

Check Valve / Non Return Valves

Flanged Ended Non Return Valves

With the assistance of our professionals, we are involved in offering a comprehensive range of Flanged Ended Non Return Valves. These valves are fabricated in tandem with the IS: 5312 and BS: 1868 standards. Available in different pressure rating and sizes, these are offered at most competitive prices.

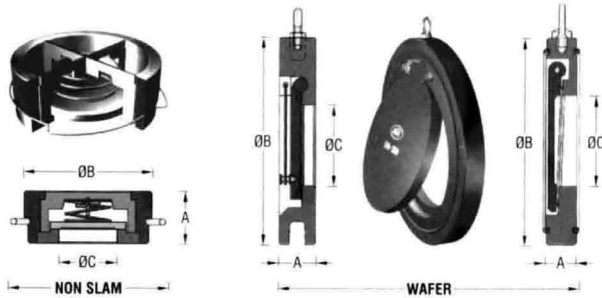
Specifications:

- Pressure Rating : Class 150#, 300#, PN, 1.0, PN 1.6
- Manufacturing Standard: Generally Conforming to IS: 5312, BS: 1868.
- Range: 50mm - 600mm (Higher Sizes on request).

BILL OF MATERIALS		
Part No.	Part Description	MOC
1	BODY	C.I./D.I./W.C.B./S.S.
2	COVER	C.I./D.I./W.C.B./S.S.
3	HINGE	C.I./D.I./W.C.B./S.S.
4	SEAT RING	L.T.B./S.S.
5	DISC	C.I./D.I./W.C.B./S.S.
6	DISC NUT	Carbon Steel/ S.S.
7	DISC WASHER	Carbon Steel/ S.S.
8	HINGE PIN	S.S.
9	COVER GASKET	Asbestos filler S.S. Spiral Wounded / Soft Iron / Graphoil
10	COVER STUD	Carbon Steel/ S.S.
11	COVER NUT	Carbon Steel/ S.S.

CHECK VALVES

NON SLAM & WAFER TYPE



CE 0044

	NON SLAM	WAFER
DESIGN STD	BDK STD	API 6D/BDK
TESTING STD	API 598	API 6D/598

	Test Pressure in bar (psi)			
	NONSLAM		WAFER	
Pressure rating	Class 150	Class 300	PN10	PN40
Hyd. Shell	30 (435)	77 (1117)	15 (217)	60 (870)
Seat	22 (319)	57 (827)	11 (159)	44 (638)

Dimensions are in mm (inch)

