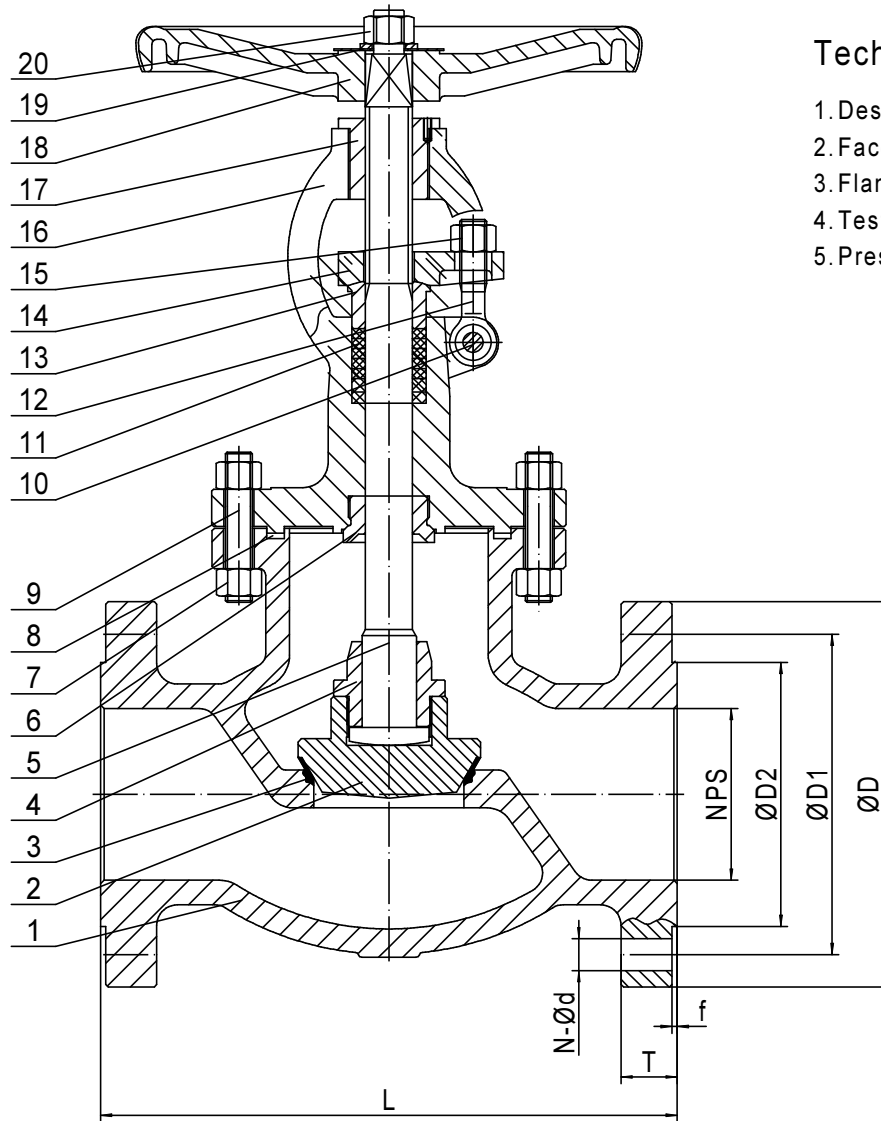


Performance Standard

Nominal Bore	NPS	1"~8"
Nominal Pressure	Class	150
Pressure Test		
Shell Test	3.0	Mpa
Seal Test	2.2	
Backseat Test	2.2	
Air Test	0.6	
Working Temperature	-29°C ~ +425°C	
Suitable Medium	Water.Oil. Gas. Steam. etc	

Technical Requirements

- Design & manufacture as to:API 600
- Face-to-face dimension standard as to:ASME B16.10
- Flange dimension conforms as to:ASME B16.5
- Testing & Inspection as to:API 598
- Pressure-temperature conforms as to: ASME B16.34

