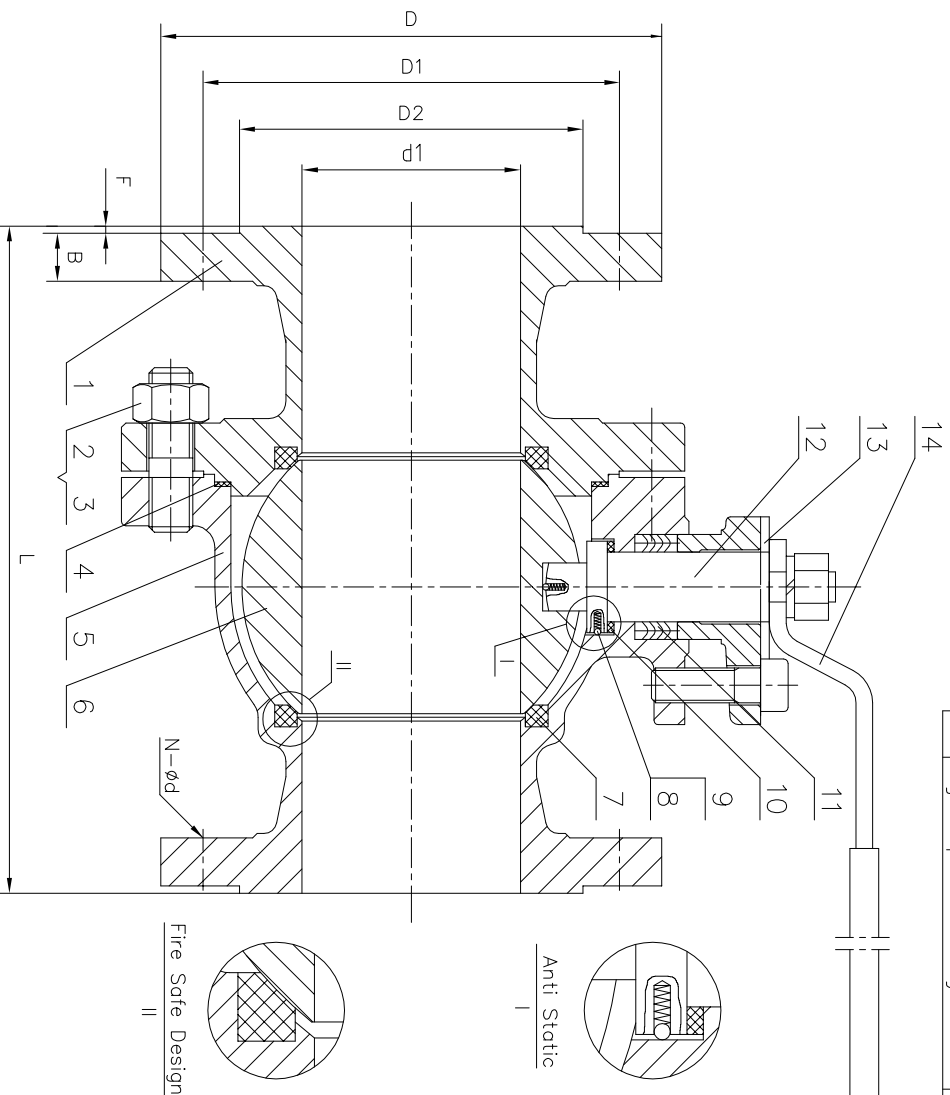


1.	Nondestructive Test		
11	Pressure Test	API 598	Yes
12	Chemical composition certification	Mandatory	Yes
13	Penetrant Test	All Body Surface	Yes
14	Magnetic particle testing	All Body Surface	Yes

Performance Standard	
Normal Pressure	300LB
Shell Test Pressure	7.5 MPa
Seal Test Pressure	5.5 MPa
Airtight Test Pressure	0.6 MPa
Suitable Temperature	-45°C ~ +200°C
Suitable Medium	Water,Oil,Gas,Steam, etc

### Technical Requirements

- Design and manufacture standard as to: API 6D
- Face-to-face dimension standard as to: ASME B16.10
- Flange dimension conforms as to: ASME B16.5  
Finish, Flange facing : RA=3.2-6.4 Micron
- Testing and inspection as to: API 6D
- Pressure-temperature conforms as to: ASME B16.34
- Anti-static constructions
- Fire safe design conforms To: API 607
- Anti-Blow out stem construction
- Valve as per NACE MR-0175(2002) requirement
- Visual Examination conforms to: 100% MSS SP-55



NPS	d1	L	D	D1	D2	B	F	N-∅d
1"	25	165	125	88.9	51	16	2	4-∅19
1 1/2"	38	190	155	114.3	73	19.5	2	4-∅22
2"	49	216	165	127	92	21	2	8-∅19
2 1/2"	62	241	190	149.2	105	24	2	8-∅22
3"	74	283	210	168.3	127	27	2	8-∅22
4"	100	305	255	200	157	30.5	2	8-∅22
6"	150	403	320	269.9	216	35	2	12-∅22

14	Hand Lever	A276 SS201+PVC	
13	Stopper	A276 SS316	
12	Stem	A182 F51 (Duplex 2205)	
11	Packing	Graphite	
10	Thrust Ring	RPTFE	
9	Anti Static Spring	A276 SS31803	
8	Anti Static Ball	A276 SS31803	
7	Seat	RPTFE	
6	Ball	A182 F51 (Duplex 2205)	
5	Body	A890 4A (Duplex 2205)	
4	Gasket	SS31803+Graphite	
3	Bonnet Nut	A194 Gr.8M	
2	Bonnet Bolt	A193 Gr.B8M	
1	Bonnet	A890 4A (Duplex 2205)	
No.	Name	Material	Remark
	Design By		
	Checked By		
	Standard By	REV	
	Approved By	Date	
	Drawing No.		



Assembly  
Floating ball valve  
NPS 1"~6"  
CLASS 300LB FB RF  
A890 4A/Duplex 2205