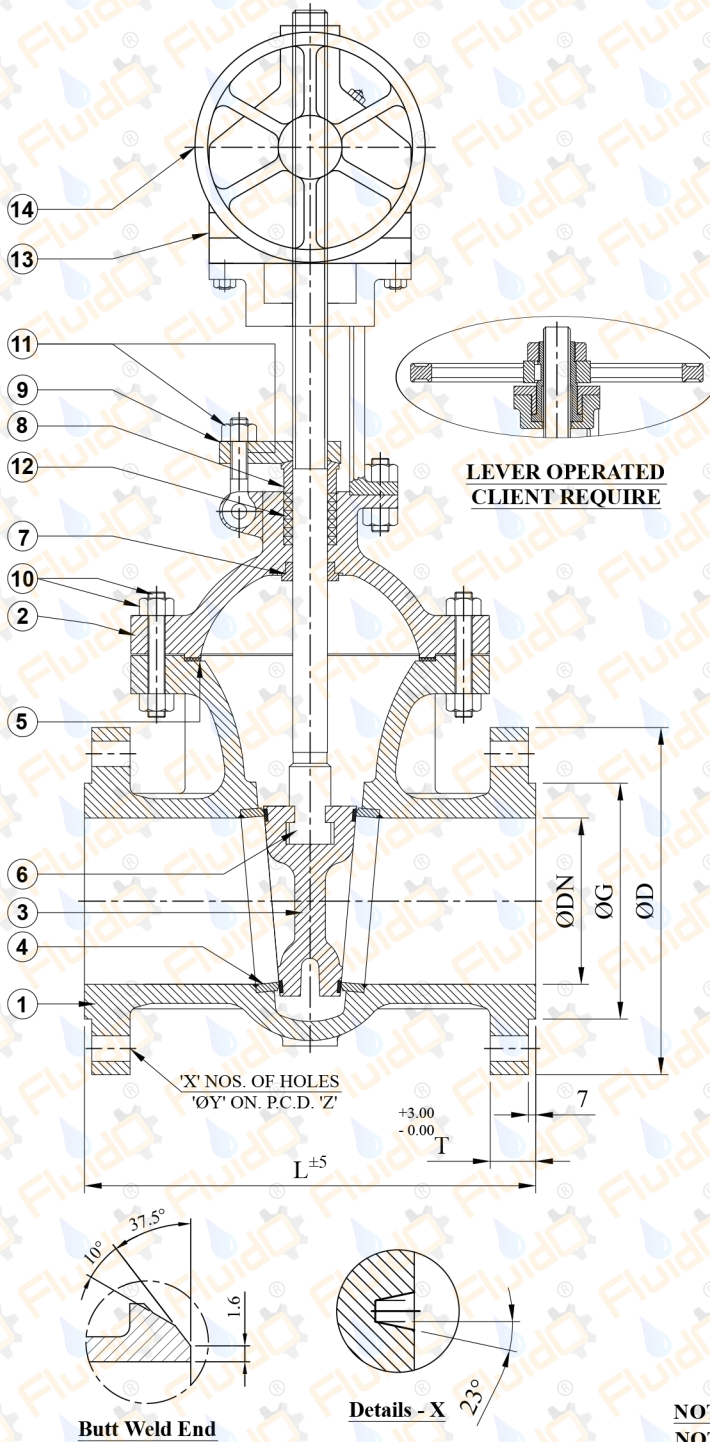




VALVES

GATE VALVE F-E GEAR OPERATED 1500# & 2500#



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	BAKE 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	ASTMA 193 Gr. B7 / B16 / B8 / B8M / ASTM A 194 Gr. 2H
11	EYE BOLT & NUT	ASTMA 194 Gr. 7 / 8 / 8M / S.S.304 / S.S.316
12	GLAND PACKING	DIE MOLD GRAPHITE RING
13	GEAR OPERATED	S.G.IRON / CARBON STEEL
14	HAND WHEEL	C.S. / A194 Gr. 2H / S.S. 304 / S.S. 316
15	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	GEAR OPERATING

TESTING STANDARD : API 598 / BS 6755 (I)			
1500# PRESSURE RATING		2500# PRESSURE RATING	
BODY	392 Kg/Cm ²	BODY	653 Kg/Cm ²
SEAT	289 Kg/Cm ²	SEAT	478 Kg/Cm ²
BACK SEAT	289 Kg/Cm ²	BACK SEAT	478 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 1500#								
SR.NO	SIZE	FACE TO FACE (L)	FLANGE O.D. (D)	RAISED FACE DIA. (G)	FLANGE THK. (I)	NO. OF HOLES (X)	HOLE DIA. (Y)	P.C.D. (Z)
01	2"	50	368	216	92	44.5	08	25.0
02	2.1/2"	65	419	244	105	47.6	08	29.0
03	3"	80	470	267	127	54.2	08	32.0
04	4"	100	546	311	157	60.3	08	35.0
05	5"	125	673	375	186	79.6	08	41.0
06	6"	150	705	394	216	89.0	12	38.0
07	8"	200	832	483	270	98.4	12	45.0
08	10"	250	991	584	324	114.4	12	51.0
09	12"	300	1130	673	381	130.4	16	54.0

ALL DIMENSION ARE IN MM 2500#								
SR.NO	SIZE	FACE TO FACE (L)	FLANGE O.D. (D)	RAISED FACE DIA. (G)	FLANGE THK. (I)	NO. OF HOLES (X)	HOLE DIA. (Y)	P.C.D. (Z)
01	2"	50	451	235	92	57.2	08	29.0
02	2.1/2"	65	508	267	105	63.6	08	32.0
03	3"	80	578	305	127	73.0	08	35.0
04	4"	100	673	356	157	82.6	08	41.0
05	5"	125	741	419	186	98.3	08	48.0
06	6"	150	914	483	216	114.4	08	54.0
07	8"	200	1022	552	270	133.4	12	54.0
08	10"	250	1270	673	324	171.5	12	67.0
09	12"	300	1445	762	381	190.6	12	73.0

Order / Enq. No. :-

Job / Project :-

Office : Plot No-2, Shayana 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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