



DIMENSIONS OF IS : 5312 (PART - 1) 1984 ISI MARKED

SIZE NB	FACE TO FACE A	HEIGHT PIN DIA (MIN) B	FLANGE DIA D	PCD C	FLANGE THK (t)	N/D	HEIGHT (MAX) H
50	200±2	10	165	125	16.0	4/18	130
65	240±2	10	185	145	16.0	4/18	150
80	260±2	10	200	160	21.0	4/19	160
100	300±2	12	220	180	22.0	8/19	195
125	350±2	12	250	210	22.5	8/19	210
150	400±3	16	285	240	23.0	8/23	210
200	500±3	20	340	295	24.5	8/23	245
250	600±3	22	395	350	26.0	12/23	290
300	700±4	25	445	400	27.5	12/23	410
350	800±4	25	505	460	29.0	16/23	455
400	900±5	32	565	515	30.0	16/28	525
450	1000±5	32	615	565	31.5	20/28	580
500	1100±6	38	670	620	33.0	20/28	690
600	1300±6	38	780	725	36.0	20/31	700

MULTI-DOOR IS : 5312 (PART-2)/1986

SIZE NB	FACE TO FACE L	HEIGHT (MAX) H1	FROM DUCK FOOT H	SIZE OF DUCKFOOT E X F
500	815±4	1150	600	200X250
600	914±5	1333	685	254X254
700	1000±5	1446	750	300X375
750	1045±5	1446	750	300X375
800	1118±5	1634	850	300X375
900	1250±5	1570	815	300X375
1000	1250±5	1730	915	300X375
1100	1396±6	2069	1080	400X450
1200	1500±6	2250	1175	400X450

NOMINAL SIZE	GUAGE TEST PRESSURE (kg/Cm ²)	
	BODY	SEAT
IS : 5312 (PART - 1) 1984		
50 to 125 mm	25 Kg/Cm ²	15Kg/Cm ²
150 to 300mm	20Kg/Cm ²	10Kg/Cm ²
350 to 600mm	17Kg/Cm ²	8Kg/Cm ²
IS : 5312 (PART - 1) 1986		
PN 0.6	9Kg/Cm ²	6Kg/Cm ²
PN 1.0	15Kg/Cm ²	10Kg/Cm ²

NO.	DESCRIPTION	MATERIALS & SPECN.
1.	BODY	C.I, IS:210 FG 200/260
2.	DISC	C.I, IS:210 FG 200/260
3.	HINGE	C.I, IS:210 FG 200/260
4.	COVER	C.I, IS:210 FG 200/260
5.	BODY SEAT RING	G.M.L T B-2, IS : 318/S.S. 410/304
6.	DISC FACE RING	G.M.L T B-2, IS : 318/S.S. 410/304
7.	HINGE PIN	H.T.B., IS : 320, HT-2/SS 410 / 340
8.	GASKET	RUBBER / C.A.F.
9.	COVER PLUG	M.S., GALVANISED
10.	BOLTS & NUTS	CARBON STEEL, IS : 1367
11.	DIAPHRAGM	C.I., IS : 210 FG 200/260
12.	DOOR PIN	H.T.B., IS : 320, HT-2/SS 410 / 304
13.	DOOR FACE	NATURAL RUBBER

*APPLICATION : REFLUX VALVES ARE USED IN PIPE LINES TO REDUCE WATER HAMMER AND TO PREVENTT BACK FLOW OF WATER TO THE PUMP FROM RISING MAINS. THESE VALVES ARE SUITABLE FOR HANDLING CLEAR WATER HAVING TURBIDITY OF 3000 PPM (MAX) WITH IN THE LIMITS OF THE W/PRESSURE. SUITABLE FOR TEMP. 50o C.

*ALL DIMENSIONS ARE IN MM.

*FLANGES :

STANDARD : DRILLED TO IS : 1538

OPTIONAL : DRILLED TO DIN/ANSI/BS

*STRONG HINGE PIN MADE FROM WROUGHT BRASS OR SS.

*SOFT SEATED VALVES INCORP. NITRILE RUBBER OR TEFLON VALVE DISC FOR SP. APPL.

*RENEWABLE G.M. OR S.S. TRIM

*SUFFICIENT OPENING TO ALLOW FULL FLOW WITH LEAST POSSIBLE PRESSURE DROP.

* Accessories :

- By-Pass Arrangement
- Counter Weight Arrangement
- Drain Plug

*Other Special Materials of Construction Suitable for Higher Pressure / Temperature Services Available on Request.