


13	STUD /NUT	ASTM A 193 Gr. B7/A 194 Gr. 2H
12	SEGMENTAL RING	F 6
11	SUPPORT RING	SS 304
10	GASKET	DIA MOULDED GRAPHOIL
9	DISC NUT	ASTM A 194 Gr. 8
8	BONNET	ASTM A 216 Gr. WCB
7	BRACKET	ASTM A 216 Gr. WCB
6	LIVER	ASTM A 216 Gr. WCB
5	HING PIN	AISI 410
4	SEATRING	A105 + ST6 FACING
3	DISC	ASTM A 216 Gr. WCB + ST6 FACING
2	COVER	ASTM A 216 Gr. WCB
1	BODY	ASTM A 216 Gr. WCB
Sr. NO.	ITEM	MATERIALS

NOTE :-
 MATERIAL GIVEN IN TABLE IS FOR REFERENCE ONLY.
 OTHER MATERIALS LIKE CARBON STEEL, LOW CARBON STEEL, ALLOY STEEL, STAINLESS STEEL, DUPLEX STEEL, SUPER DUPLEX STEEL, ALLOY 20, MONEL, INCONEL, HASTELLOY, COPPER ALLOY AVAILABLE AS PER SERVICE REQUIREMENT.

Size	NB	F to F	OD	FT	'K' PCD	Hole X ØD	RF	H
50mm	47	368	215.9	38.1	165.1	8 X 25.4	92	210
65mm	57	419	245	41.3	190.5	8 X 28.4	105	240
80mm	70	470	265	47.7	203.2	8 X 31.7	127	270
100mm	92	546	310	54	241.3	8 X 34.8	157	330
150mm	136	705	395	82.6	317.5	12 X 38.1	216	420
200mm	178	832	485	92.1	393.7	12 X 44.4	269.7	550
250mm	222	991	585	108	482.6	12 X 50.8	323.8	625
300mm	263	1130	675	123.9	571.5	16 X 53.8	381	
350mm	289	1257	750	133.4	635	16 X 60.1	412.8	
400mm	330	1384	825	146.1	704.8	16 X 66.5	469.9	810
450mm	371	1537	915	162	774.7	16 X 72.8	533.4	
500mm	416	1664	985	177.8	831.8	16 X 79.2	584.2	
600mm	498	1943	1170	203.2	990.6	16 X 91.9	692.1	

LIFTING HOOK WILL BE PROVIDED 4" & ABOVE

ENGINEERING DATA	
HYDRO TEST: 1500#	BS 1868 / ASME B 16.34
BODY TEST: 392 kg/cm ²	ASME B 16.10
END CONN.	ASME B 16.5 RF TO 125 - 250AARH
SEAT TEST: 287 kg/cm ²	API 538
TEST CODE	API 538

DRN : B.M.P	 Industrial Valves
CHK : V.G.P	
APRD : S.K.P	SWING CHECK VALVE FLANGED ENDS, 1500#
DATE: 16.07.19	
SCALE: NTS	DRG NO. : NC/SCV/PR/1500/50-600