



Sr. No.	DESCRIPTION	MATERIAL
01	BODY	ASTM A 216 Gr. WCB / 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
02	BONNET	
03	WEDGE	
04	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
05	GASKET	AISI S.S.304 / AISI S.S.316 / CAF / GRAPHITE PTFE FILLED (Applicable For Bolted Cover Valves)
06	SPINDLE	
07	BACK SEAT	S.S. 410 / S.S.304 / S.S.316 / S.S.304L / S.S.316L / ALLOY 20
08	GLAND BUSH	
09	GLAND FLANGE	S.S. 410 / S.S.304 / S.S.316 / S.S.304L / S.S.316L / ALLOY 20 / ASTM A 216 Gr. WCB / CARBON STEEL
10	STUD & NUT	ASTM A 193 Gr. B7 / B16 / B8 / B8M / ASTM A 194 Gr. 2H
11	EYE BOLT & NUT	ASTM A 194 Gr. 7 / 8 / 8M / S.S.304 / S.S.316
12	GLAND PACKING	DIE MOLD GRAPHITE RING
13	YOKE SLEEVE	S.G.IRON / ASTM A 439 Gr.D2 / DUSTILE IRON
14	HAND WHEEL	S.G.IRON / CARBON STEEL
15	WHEEL NUT	C.S. / A194 Gr. 2H / S.S. 304 / S.S. 316
16	NAME PLATE	S.S. (NOT SHOWN)

STANDARD	
DESIGN MFG. STD.	API 600
INSP. & TESTING	API 598
FACE TO FACE	ASME B 16.10
END CONNECTION	FALNGED ENDS B 16.5 R/F
	ASME B16.5 RF 150# / 300#
	BUTT-WELD END ASME B 16.25
OPERATING	HAND WHEEL OPERATING

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	SEAT	58 Kg/Cm ²
AIR	07 Kg/Cm ²	SEAT	07 Kg/Cm ²

NOTE :- 8" ABOVE YOKE ARRANGEMENT

NOTE :- GEAR OPERATED AS PER CLIENT REQVIDE

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
05	1 1/2"	40	165	125	73	14.3	04	16.0	98.5
06	2"	50	178	150	92	16.0	04	19.0	120.7
07	2 1/2"	65	190	178	105	17.5	04	19.0	139.7
08	3"	80	203	190	127	19.0	04	19.0	152.4
09	4"	100	229	229	157	24.0	08	19.0	190.5
10	5"	125	254	254	186	24.0	08	22.2	216.0
11	6"	150	267	279	216	25.4	08	22.2	241.3
12	8"	200	292	343	270	28.6	08	22.2	298.5
13	10"	250	330	405	324	30.5	12	25.4	362.0
14	12"	300	356	483	381	32.0	12	25.4	431.8
15	14"	350	381	533	413	35.0	12	28.6	476.3
16	16"	400	406	597	470	36.5	16	28.6	539.8
17	18"	450	432	635	534	40.0	16	32.0	578.0
18	20"	500	457	698	584	43.0	20	32.0	635.0
19	24"	600	508	813	692	48.0	20	35.0	749.5

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	165	124	51	17.5	04	19.0	89.0	
02	1 1/4"	32	178	133	64	19.0	04	19.0	98.5	
03	1 1/2"	40	190	156	73	20.7	04	22.2	114.5	
04	2"	50	216	165	92	22.2	08	19.0	127.0	
05	2 1/2"	65	241	190	105	25.4	08	22.2	149.2	
06	3"	80	282	210	127	29.0	08	22.2	168.3	
07	4"	100	305	254	157	32.0	08	22.2	200.0	
08	5"	125	381	279	186	35.0	08	22.2	235.0	
09	6"	150	403	318	216	36.5	12	22.2	270.0	
10	8"	200	419	380	270	41.5	12	25.4	330.5	
11	10"	250	457	445	324	48.0	16	28.5	387.4	
12	12"	300	502	521	381	51.0	16	32.0	451.0	
13	14"	350	762	584	413	54.0	20	32.0	514.4	
14	16"	400	838	648	470	57.5	20	35.0	571.5	
15	18"	450	914	711	534	60.6	24	35.0	628.7	
16	20"	500	991	775	584	63.5	24	35.0	686.0	
17	24"	600	1143	915	692	41.3	24	41.3	812.8	

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.

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