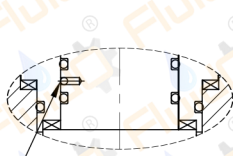


Sr. No.	DESCRIPTION	MATERIAL
01	BODY	ASTM A 216 Gr.WCB / LCB / CD4MCU / CN7M /
02	SIDE PIECE	DUPLEX / ASTM A 351 Gr.CF8/CF8M/CF3/CF3M
03	BALL	AISI 304 / 316 / 304L / 316L / CF8 / CF8M / ASTM A 105/WCB+HARD CROME / CF3 / CF3M / CD4MCU / CN7M / DUPLEX / CA15
04	SEAT RETAINER	AISI 304 / 316 / 304L / 316L
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 / RTJ
BUTTWELD END	ASME B16.5 RF 1500# / 2500#
OPERATING	GEAR OPERATING

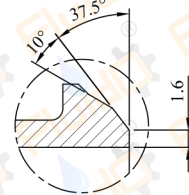
TESTING STANDARD : API 598 / BS 6755 (I)			
1500# PRESSURE RATING		2500# PRESSURE RATING	
BODY	392 Kg/Cm <sup>2</sup>	BODY	653 Kg/Cm <sup>2</sup>
SEAT	289 Kg/Cm <sup>2</sup>	SEAT	478 Kg/Cm <sup>2</sup>
AIR SEAT	07 Kg/Cm <sup>2</sup>	AIR SEAT	07 Kg/Cm <sup>2</sup>



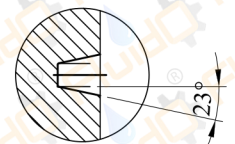
**ANTISTATIC  
DEVICE  
DETAIL - X**



**SPRING LOADED  
DESIGN  
DETAIL - Y**



**Butt Weld End**



**Details - X**

**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. (T)	NO. OF HOLES (X)	HOLE DIA. (Y)	P.C.D. (Z)
01	2"	50	368	216	92	08	25.0	165.0
02	2.1/2"	65	419	244	105	08	29.0	190.0
03	3"	80	470	267	127	08	32.0	203.0
04	4"	100	546	311	157	08	35.0	241.5
05	5"	125	673	375	186	08	41.0	292.0
06	6"	150	705	394	216	12	38.0	317.5
07	8"	200	832	483	270	12	45.0	393.5
08	10"	250	991	584	324	12	51.0	482.5
09	12"	300	1130	673	381	16	54.0	571.5

ALL DIMENSION ARE IN MM 2500#								
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	451	235	92	08	29.0	171.5
02	2.1/2"	65	508	267	105	08	32.0	197.0
03	3"	80	578	305	127	08	35.0	228.5
04	4"	100	673	356	157	08	41.0	273.0
05	5"	125	749	419	186	08	48.0	324.0
06	6"	150	914	483	216	12	54.0	368.5
07	8"	200	1022	552	270	12	61.0	438.0
08	10"	250	1270	673	324	12	67.0	540.0
09	12"	300	1445	762	381	12	73.0	619.5

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