



Sr. No.	DESCRIPTION	MATERIAL
01	BODY	ASTMA 216 Gr. WCB / ASTM A 217 Gr. WC6 / WC9 / C5 /
02	COVER	C12 / A352 Gr. LCB / A351 Gr. CF8 / CF8M / CF3 / CF3M /
03	HINGE	CN 7M IS 210 Gr. FG 200 / FG 220 / FG 260 / AISI 904L
04	LIVER	
05	DISC	WCB+13% Cr. FACE / ASTM A 217 Gr. WC6 / WC9 / C5 / C12 / A352 Gr. LCB / A351 Gr. CF8 / CF8M / CF3 / CF3M / CN 7M IS 210 Gr. FG 200 / FG 220 / FG 260 / AISI 904L
06	SEAT RING	ASTMA 105 + 13% Cr. Facing / ASTM A 217 Gr. CA15 / WC6 + STELLITED / ASTM A 351 Gr. CF8 / CF8M / CF3 / CF3M / ALLOY 20 / AISI 904L
07	HINGE PIN	AISI S.S. 410 / AISI S.S.304 / AISI S.S.316 / AISI SS 904L
08	GASKET	AISI S.S.304 / AISI S.S.316 / CAF / GRAPHITE PTFE FILLED (Applicable For Bolted Cover Valves)
09	NUTS	M.S. / AISI S.S. 410 / AISI S.S.304 / AISI S.S.316
10	WASHER	M.S. / AISI S.S. 410 / AISI S.S.304 / AISI S.S.316
11	STUD & NUT	ASTM A 193 Gr. B7 / B16 / B8 / B8M ASTM A 194 Gr. 2H / 7 / 8 / 8M S.S.304 / S.S.316
12	DRAIN PLUG	AISI S.S. 410 / AISI S.S.304 / AISI S.S.316
13	LIFTING HOOK	CARBON STEEL
14	NAME PLATE	S.S. (NOT SHOWN)

STANDARD	
DESIGN MFG. STD.	BS 1868 / API 6D
INSP. & TESTING	API 598 / AWWA C207
FACE TO FACE	API 594 / AWWA C207 (On Req. Dim.)
END CONNECTION	FALNGED ENDS B 16.5 R/F
	ASME B16.5 RF 600# / 900#
	BUTT-WELD END ASME B 16.25
OPERATING	SALF

TESTING STANDARD : API 598			
600# PRESSURE RATING		900# PRESSURE RATING	
BODY	157 Kg/Cm ²	BODY	236 Kg/Cm ²
SEAT	117 Kg/Cm ²	SEAT	173 Kg/Cm ²

ALL DIMENSION ARE IN MM 600#								
SR.NO.	SIZE	FACE TO	FLANGE	RAISED FACE	FLANGE	NO. OF	HOLE DIA.	P.C.D.
	NPS	FACE (L)	O.D. (D)	DIA. (G)	THK. (T)	HOLES (X)	(Y)	(Z)
01	1/2"	15	165	95	35	14.3	04	66.5
02	3/4"	20	190	117	43	16.0	04	82.5
03	1"	25	216	124	51	17.5	04	89.5
04	1.1/4"	32	229	133	64	20.7	04	98.5
04	1.1/2"	40	242	156	73	22.3	04	114.5
05	2"	50	292	165	92	32.4	08	127
06	2.1/2"	65	330	190	105	35.0	08	149.2
07	3"	80	356	210	127	38.0	08	168.3
08	4"	100	432	273	157	44.5	08	216
09	5"	125	508	330	186	51.0	08	266.7
10	6"	150	559	356	216	54.0	12	292
11	8"	200	660	419	270	62.0	12	349.3
12	10"	250	787	508	324	70.0	16	431.8

ALL DIMENSION ARE IN MM 900#								
SR.NO.	SIZE	FACE TO	FLANGE	RAISED FACE	FLANGE	NO. OF	HOLE DIA.	P.C.D.
	NPS	FACE (L)	O.D. (D)	DIA. (G)	THK. (T)	HOLES (X)	(Y)	(Z)
01	1"	25	254	150	51	35.6	04	101.6
02	1.1/4"	32	279	160	64	35.6	04	111.0
03	1.1/2"	40	305	180	73	38.2	04	124.0
04	2"	50	368	216	92	44.5	08	165.0
04	2.1/2"	65	419	244	105	48.0	08	149.2
05	3"	80	381	241	127	44.5	08	190.5
06	4"	100	457	292	157	51.0	08	235.0
07	5"	125	559	349	186	57.0	08	279.4
08	6"	150	610	381	216	62.0	12	317.5
09	8"	200	737	470	270	70.0	12	393.7
10	10"	250	838	546	324	76.5	16	470.0

Order / Enq. No. :-

Job / Project :-

Office : Plot No-2, Shayona Ind. Estate, Nr. Panchratna Ind. Estate, Vatva GIDC Phase-IV, Ahmedabad-382445, Gujarat, India.

Factory : Plot no-14/1A, Panchratna Ind. Estate, Vatva GIDC Phase-IV, Ahmedabad-382445, Gujarat, India.

EMAIL: INFO@FLUIDOMECH.COM/URL:WWW.FLUIDOMECHVALVES.COM. URL: WWW.FLUIDOMECH.COM