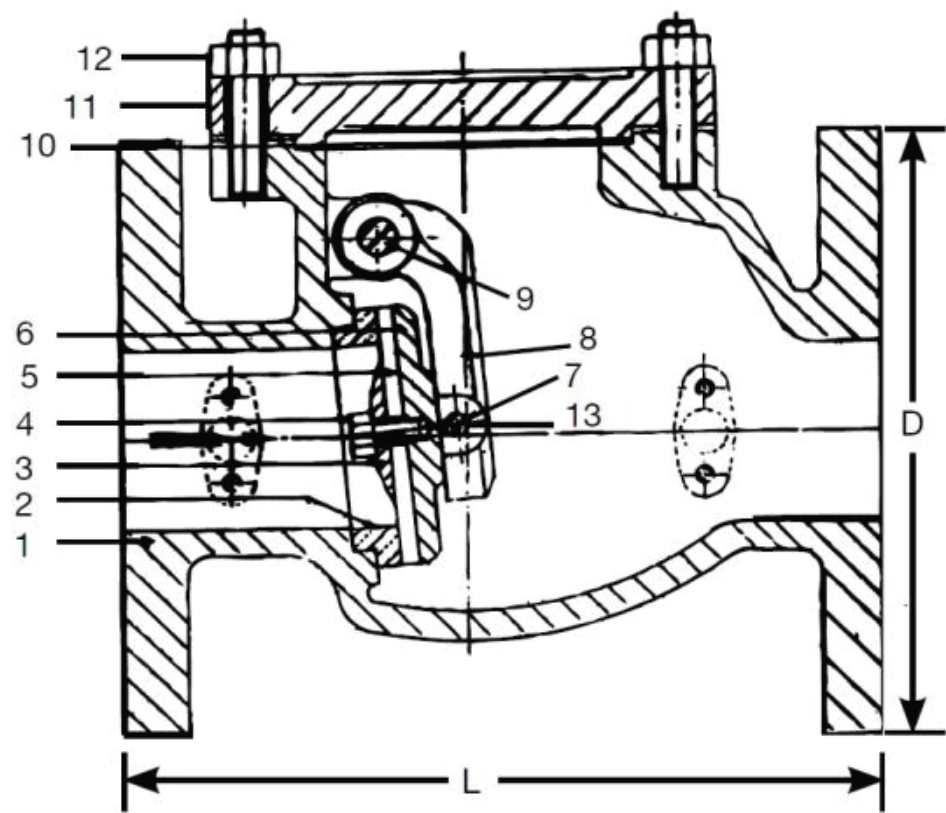
SALIENT FEATURES

- Design Standard - IS 5312:2004
- Renewable Seat Rubber Flap.
- Flexible Installation (Horizontal/Vertical)
- Flange Ends: IS:1538 / EN 1092
- Rating: PN16
- Seating Design - Swing Type



SPECIFICATIONS

Size Range	DN50 - DN300
Pressure Rating	PN 16
Maximum Working Temp	0° to 65° C
Test Pressure (Hydrostatic)	
Shell	24 kg/cm ²
Seat	17.6 Kg/cm ²



PT No.	PART NAME	MATERIAL	SPECIFICATION	QTY.
01	BODY	CAST IRON	IS:210,Gr. FG200	1
02	BODY SEAT RING	RUBBER SEATED	RUBBER SEATED	1
03	DOOR FACE DISC	CAST IRON	IS:210,Gr. FG200	1
04	DOOR BOLT	CARBON STEEL	CARBON STEEL	1
05	DOOR PACKING	RUBBER	RUBBER	1
06	DOOR	CAST IRON	C.I	1
07	DOOR SUSPENSION PIN	STAINLESS STEEL	AISI 202	1
08	HINGE	CAST IRON	IS:210,Gr. FG200	1
09	HINGE PIN	STAINLESS STEEL	ASTM A276 TYPE410	1
10	GASKET	RUBBER	RUBBER	1
11	COVER	CAST IRON	IS:210,Gr. FG220	1
12	STUD & NUT	CARBAN STEEL	ASTM A 193 Gr. B7	TO SUIT
			ASTM A 194 Gr. 2H	
13	PLUG HINGE PIN	BRONZE / GUN METAL	BRONZE / GUN METAL	1

DIMENSIONS (mm)

SIZE	50	65	80	100	125	150	200	250	300
MM (INCH)	(2")	(2-1/2")	(3")	(4")	(5")	(6	(8")	(10")	(12")
Length (L) ±1.5	203	216	241	292	330	356	495	622	698
D D ±2.5	165	185	200	220	250	285	340	395	445
PCD ±2	125	145	160	180	210	240	295	350	400

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