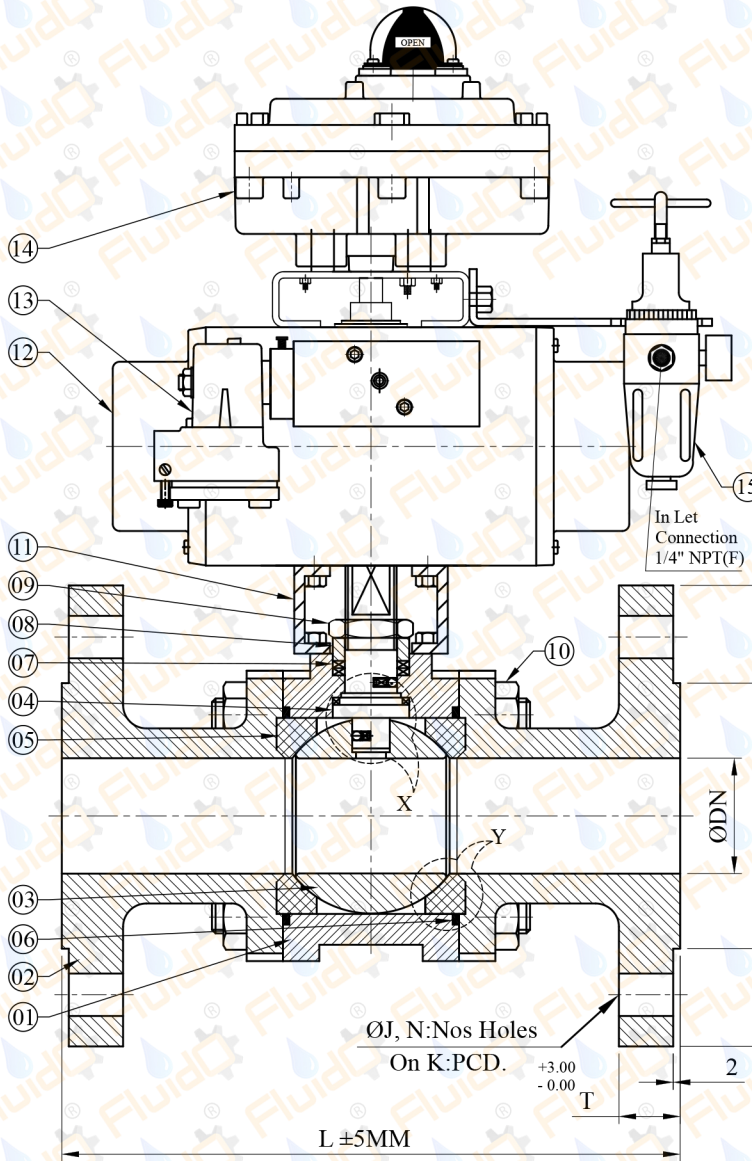




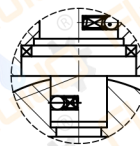
**3PC. FB, PNEUMATIC OPERATION 150# / 300#
SOLENOID VALVE / LIMIT SWITCH / FRL
BALL VALVES**



No.	Description	Material
1	Body	ASTM A 216 Gr.WCB / LCB / CD4MCU / CN7M /
2	Side Piece	DUPLEX / ASTM A 351 Gr.CF8/CF8M/CF3/CF3M
3	Ball	AISI 304 / 316 / 304L / 316L / CF8 / CF8M / ASTM A 105/WCB+HARD CHROME / CF3 / CF3M / CD4MCU / CN7M / DUPLEX / CA15
4	Stem	AISI 304 / 316 / 304L / 316L
5	Ball Seat	PTFE / R-PTFE / PEEK / DEVLON / GFT / CARBON FILLED
6	Body Seal	PTFE / R-PTFE / PEEK / DEVLON / GFT / CARBON FILLED
7	Gland Seal	PTFE / R-PTFE / PEEK / DEVLON / GFT / CARBON FILLED
8	Gland Bush	AISI 304 / 316 / 304L / 316L
9	Gland Nut	C.S. / AISI 304 / 316 / 304L / 316L
10	Stud & Nut	C.S. / B7 / 2H / S.S.304 / S.S.316 / AS PER REQ.
11	Actuator Bracket	C.S. / S.S.304 / S.S.316 (INTEGRAL / FABRICATED)
12	Actuator	DOUBLE / SINGLE ACTING
13	Solenoid valve	5X2 WAY / 3X2 WAY
14	Limit Switch	01NO + 01 NC TYPE
15	Air Filter Regulator	STANDARD
16	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	PNEUMTIC ACTUATOR 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



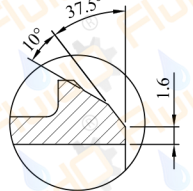
DETAIL - X

**ANTISTATIC
DEVICE**



DETAIL - Y

**FIRE SAFE
DESIGN**



**BUTT WELD
END**

SECTIONAL ELEVATION

NOTE :- AS PER CLIENT REQVIDE

ALL DIMENSION ARE IN MM 150#								
SR.NO	SIZE NPS DN	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	04	19.0	120.7
02	2.1/2"	65	190	178	105	04	19.0	139.7
03	3"	80	203	190	127	04	19.0	152.4
04	4"	100	229	229	157	08	19.0	190.5
05	5"	125	254	254	186	08	22.2	216.0
06	6"	150	267	279	216	08	22.2	241.3
07	8"	200	292	343	270	08	22.2	298.5
08	10"	250	330	405	324	12	25.4	362.0
09	12"	300	356	483	381	12	25.4	431.8
10	14"	350	381	533	413	12	28.6	476.3
11	16"	400	406	597	470	16	28.6	539.8
12	18"	450	432	635	534	16	32.0	578.0
13	20"	500	457	698	584	20	32.0	635.0
14	24"	600	508	813	692	20	35.0	749.5

ALL DIMENSION ARE IN MM 300#								
SR.NO	SIZE NPS DN	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	08	19.0	127.0
02	2.1/2"	65	241	190	105	08	22.2	149.2
03	3"	80	282	210	127	08	22.2	168.3
04	4"	100	305	254	157	08	22.2	200.0
05	5"	125	381	279	186	08	22.2	235.0
06	6"	150	403	318	216	12	22.2	270.0
07	8"	200	419	380	270	12	25.4	330.5
08	10"	250	457	445	324	16	28.5	387.4
09	12"	300	502	521	381	16	32.0	451.0
10	14"	350	562	584	413	20	32.0	514.4
11	16"	400	638	648	470	20	35.0	571.5
12	18"	450	714	711	534	24	35.0	628.7
13	20"	500	791	775	584	24	35.0	686.0
14	24"	600	1143	915	692	24	41.3	812.8

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

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