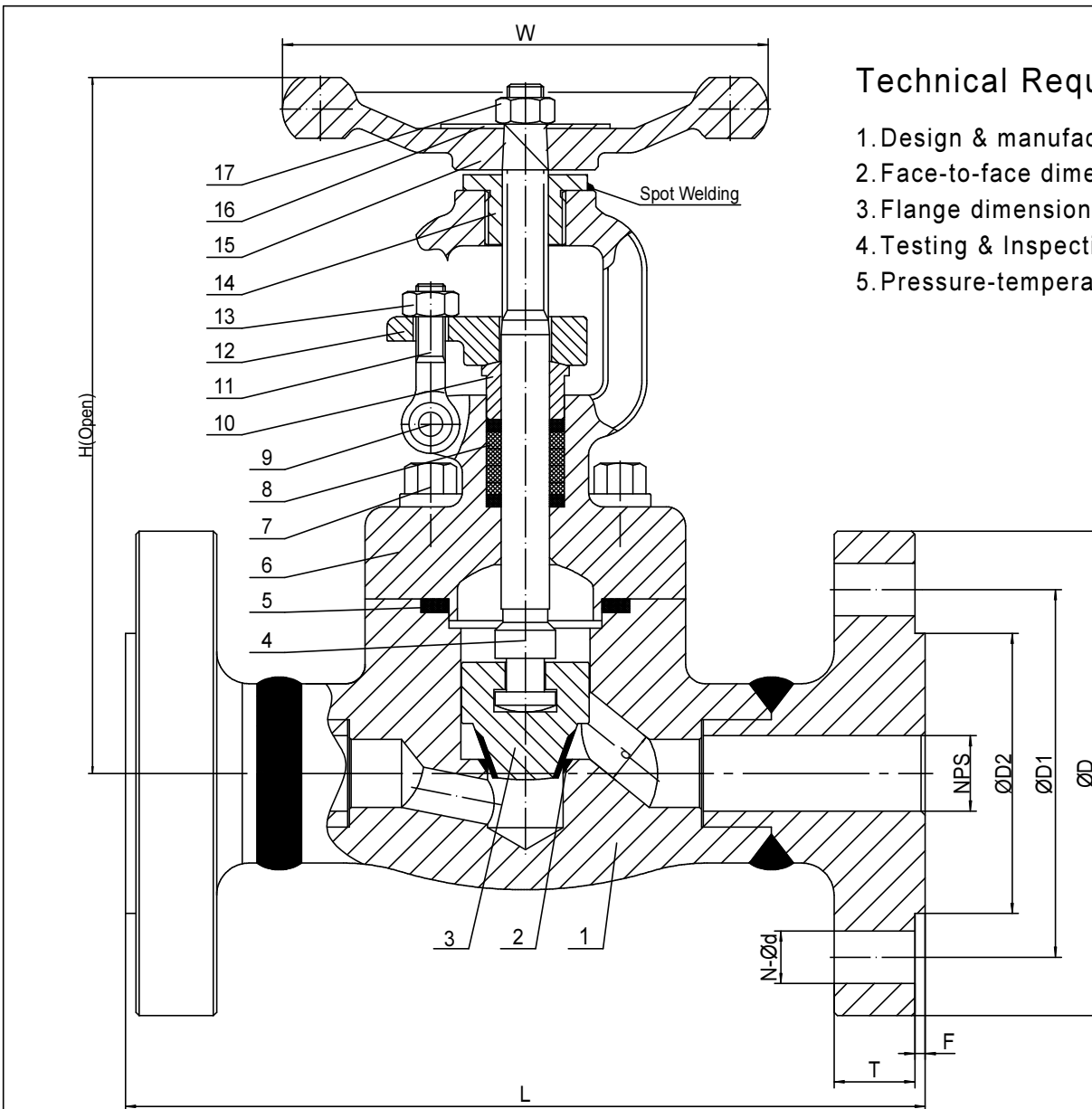




Technical Requirements

- 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	600	LB
Pressure test		
Shell Test	15.0	MPa
Seal Test	11.0	
Backseat test	11.0	
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 2H	
16	Nameplate	SS304	
15	Handwheel	A47	
14	Stem Nuts	13Cr	
13	Nuts	A194 2H	
12	Packing Gland	ASTM A105	
11	Eye-Bolt	A193 B7	
10	Packing Bushing	13Cr	
9	Pin	13Cr	
8	Packing	Graphite	
7	Bolt	A193 B7	
6	Bonnet	ASTM A105	
5	Gasket Seal	SS304+Graphite	
4	Stem	A182 F6a	
3	Disc	13Cr+Stellite.6	
2	Seat	13Cr+Stellite.6	
1	Body	ASTM A105	

Size			Outline			Flange Size					
NPS	DN	d	L	H	ØW	ØD	ØD1	ØD2	N-Ød	T	F
1/2"	15	11	165	166	Ø100	Ø95	Ø66.7	Ø35	4-Ø16	14.5	7
3/4"	20	13	190	175	Ø100	Ø115	Ø82.6	Ø43	4-Ø19	16	7
1"	25	18	216	206	Ø125	Ø125	Ø88.9	Ø51	4-Ø19	17.5	7
1 1/4"	32	23	229	228	Ø160	Ø135	Ø98.4	Ø64	4-Ø19	21	7
1 1/2"	40	28.5	241	262	Ø160	Ø155	Ø114.3	Ø73	4-Ø22	22.5	7
2"	50	33	292	300	Ø180	Ø165	Ø127	Ø92	8-Ø19	25.5	7

No.	Name	Material	Remark
TAG NO.			
Design		Approve	
Technics		Date	
Check			
Graphics	Genral View		
Describe	Globe Valve Forged Steel		
Model	NPS 1/2"~2" Class 600LB RF Trim:05#		

PTV
Solutions