


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	SS 410
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
3	DISC	ASTM A 216 Gr. WCB + ST6
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	235
80mm	73	381	240	38.1	190.5	8 X 25.4	127	270
100mm	98	457	290	44.45	234.9	8 X 31.7	157	330
150mm	146	610	380	55.6	317.5	12 X 31.7	216	420
200mm	190.5	737	470	63.5	393.7	12 X 38.1	269.7	536
250mm	238	838	545	69.85	409.9	16 X 38.1	323.8	600
300mm	282	965	610	79.4	533.4	20 X 38.1	381	640
350mm	311	1029	640	85.7	558.8	20 X 41.1	412.8	700
400mm	356	1130	705	88.9	615.9	20 X 44.4	469.9	762
450mm	400	1219	785	101.6	685.8	20 X 50.8	533.4	822
500mm	444.5	1321	855	107.9	749.3	20 X 54	584.2	885
600mm	533.4	1549	1040	139.7	901.7	20 X 66.5	692.1	945

HYDRO TEST: 900#		ENGINEERING DATA	
MFG. STD	BS 1868 / ASME B 16.34		
BODY TEST: 236 kg/cm <sup>2</sup>	ASME B 16.10		
END CONN.	ASME B 16.5 RF TO 125 - 250AARRH		
TEST CODE	API 598		
SEAT TEST: 172 kg/cm <sup>2</sup>			

DRN : B.M.P	 <b>NORFLOW CONTROLS</b> Industrial Valves
CHK : V.G.P	
APRD : S.K.P	<b>SWING CHECK VALVE</b> <b>FLANGED ENDS, 900#.</b>
DATE: 16.07.19	
SCALE: NTS	
DRG NO. : NC/SCV/PR/900/50-600	