

Sr.NO.	ITEM	MATERIALS
10	STUD/NUT	ASTM A 193 Gr. B7/A 194 Gr. 2H
9	GASKET	SS304 SPV WITH GRAPHITE FILLER
8	DISC NUT	ASTM A 194 Gr. 8
7	WASHER	AISI 410
6	LIVER	ASTM A 216 Gr. WCB
5	HING PIN	AISI 410
4	SEATRINING	A105 + 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


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	267	165	22.3	127	8 X 19.05	92	160
65mm	292	190	25.4	149.2	8 X 22.09	105	165
80mm	318	210	29	168.3	8 X 22.3	127	194
100mm	356	255	31.75	200	8 X 22.3	157	210
125mm	400	280	35	235	8 X 22.3	185.6	245
150mm	444	320	36.5	269.9	12 X 22.3	216	264
200mm	533	380	41.1	330.2	12 X 25.4	269.7	325
250mm	622	445	47.7	387.4	16 X 28.5	323.8	344
300mm	711	520	50.8	450.8	16 X 31.75	381	487
350mm	838	585	54	514.4	20 X 31.75	412.8	475
400mm	864	650	57.15	571.5	20 X 34.9	469.9	504
450mm	978	710	60.3	628.6	24 X 34.9	533.4	584
500mm	1016	775	63.5	685.8	24 X 34.9	584.2	686
600mm	1346	915	69.8	812.8	24 X 41.3	692	749

LIFTING HOOK WILL BE PROVIDED 8" & ABOVE

HYDRO TEST: 300#		ENGINEERING DATA	
DESIGN CODE	BS 1868 / ASME B 16.34	END CONNECTION	ASME B 16.5 RF TO 125 - 250AARRH
FACE TO FACE	ASME B 16.10	INSPECTION & TESTING	API 598
BODY TEST: 79 kg/cm ²			
SEAT TEST: 57 kg/cm ²			

DRN : B.M.P	 NORFLOW CONTROLS Industrial Valves
CHK.: V.G.P	
APRD.: S.K.P	SWING CHECK VALVE FLANGED ENDS, 300#.
DATE: 16.07.19	
SCALE: NTS	
DRG NO.: NC/SCV/300/50-600	