



11	STUD / NUT	ASTM A 193 Gr. B7 / A 194 Gr. 2H
10	GASKET	SS304 SPW WITH GRAPHITE FILLER
9	DISC NUT	ASTM A 194 Gr. 8
8	WASHER	AISI 410
7	LOCK NUT	ASTM A 194 Gr. 8
6	LEVER	ASTM A 216 Gr. WCB
5	HING PIN	AISI 410
4	SEATRING	A 105 + 13% CR. STEEL
3	DISC	ASTM A 216 Gr. WCB + 13% CR. STEEL
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	1/2 PCD	Hole X ØD	RF	H
50mm	203	150	15.8	120.7	4 X 19.05	92	140
65mm	216	180	17	139.7	4 X 19.05	105	150
80mm	241	190	19.05	152.4	4 X 19.05	127	170
100mm	292	230	23.8	190.5	8 X 19.05	157	215
125mm	330	255	23.8	215.9	8 X 22.5	185.6	215
150mm	356	280	25.4	241.3	8 X 22.3	216	240
200mm	495	345	28.5	298.5	8 X 22.3	269.7	325
250mm	622	405	30.2	362	12 X 25.4	323.8	344
300mm	698	485	31.75	431.8	12 X 25.4	381	405
350mm	787	535	35.05	476.3	12 X 28.4	412.8	455
400mm	864	595	36.5	539.8	16 X 28.4	469.9	475
450mm	978	635	39.6	577.9	16 X 31.7	533.4	529
500mm	978	700	42.9	635	20 X 31.7	584.2	609
600mm	1295	815	47.7	749.3	20 X 35	692.1	664

LIFTING HOOK WILL BE PROVIDED 10" & ABOVE

HYDRO TEST: 150#		ENGINEERING DATA	
DESIGN CODE	BS 1868 / ASME B 16.34	FACE TO FACE	ASME B 16.10
BODY TEST: 32 kg/cm ²		END CONNECTION	ASME B 16.5 RF TO 125 - 250ARRH
SEAT TEST: 22 kg/cm ²		INSPECTION & TESTING	API 598

DRN : B.M.P	
CHK : V.G.P	
APRD : S.K.P	SWING CHECK VALVE FLANGED ENDS, 150#.
DATE: 01.04.19	
SCALE : NTS	
DRG NO. : NC/SCV/150/50 - 600	