



Sr. No.	DESCRIPTION	MATERIAL
01	BODY	ASTM A 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	ASTM A 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 150# / 300#
OPERATING	BUTT-WELD END ASME B 16.25
	SALF

TESTING STANDARD : API 598			
150# PRESSURE RATING		300# PRESSURE RATING	
BODY	32 Kg/Cm ²	BODY	79 Kg/Cm ²
SEAT	23 Kg/Cm ²	SEAT	58 Kg/Cm ²
BACK SEAT	23 Kg/Cm ²	BACK SEAT	58 Kg/Cm ²
SEAT	07 Kg/Cm ²	SEAT	07 Kg/Cm ²

ALL DIMENSION ARE IN MM 150#									
SR.NO.	SIZE	FACE TO FACE (L)	FLANGE O.D. (D)	RAISED FACE DIA. (G)	FLANGE THK. (T)	NO. OF HOLES (X)	HOLE DIA. (Y)	P.C.D. (Z)	
01	1/2"	15	108	89	35	11.1	04	16.0	60.3
02	3/4"	20	117	98	43	11.1	04	16.0	69.8
03	1"	25	127	108	51	11.1	04	16.0	79.5
04	1.1/4"	32	140	117	64	12.7	04	16.0	89.0
04	1.1/2"	40	165	125	73	14.3	04	16.0	98.5
05	2"	50	203	150	92	16.0	04	19.0	120.7
06	2.1/2"	65	216	178	105	17.5	04	19.0	139.7
07	3"	80	241	190	127	19.5	04	19.0	152.4
08	4"	100	292	229	157	24.0	08	19.0	190.5
09	5"	125	330	254	186	24.0	08	22.2	216.0
10	6"	150	356	279	216	25.4	08	22.2	241.3
11	8"	200	495	343	270	28.6	08	22.2	298.5
12	10"	250	622	405	324	30.5	12	25.4	362.0

ALL DIMENSION ARE IN MM 300#									
SR.NO.	SIZE	FACE TO FACE (L)	FLANGE O.D. (D)	RAISED FACE DIA. (G)	FLANGE THK. (T)	NO. OF HOLES (X)	HOLE DIA. (Y)	P.C.D. (Z)	
01	1"	25	216	124	51	17.5	04	19.0	89.0
02	1.1/4"	32	229	133	64	19.0	04	19.0	98.5
03	1.1/2"	40	242	156	73	20.7	04	22.2	114.5
04	2"	50	267	165	92	22.2	08	19.0	127.0
04	2.1/2"	65	292	190	105	25.4	08	22.2	149.2
05	3"	80	318	210	127	29.0	08	22.2	168.3
06	4"	100	356	254	157	32.0	08	22.2	200.0
07	5"	125	400	279	186	35.0	08	22.2	235.0
08	6"	150	445	318	216	36.5	12	22.2	270.0
09	8"	200	533	380	270	41.5	12	25.4	330.5
10	10"	250	622	445	324	48.0	16	28.5	387.4

Order / Enq. No. :-
Job / Project :-