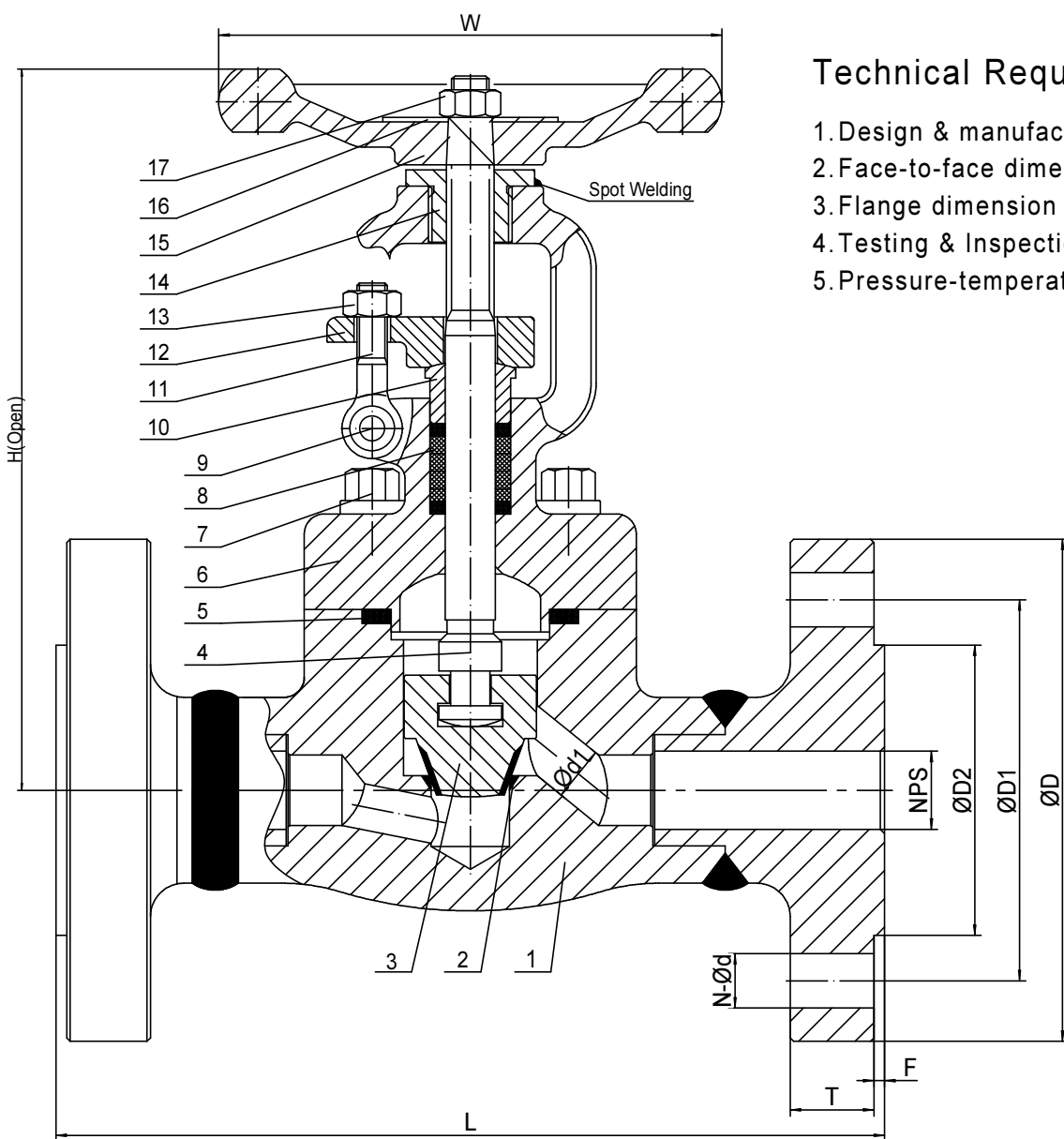


1.	Nondestructive Testing		
1.1	Pressure Test	Mandatory	Yes
1.2	Chemical Composition Certification (PMI)	Mandatory	Yes
1.3	Penetrant Test	Mandatory	Yes
1.4	Magnetic Particle Test	Mandatory	Yes

20	ADJUSTING NUT	1	A194 8	
19	GASKET	1	13Cr	
18	WHEEL	1	A47	
17	NUTS	1	BARSS	
16	BONNET	1	A890 4A (Duplex 2205)	
15	NUTS	2	A194 8M	
14	GLAND FLANGE	1	A890 4A (Duplex 2205)	
13	GLAND BUSHING	1	A182 F51	
12	BOLT	2	A193 B8M	
11	PACKING		GRAPHITE	
10	PIN	2	A182 F51	
9	BOLT		A193 B8M	
8	GASKET	1	S31803+GRAPHITE	
7	NUTS		A194 8M	
6	BACK SEAT	1	Duplex 2205	
5	STEM	1	A182 F51	
4	ADJUSTING NUT	1	A182 F51	
3	SEAT	1	Duplex 2205	
2	DISC	1	A890 4A (Duplex 2205)	
1	BODY	1	A890 4A (Duplex 2205)	

