

Performance Specifications

CLASS 600			
Test Pre-ssure	Shell Test	15.4	MPa
	Back Seal Test	11.3	
	Seal Test	11.3	
	Air Test	0.6	
SuitableTemp.	-29~538 °C		
Suitable Media	W.O.G.etc		

14	H.W.Lock Nut	ASTM AISI 1035
13	Hand Wheel	ASTM A197
12	Stem Nut	ASTM A276 410
11	Gland Nut	ASTM A194 8M
10	Gland	ASTM A182 F316
9	Gland Eyebolt	ASTM A193 B8M
8	Pin	ASTM A182 F316
7	Stem Packing	Graphite
6	Bonnet bolt	ASTM A193 B8M
5	Bonnet	ASTM A182 F316
4	Gasket	Graphite+SS316
3	Stem	ASTM A182 F316
2	Disc	ASTM A182 F316
1	Body	ASTM A182 F316+STL
NO.	PART NAME	MATERIAL

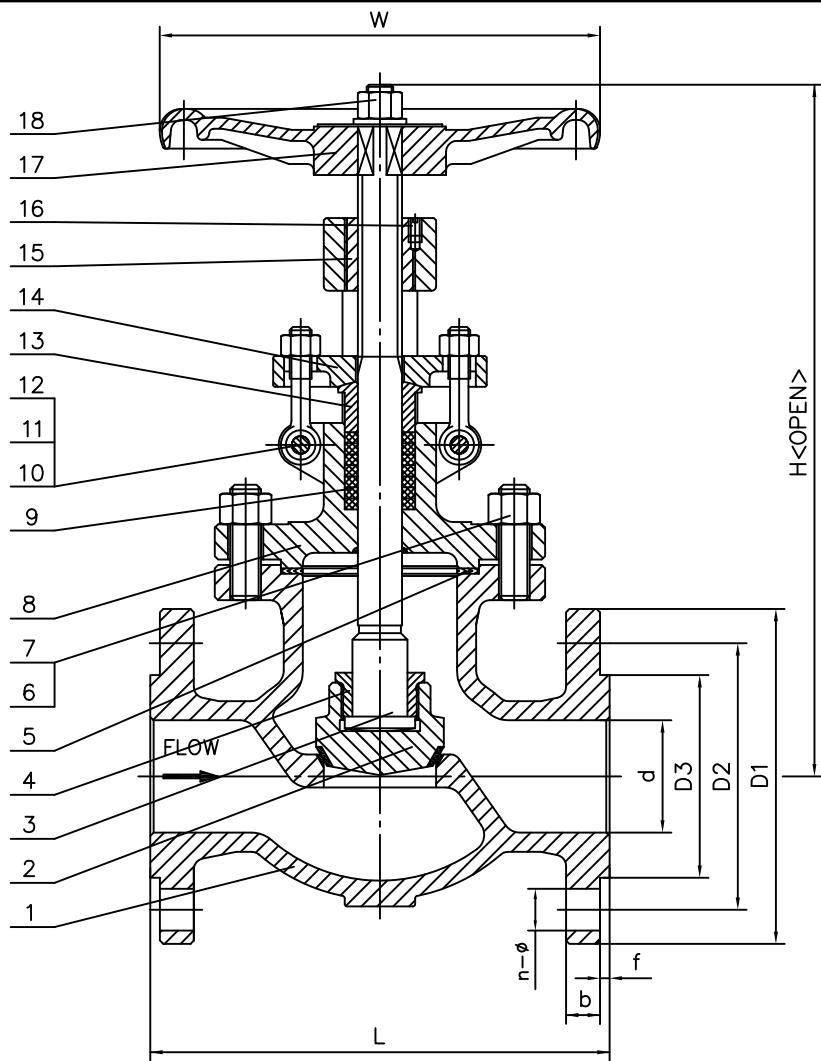
Technical Requirements

1. Design & manufacture conform to API 602
2. Face to Face dimension conforms to ASME B16.10
3. Flange dimension conforms to ASME B16.5
4. Test & Inspect conform to API 598

CLASS	NPS	Main Dimension (mm)									
		d	L	A	B	C	T	f	H	W	n-φ
600	1	18	216	124	88.9	50.8	17.5	7	196	120	4-φ19
	1-1/2	29	241	156	114.3	73	22.5	7	260	160	4-φ22



SHEET 1 OF 1	DRWN BY: KW 16/01/29	APPROVAL:	UNIT: mm	DO NOT SCALE DRAWING	TITLE: NPS 1 & NPS 1.5, CLASS 600, HW-OP	REV
REMARK	KW		PROJECT: ☞	DWG. NO.	BB, RF, OS&Y, GLOBE VALVES	1.0



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
18	Lock Nut	ASTM A194 8
17	HandWheel	Ductile Iron
16	Grup Screw	Carbon Steel
15	Stem Nut	Bronze
14	Gland Fland	ASTM A351 CF8
13	Gland	ASTM A182 F316
12	Pin	SS304
11	Gland Nut	ASTM A194 8
10	Gland eye bolt	ASTM A193 B8
9	Packing	Flexible Graphite
8	Bonnet	ASTM A351 CF8M
7	Nut	ASTM A194 8
6	Bolt	ASTM A193 B8
5	Gasket	SS316+Flexible Graphite
4	Disc Bonnet	ASTM A182 F316
3	Stem	ASTM A182 F316
2	Disc	ASTM A182 F316
1	Body	ASTM A351 CF8M+STL
NO.	Parts Name	Material

Technical Requirements

1. Design & manufacture conform to BS1873
2. Face to Face dimension conforms to ASME B16.10
3. Flange dimension conforms to ASME B16.5
4. Test & Inspect conform to API 598

CLASS	NPS	Main Dimension (mm)									
		d	D1	D2	D3	b	f	L	H	W	n-φ
600	2	51	165	127	92	26	7	292	425	250	8-φ19



SHEET 1 OF 1		DRWN BY: 	APPROVAL:	UNIT: mm	DO NOT SCALE DRAWING	TITLE: NPS 2, CLASS 600, HW-OP	REV 1.0
REMARK	KW			PROJECT: 	DWG. NO.	BB, RF, GLOBE VALVE	