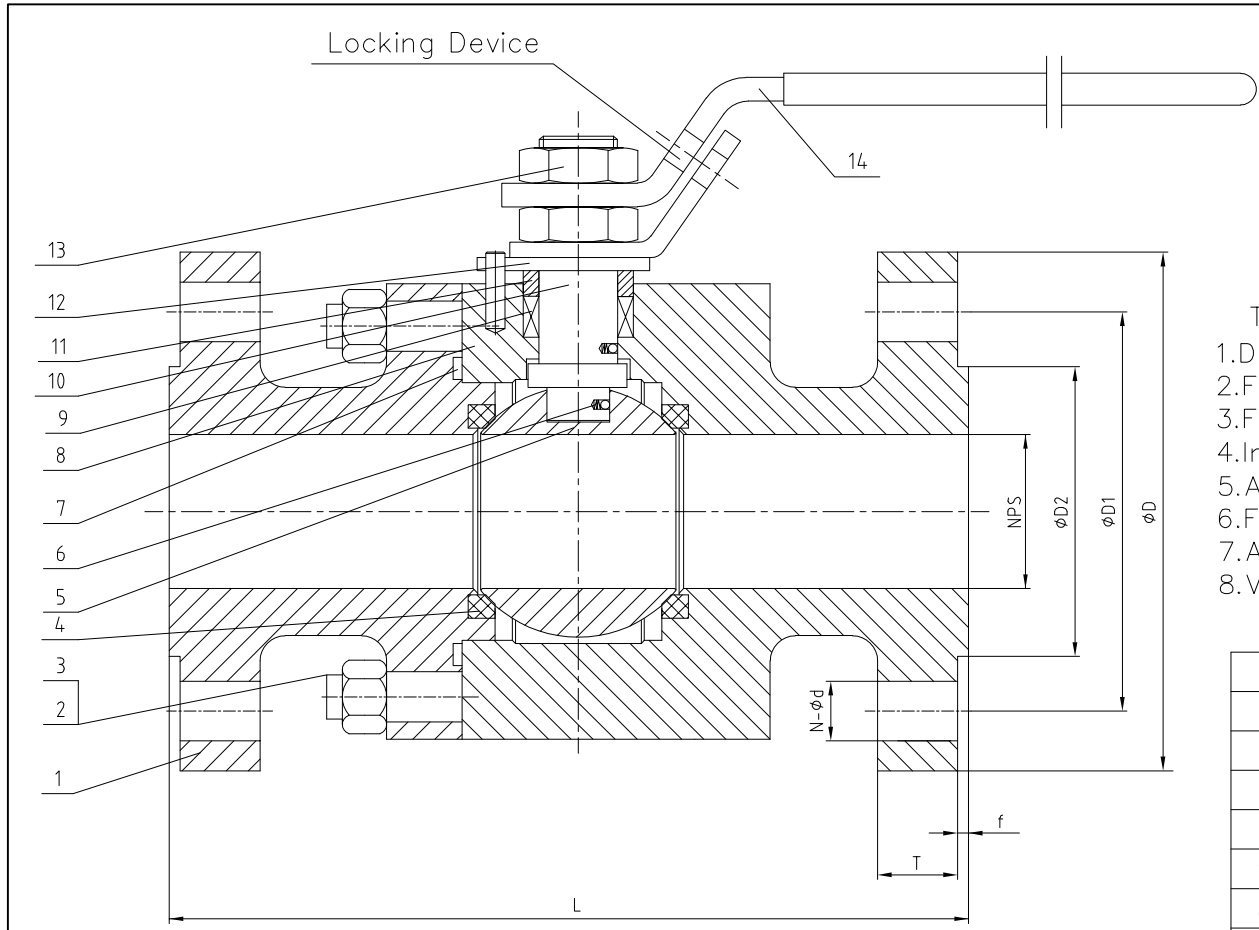


Performance Standard	
Normal Pressure	300LB
Shell Test Pressure	7.5 Mpa
Seal Test Pressure	5.5 Mpa
Airtight Test Pressure	0.6 Mpa
Suitable Temperature	-29°C ~ +200°C
Suitable Medium	Water.Oil.Gas.Steam. etc



Technical Requirements

- 1.Design std. of the valve: API 6D
- 2.Face-To-Face dimension standard: ASME B16.10
- 3.Flange Dimension Conforms To: ASME B16.5 RF
- 4.Inspaction and testing: API 598
- 5.Anti-static constructions
- 6.Fire Safe Design Conforms To: API 607
- 7.Anti-Blow Out Stem Construction
- 8.Visual Examination conforms to: 100% MSS SP-55

1.	Nondestructive Test		
11	Pressure Test	Mandatory	Yes
12	Chemical composition certification	Mandatory	Yes
13	Penetrant Test	Mandatory	Yes
14	Magnetic particle testing	Mandatory	Yes

*Safety factor of 1.2-1.3 is recommended

NPS	L	ØD	ØD1	ØD2	T	f	N-Ød	Weight Kg	Max Working Torque(N*M)
1/2"	140	Ø95	Ø66.7	Ø35	13	2	4-Ø16	3.3	9
3/4"	152	Ø115	Ø82.6	Ø43	14.5	2	4-Ø19	5.6	12
1"	165	Ø125	Ø88.9	Ø51	16	2	4-Ø19	6.7	20
1 1/4"	178	Ø135	Ø98.4	Ø64	17.5	2	4-Ø19	9.5	48
1 1/2"	190	Ø155	Ø114.3	Ø73	19.5	2	4-Ø22	13.4	60
2"	216	Ø165	Ø127	Ø92	21	2	8-Ø19	20	70
2 1/2"	241	Ø190	Ø149.2	Ø105	24	2	8-Ø22	28	90
3"	283	Ø210	Ø168.3	Ø127	27	2	8-Ø22	39	120

14	Handle	SS201+PVC
13	Locking Nut	A194 8M
12	The limiting block	SS316
11	Packing Gland	A182 F51 (Duplex 2205)
10	Stem	A182 F51 (Duplex 2205)
9	Packing	Flexible Graphite
8	Body	A182 F51 (Duplex 2205)
7	Gasket	S31803+Graphite
6	Anti static spring	Duplex 2205
5	Ball	A182 F51 (Duplex 2205)
4	Seat	RPTFE
3	Nut	A194 8M
2	Bolt	A193 B8M
1	Bonnet	A182 F51 (Duplex 2205)
No.	Name	Material

DESIGN BY		DRAWING NO	
CHECKED BY		REV	
STANDARD BY		Date	
APPROVED BY			
THE USER CONFIRM			

PTV[®]
Solutions

Floating ball valve
NPS 1/2"~3"
CLASS 300LB RF
F51/F51/RPTFE