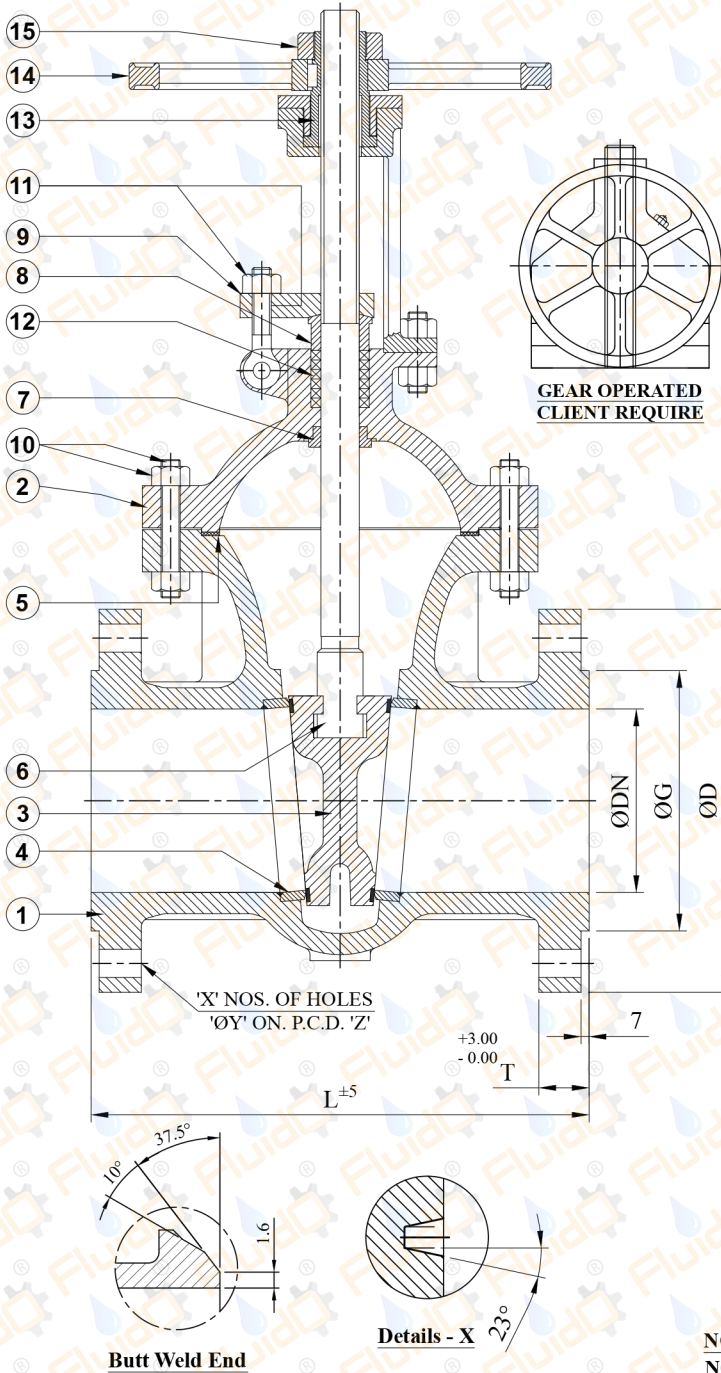




VALVES

GATE VALVE F-E HAND WHEEL OPERATED

600# & 900#



GEAR OPERATED
CLIENT REQUIRE

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	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
03	WEDGE	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
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	S.S. 410 / S.S.304 / S.S.316 / S.S.304L / S.S.316L / ALLOY 20
07	BAKE SEAT	S.S. 410 / S.S.304 / S.S.316 / S.S.304L / S.S.316L / ALLOY 20
08	GLAND BUSH	S.S. 410 / S.S.304 / S.S.316 / S.S.304L / S.S.316L / ALLOY 20 / ASTM A 216 Gr. WCB / CARBON STEEL
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 600# / 900#
	BUTT-WELD END ASME B 16.25
OPERATING	HAND WHEEL OPERATING

TESTING STANDARD : API 598 / BS 6755 (I)			
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
BACK SEAT	117 Kg/Cm ²	BACK SEAT	173 Kg/Cm ²
AIR SEAT	07 Kg/Cm ²	AIR SEAT	07 Kg/Cm ²

NOTE :- 8" ABOVE YOKE ARRANGEMENT

NOTE :- GEAR OPERATED AS PER CLIENT REQVIDE

ALL DIMENSION ARE IN MM 600#									
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	2"	50	292	165	92	32.4	08	19.0	127.0
02	2.1/2"	65	330	190	105	35.0	08	22.2	129.2
03	3"	80	356	210	127	38.0	08	22.2	168.3
04	4"	100	432	273	157	44.5	08	25.4	216.0
05	5"	125	508	330	186	51.0	08	28.6	266.7
06	6"	150	559	356	216	54.0	12	28.6	292.0
07	8"	200	660	419	270	62.0	12	32.0	349.3
08	10"	250	787	508	324	70.0	16	35.0	431.8
09	12"	300	838	559	381	73.0	20	35.0	489.0
10	14"	350	889	603	413	76.5	20	38.0	527.0
11	16"	400	991	686	470	82.5	20	41.3	603.3
12	18"	450	1092	743	534	89.0	24	44.5	654.0

ALL DIMENSION ARE IN MM 900#									
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	2"	50	368	216	92	44.5	08	25.4	165.0
02	2.1/2"	65	419	244	105	48.0	08	28.6	149.2
03	3"	80	381	241	127	44.5	08	25.4	190.5
04	4"	100	457	292	157	51.0	08	32.0	235.0
05	5"	125	559	349	186	57.0	08	35.0	279.4
06	6"	150	610	381	216	62.0	12	32.0	317.5
07	8"	200	737	470	270	70.0	12	38.0	393.7
08	10"	250	838	546	324	76.5	16	38.0	470.0
09	12"	300	965	610	381	86.0	20	38.0	533.4
10	14"	350	1029	641	413	92.0	20	41.3	558.5
11	16"	400	1130	705	470	95.5	20	44.5	616.0
12	18"	450	1219	787	534	108	20	51.0	685.8

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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