



SR. NO.	PARTS NAME	QTY.	MATERIALS
1	BODY	01	ASTM A 216 Gr. WCB ASTM A 351 Gr. CF8 ASTM A 351 Gr. CF8M GM (85/5/5/5) IS 210 Gr. FG 220
2	STUD & NUT	Req.	ALLOY 20 ASTM A 193 Gr. B7 ASTM A 194 Gr. 2H S.S. 304 S.S. 304 S.S. 316 GM
3	SCREEN	01	S.S. 304 S.S. 316 GM
4	COVER	01	ASTM A 216 Gr. WCB ASTM A 351 Gr. CF8 ASTM A 351 Gr. CF8M GM (85/5/5/5) IS 210 Gr. FG 220 ALLOY 20

STANDARD SPECIFICATION :-
 END TO END :- AS PER DIN ND - 40 TYPE
 ENDS:- FLANGED AS PER DIN 2543,2535,2545
 ANSI B 16.5/BS 1560 SCREWED BSP
 SOCKET WELD TO ANSI B 16.34

HVD. TEST PRESSURE :- 150 #
 BODY:- 80 KG/CM2

SIZE	NB	A	D	F	N	E	J	T
200	203	600	375	285	12	320	30	35
150	152	480	300	218	08	250	27	28
125	126	400	270	180	08	220	27	26
100	102	350	235	162	08	190	23	24
80	76	310	200	138	08	160	18	24
65	64	290	185	122	08	145	18	22
50	51	230	165	102	04	125	18	20
40	38	200	150	68	04	110	18	18
25	25	160	115	68	04	85	14	18

DIMENSION TABLE

UNSPECIFIED TOLERANCE FOR MACHINED DIM.	DESCRIPTION	MATERIAL
0-75 ± 0.12	ASSEMBLY OF STRAINER	AS STATED
75-300 ± 0.14		
300-600 ± 0.16		
600-1200 ± 0.18		
1200-1800 ± 0.20		
1800-3000 ± 0.25		
3000-6000 ± 0.30		
6000-12000 ± 0.35		
12000-18000 ± 0.40		
18000-30000 ± 0.45		
30000-60000 ± 0.50		
60000-120000 ± 0.55		
120000-180000 ± 0.60		
180000-300000 ± 0.65		
300000-600000 ± 0.70		
600000-1200000 ± 0.75		
1200000-1800000 ± 0.80		
1800000-3000000 ± 0.85		
3000000-6000000 ± 0.90		
6000000-12000000 ± 0.95		
12000000-18000000 ± 1.00		
18000000-30000000 ± 1.05		
30000000-60000000 ± 1.10		
60000000-120000000 ± 1.15		
120000000-180000000 ± 1.20		
180000000-300000000 ± 1.25		
300000000-600000000 ± 1.30		
600000000-1200000000 ± 1.35		
1200000000-1800000000 ± 1.40		
1800000000-3000000000 ± 1.45		
3000000000-6000000000 ± 1.50		
6000000000-12000000000 ± 1.55		
12000000000-18000000000 ± 1.60		
18000000000-30000000000 ± 1.65		
30000000000-60000000000 ± 1.70		
60000000000-120000000000 ± 1.75		
120000000000-180000000000 ± 1.80		
180000000000-300000000000 ± 1.85		
300000000000-600000000000 ± 1.90		
600000000000-1200000000000 ± 1.95		
1200000000000-1800000000000 ± 2.00		

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SCALE	N.T.S.	GHV	DATE
VALVE TYPE			
STRAINER			
PROJECTION			
THIRD ANGLE			
SHEET No.	01	OF	01
DRW. No.			
REV.			