NON SLAM						WAFER				
SIZE	A	B	C	Wt (1)		A	B • Class 150	C	Wt (1)	
mm (inch)										
15 (½)	17 (0.7)	38 (1.5)	14 (0.6)	0.17	(0.4)	-	-	-	-	-
20 (¾)	20 (0.8)	47 (1.9)	19 (0.7)	0.23	(0.5)	-	-	-	-	-
25(1)	23 (0.9)	54(2.1)	24 (0.9)	0.30	(0.7)	-	-	-	-	-
32 (1¼)	28 (1.1)	67 (2.6)	32 (1.3)	0.60	(1.3)	-	-	-	-	-
40 (1½)	32 (1.3)	76 (3.0)	38 (1.5)	0.70	(1.5)	-	-	-	-	-
50(2)	40 (1.6)	96 (3.8)	48 (1.9)	1.2	(2.6)	19 (0.7)	104.5 (4.1)	30 (1.2)	1.5	(3.3)
65 (2½)	46 (1.8)	109 (4.3)	63 (2.5)	1.8	(4.0)	19 (0.7)	124 (4.9)	38 (1.5)	2	(4.4)
80(3)	50 (2.0)	131 (5.2)	76 (3.0)	2.6	(5.7)	19 (0.7)	136.5 (5.4)	52 (2.0)	2.5	(5.5)
100 (4)	60 (2.4)	162 (6.4)	98 (3.9)	4.6	(10)	19 (0.7)	164.5 (6.9)	72 (2.8)	3	(6.6)
125(5)	90 (3.5)	194 (7.6)	125 (4.9)	11.5	(25)	22 (0.9)	197 (7.8)	90 (3.5)	4	(8.8)
150(6)	106 (4.2)	224 (8.8)	150 (5.9)	16	(35)	22 (0.9)	222.5 (8.8)	115 (4.5)	6	(13)
200(8)	140 (5.5)	291 (11.5)	200 (7.9)	31	(68)	29 (1.1)	279.5 (11.0)	158 (6.2)	14	(31)
250(10)	200 (7.9)	329 (13.0)	250 (9.8)	30	(66)	38 (1.5)	340 (13.4)	196 (7.7)	19	(42)
300(12)	250 (9.8)	384 (15.1)	300 (11.8)	50	(110)	38 (1.5)	409.5 (16.1)	242 (9.5)	27	(60)
350(14)	-	-	-	-	-	45 (1.8)	448 (17.6)	270 (10.6)	41	(90)
400(16)	-	-	-	-	-	51 (20)	511.5 (20.1)	310 (12.2)	56	(123)
450(18)	-	-	-	-	-	60 (2.4)	546 (21.5)	360 (14.2)	78	(172)
500(20)	-	-	-	-	-	64 (2.5)	603 (23.7)	405 (15.9)	101	(223)
600(24)	-	-	-	-	-	76 (3.0)	714.5 (28.1)	460 (18.1)	180	(397)
700(28)	-	-	-	-	-	89 (3.5)	828.5 (32.6)	510 (20.1)	240	(529)
800(32)	-	-	-	-	-	102 (4.0)	937 (36.9)	610 (24.0)	310	(683)
900(36)	-	-	-	-	-	127 (5.0)	1045 (41.1)	700 (27.6)	445	(981)
1000(40)	-	-	-	-	-	146 (5.7)	1159 (45.6)	770 (30.3)	640	(1411)
1200(48)	-	-	-	-	-	172 (6.8)	1381 (54.4)	965 (38.0)	1075	(2370)
1400(56)	-	-	-	-	-	203 (8.0)	1603 (63.1)	1100 (43.3)	1700	(3748)
1600(64)	-	-	-	-	-	229 (9.0)	1724 (67.9)	1250 (49.2)	2650	(5842)

Materials

Body	Cast iron ASTM A126 Gr. WCB / Stainless Steel A351 Gr. CF8 / CF8M / Ductile Iron ASTM A395 / S.G. Iron EN 1563 No. EN-JS1024
Disc & Cover	Stainless Steel ASTM A276 Type 410 / 304 / 316 / ASTM A217 Gr. CA15 / Carbon Steel ASTM A216 Gr. WCB / Stainless Steel ASTM A351 Gr. CF8 / CF8M / Ductile Iron ASTM A395 / S.G. Iron EN1563 No. EN-JS1024
Guide plate & Spring	Stainless Steel ASTM A240-Type 316 / ASTM A312 Type 316
O-ring (For Water Check only)	EPDM (Other grades available on request)
Hinge pin	Stainless Steel ASTM A276 Type 410 / 304 / 316
Surface Protection for Ductile Iron and Cast Carbon Steel Valves	Prime Coat : Chlorine free with modified alkyd resin unobjectionable in physiological and toxicological respects. Additional external coating : Enamel.

1) Nett in Kg.(lbs) approx. (without obligation) ■ Valves can be supplied to suit ASME / BE / DIN Flanges. Ductile Iron only for Wafer check Valves ■ Cover & Guide plate applicable for Non Slam only. ■ Spring applicable for Water Check Valves from Sizes 50mm (2") to 300mm (12") & Non Slam only ■ Ductile Iron Valves can be supplied with soft seating arrangement on request Please Specify Working Pressure, Temperature & Service conditions. ■ Other materials not mentioned above available on request.