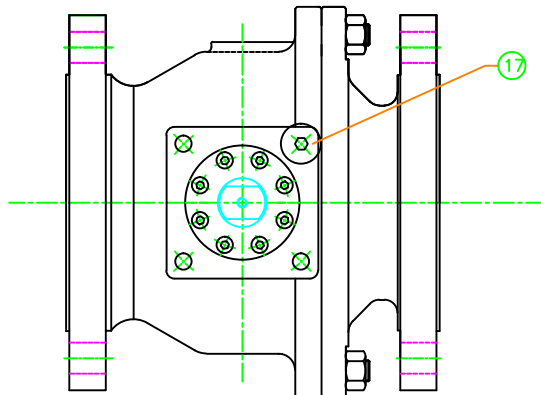
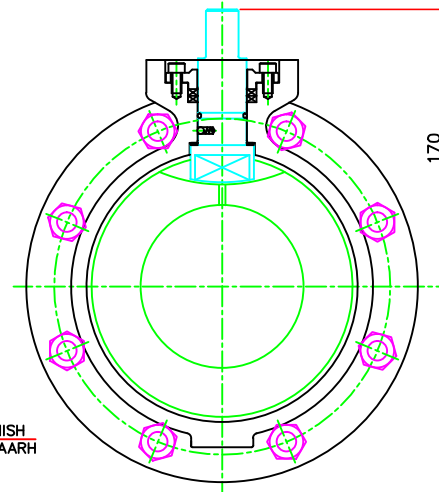
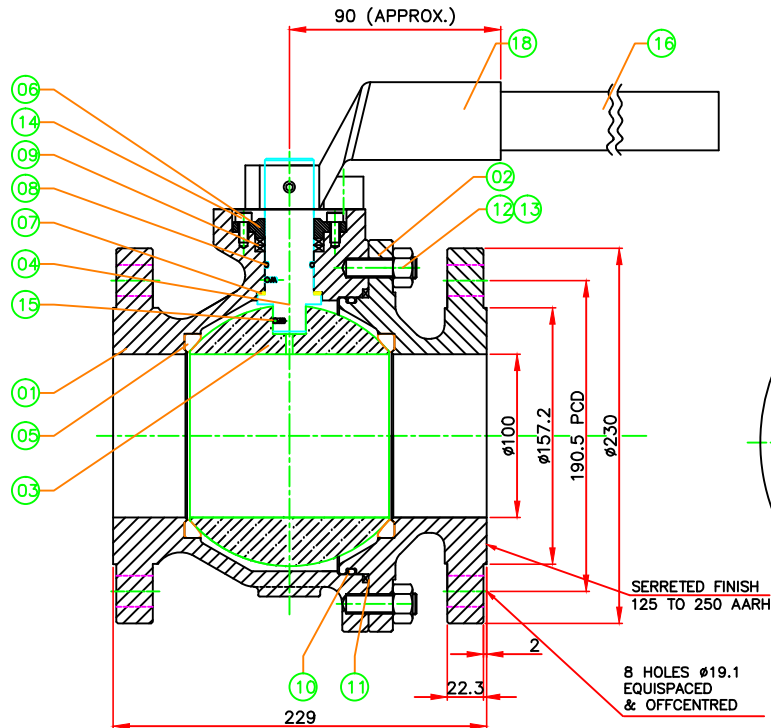


PLEASE ASK IF ANY DOUBT



SR NO	PART NAME	QTY	MATERIAL	REMARK
01	BODY	1	ASTM A 216 Gr. WCB	
02	TAIL PIECE	1	ASTM A 216 Gr. WCB	
03	BALL	1	ASTM A351 Gr. CF8M	
04	STEM	1	ASTM A 479 Gr. 316	
05	SEAT	2	V-PTFE / GFT	
06	GLAND PACKING COVER	1	ASTM A 479 Gr. 316	
07	STEM THRUST WASHER	1	GFT	
08	STEM O-RING	1	VITON	
09	STEM PACKING	2	GRAPHITE	
10	BODY O-RING	1	VITON-B	
11	BODY GASKET	1	GRAPHITE	
12	HEX NUT	8	ASTM A194 Gr. 2H	
13	STUD	8	ASTM A193 Gr. B7	
14	COUNTER SUNK SOCKET HEADED BOLT	8	HTS 12.9	
15	ANTISTATIC DEVICE	2	SS 304	
16	LEVER	1	CARBON STEEL (ZINC COATED) + PVC SLEEVE	
17	STOPPER	1	SS316	
18	HANDLE	1	CARBON STEEL	

PRESSURE TESTING (bar)

HYDROSTATIC	AIR
SHELL	SEAT
32	22
	7

NOTES:-

- 1) ALL DIMENSIONS ARE IN MILLIMETER.
- 2) END TO END :- API-6D
- 3) DESIGN STANDARD :- API-6D / EN17292 / BS 5351
- 4) FLANGE DETAILS :- ANSI B16.5, RF
- 5) TESTING STD :- API 6D/API-598
- 6) FIRESAFE API607 (COMPATIBLE)
- 7) THE MAXIMUM FLANGE LATERAL MISALIGNMENT SHALL BE NO GREATER THAN 2 mm
- 8) THE MAXIMUM FLANGE ANGULAR MISALIGNMENT SHALL BE NO GREATER THAN 2.5mm/m
- 9) TOTAL ALLOWABLE MISALIGNMENT OF BOLT HOLES SHALL BE NO GREATER THAN 2mm
- 10) PRESSURE TEMPERATURE RATING AS PER ASME B16.34



ANAND TEKNOV AIDS ENGINEERING INDIA LIMITED

Plot No 28/B, D II Block, Pimpri-Chinchwad Industrial Area, Pune 411 019 (India)

NAIR 19.08.2011 DRAWN	JOB 19.08.2011 CHECKED	JOB 19.08.2011 APPROVED	UNSPECIFIED TOLERANCES AS PER IS-2102 PART-1-1983 MEDIUM	PRODUCT : 2 PIECE BALL VALVE FLOATING TYPE	SIZE : 4" (100)	CLASS : 150#
5			0.5 UP TO 6 ±0.10			
4			6 UP TO 30 ±0.20			
3			30 UP TO 120 ±0.30			
2			120 UP TO 400 ±0.50			
1			400 UP TO 1000 ±0.80			
			1000 UP TO 2000 ±1.20			
			2000 UP TO 4000 ±2.00			
REV.	DETAILS	SIGN.	DATE	TITLE	QTY. :	SCALE: NTS
				ASSEMBLY		DRG. NO.: FB2F40R01BH
						REVISION.: 00 SHEET: 1 OF 1