NPS	L	ØD	ØD1	ØD2	N-Ød	T	f	Weight Kg	Torque N*M
1"	127	Ø110	Ø79.4	Ø51	4-Ø16	13	2	5.8	8
1 1/2"	165	Ø125	Ø98.4	Ø73	4-Ø16	16	2	9	9.8
2"	203	Ø150	Ø120.7	Ø92	4-Ø19	17.5	2	12.5	12.1
2 1/2"	216	Ø180	Ø139.7	Ø105	4-Ø19	21	2	17	21.5
3"	241	Ø190	Ø152.4	Ø127	4-Ø19	22.5	2	23	31.8
4"	292	Ø230	Ø190.5	Ø157	8-Ø19	22.5	2	36	59.8
5"	356	Ø255	Ø215.9	Ø186	8-Ø22	22.5	2	47.5	100.4
6"	406	Ø280	Ø241.3	Ø216	8-Ø22	24	2	62.5	139.9
8"	495	Ø345	Ø298.5	Ø270	8-Ø22	27	2	105	271.8

No.	NAME	QTY	MATERIAL	REMARK
TAG NO.:				
PTV[®] Solutions				
Design		Approve	Graphics	Genral View
Technics		Date	Describe	Globe Valve
Check			Model	NPS 1"~8" Class 150LB RF Duplex 2205



Technical Requirements

1. Design & manufacture as to: API 602
2. Face-to-face dimension standard as to: ASME B16.10
3. Flange dimension conforms as to: ASME B16.5
4. Testing & Inspection as to: API 598
5. Pressure-temperature conforms as to: ASME B16.34

Performance Standard		
Nominal Bore	1/2"~2"	NPS
Nominal Pressure	150	LB
Pressure test		
Shell Test	3.0	MPa
Seal Test	2.2	
Backseat test	2.2	
Air Test	0.6	
Working Temperature	-29°C ~ +425°C	
Suitable Medium	Water.Oil.Gas.Steam. etc	

1.	Nondestructive Testing		
1.1	Pressure Test	Mandatory	Yes
1.2	Chemical Composition Certification (PMI)	Mandatory	Yes
1.3	Penetrant Test	Mandatory	Yes
1.4	Magnetic Particle Test	Mandatory	Yes

17	Locking Nut	A194 8	
16	Nameplate	SS304	
15	Handwheel	A47	
14	Stem Nuts	SS304	
13	Nuts	A194 8M	
12	Packing Gland	A182 F51	
11	Eye-Bolt	A193 B8M	
10	Packing Bushing	A182 F51	
9	Pin	S31803	
8	Packing	Graphite	
7	Bolt	A193 B8M	
6	Bonnet	A182 F51	
5	Gasket Seal	S31803+Graphite	
4	Stem	A182 F51	
3	Disc	A182 F51	
2	Seat	A182 F51	
1	Body	A182 F51	

Size		Bore	Outline			Flange Size					Weight	
NPS	DN	Ød1	L	H	ØW	ØD	ØD1	ØD2	N-Ød	T		F
1/2"	15	10	108	190	Ø100	Ø90	Ø60.3	Ø35	4-Ø16	10	2	3.2 Kg
3/4"	20	12.7	117	195	Ø100	Ø100	Ø69.9	Ø43	4-Ø16	11.5	2	4.1 Kg
1"	25	17.5	127	230	Ø125	Ø110	Ø79.4	Ø51	4-Ø16	13	2	5.6 Kg
1 1/4"	32	23	140	245	Ø160	Ø115	Ø88.9	Ø64	4-Ø16	14.5	2	6.8 Kg
1 1/2"	40	28	165	262	Ø160	Ø125	Ø98.4	Ø73	4-Ø16	16	2	9.4 Kg
2"	50	33	203	300	Ø180	Ø150	Ø120.7	Ø92	4-Ø19	17.5	2	15.1 Kg

No.	Name	Material	Remark
TAG NO.			
Design	Approve	Graphics	
Technics	Date	Describe	Globe Valve Forged Steel
Check		Model	NPS 1/2"~2" Class 150LB RF F51/F51