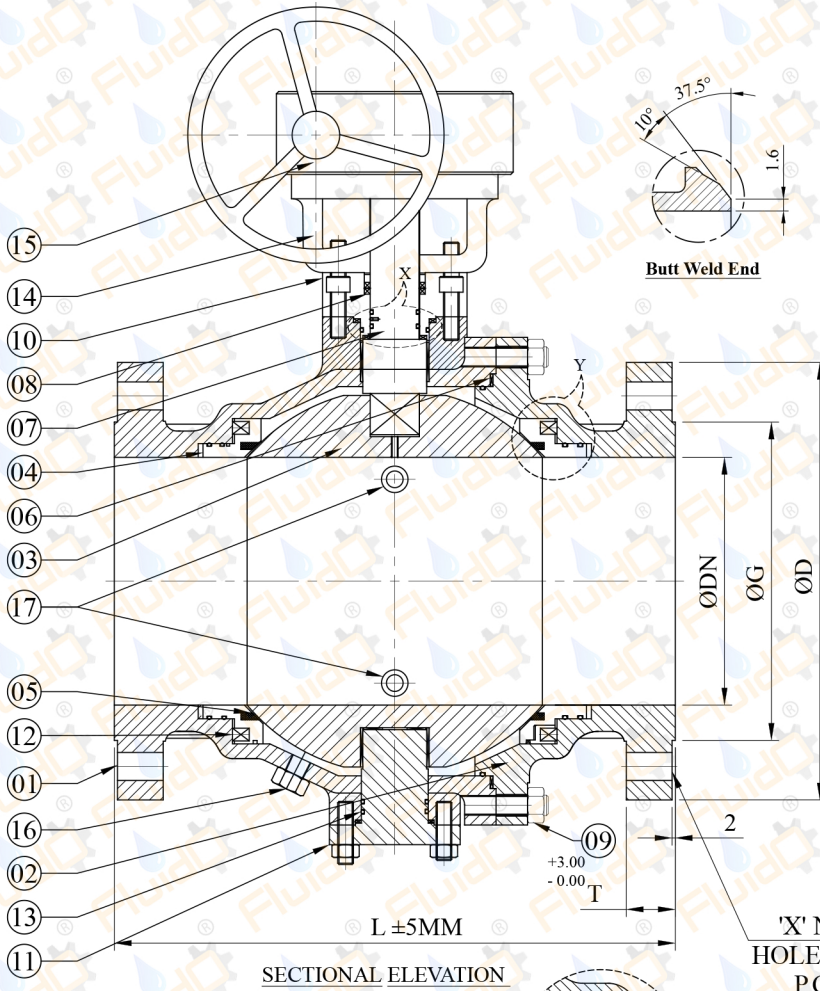




2PC. FB, GEAR OPERATION 150# / 300# BALL VALVES



Sr. No.	DESCRIPTION	MATERIAL
01	BODY	ASTM A 216 Gr.WCB / LCB / CD4MCU / CN7M / DUPLEX / ASTM A 351 Gr.CF8/CF8M/CF3/CF3M
02	SIDE PIECE	ASTM A 216 Gr.WCB / LCB / CD4MCU / CN7M / DUPLEX / ASTM A 351 Gr.CF8/CF8M/CF3/CF3M
03	BALL	AISI 304 / 316 / 304L / 316L / CF8 / CF8M / ASTM A 105/WCB+HARD CROME / CF3 / CF3M / CD4MCU / CN7M / DUPLEX / CA15
04	SEAT RETAINER	AISI 304 / 316 / 304L / 316L
05	SEAT INSERT	PTFE / R-PTFE / PEEK / DEVLON / GFT / CARBON FILLED
06	GASKET	PTFE / R-PTFE / PEEK / DEVLON / GFT / CARBON FILLED SPW S.S.304 + GRIPHITE / SPW S.S.316 + GRIPHITE
07	STEM	AISI 304 / 316 / 304L / 316L
08	GLAND PACKING	PTFE / R-PTFE / PEEK / DEVLON / GFT / CARBON FILLED
09	BODY STUD / NUT	C.S. / B7 / 2H / S.S.304 / S.S.316 / A 320 Gr.L7 (AS PER REQ.)
10	STUFFING BOX	C.S. / AISI 304 / 316 / 304L / 316L
11	TRUNNION	AISI 304 / 316 / 304L / 316L
12	SEAT SPRING	INCONEL X750
13	O-RING	NITRILE / VITON
14	BRACKET	MILD STEEL / INTEGRAL / FABRICATED
15	GEAR	STANDARD
16	DRAIN PLUG	AISI 304 / 316
17	VENT PLUG	AISI 304 / 316
18	NAME PLATE	S.S. (NOT SHOWN)

STANDARD	
DESIGN MFG. STD.	API 6D / BS EN 17292
INSP. & TESTING	API 598 / BS 6755 (I)
FIRE SAFE DESIGN	API 607 / API6FA
FACE TO FACE	API 6D / ANSI B 16.10
END CONNECTION	FALNGED ENDS B 16.5 R/F ASME B16.5 RF 150# / 300#
BUTTWELD END	ASME B16.25
OPERATING	GEAR OPERATING

TESTING STANDARD : API 598 / BS 6755 (I)			
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
AIR SEAT	07 Kg/Cm ²	AIR 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	2"	50	178	150	92	16.0	04	19.0
02	2.1/2"	65	190	178	105	17.5	04	19.0
03	3"	80	203	190	127	19.0	04	19.0
04	4"	100	229	229	157	24.0	08	19.0
05	5"	125	254	254	186	24.0	08	22.2
06	6"	150	267	279	216	25.4	08	22.2
07	8"	200	292	343	270	28.6	08	22.2
08	10"	250	330	405	324	30.5	12	25.4
09	12"	300	356	483	381	32.0	12	25.4
10	14"	350	381	533	413	35.0	12	28.6
11	16"	400	406	597	470	36.5	16	28.6
12	18"	450	432	635	534	40.0	16	32.0
13	20"	500	457	698	584	43.0	20	32.0
14	24"	600	508	813	692	48.0	20	35.0

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	2"	50	216	165	92	16.5	08	19.0
02	2.1/2"	65	241	190	105	17.5	08	22.2
03	3"	80	282	210	127	19.0	08	22.2
04	4"	100	305	254	157	24.0	08	22.2
05	5"	125	381	279	186	24.0	08	22.2
06	6"	150	403	318	216	25.4	12	22.2
07	8"	200	419	380	270	28.6	12	25.4
08	10"	250	457	445	324	30.5	16	28.5
09	12"	300	502	521	381	32.0	16	32.0
10	14"	350	562	584	413	35.0	20	32.0
11	16"	400	638	648	470	36.5	20	35.0
12	18"	450	714	711	534	40.0	24	35.0
13	20"	500	775	775	584	43.0	24	35.0
14	24"	600	1143	915	692	48.0	24	41.3

Client :- _____
 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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