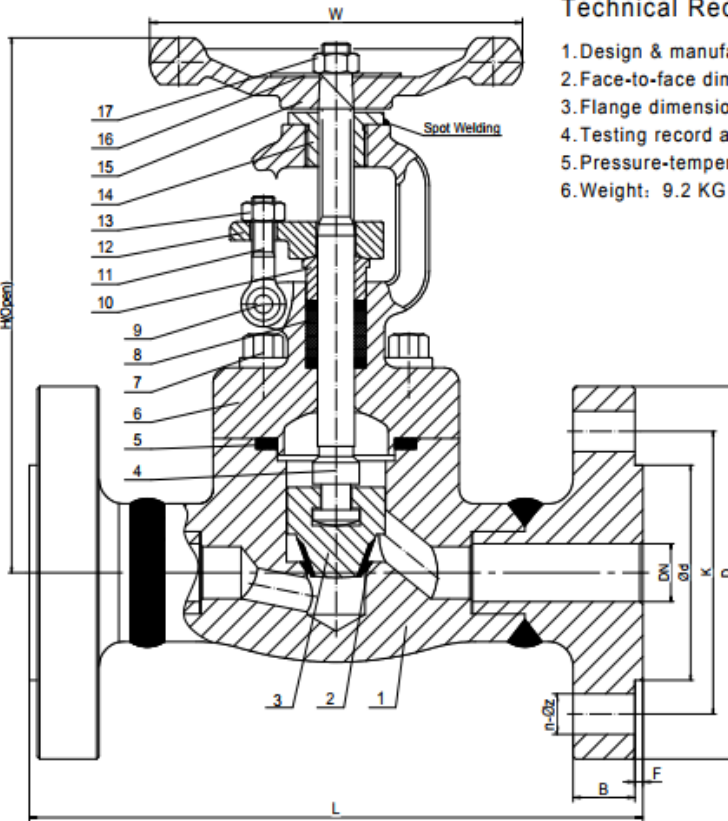




THERMOVALVE
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Technical Requirements

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 record as to: API 598
5. Pressure-temperature conforms as to: ASME B16.34
6. Weight: 9.2 KG

Performance Standard

Nominal Bore	1"	NPS
Nominal Pressure	600	Lb
Pressure test		
Shell Test	16.5	MPa
Seal Test	12.1	
Backseat test	12.1	
Air Test	0.6	
Working Temperature	-29°C ~ 425°C	
Suitable Medium	W.O.G.	

1.	Test	Test	
1.1	Hydro Static Test	ASME VIII N° 1	Yes
1.2	Working Pressure Test	API 598	Yes
1.3	Chemical composition certification	Mandatory	Yes
1.4	Working pressure test up to 2393 PSI	Mandatory	Yes
1.5	Penetrant Test	All Welded Surface	Yes
1.6	Maximum Working pressure on 2393 PSI		Yes

No.	Name	Material	Remark
17	Locking Nut	A194 2H	
16	Nameplate	Aluminium	
15	Handwheel	A47	
14	Stem Nuts	13Cr	
13	Nuts	A194 2H	
12	Packing Gland	A105	
11	Eye-Bolt	A193 B7	
10	Packing Bushing	13Cr	
9	Pin	13Cr	
8	Packing	Graphite	
7	Bolt	A193 B7	
6	Bonnet	A105	
5	Gasket Seal	SS304+Graphite	
4	Stem	A182 F6a	
3	Disc	13Cr	
2	Seat	13Cr+STL.6	
1	Body	A105	

Size		Outline			Flange Size					
in	DN	L	H	W	D	K	Ød	n-z	B	F
1"	25	216	206	125	124	88.9	51	4-Ø19	17.5	6.4

TAG NO.		Design		Approve		Graphics		Genral View	
		Technics		Date		Describe		Globe Valve	
		Check				Model		NPS 1" Class 600_Rf	