

FORGED STEEL GLOBE VALVE

Class 800, Trim API No.5, 1/2"-2"



CONSTRUCTION IS AS FOLLOWS:

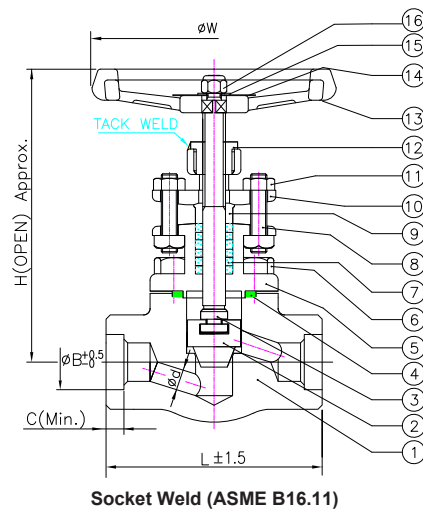
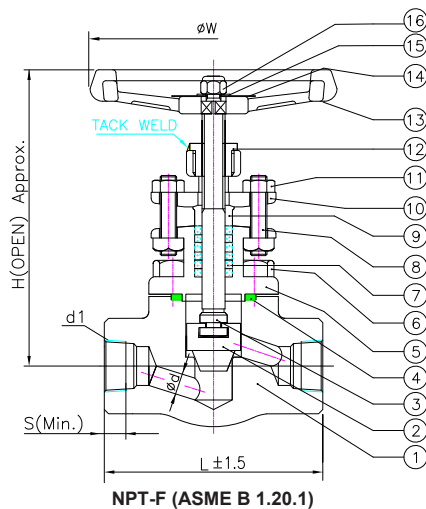
- Conventional Port (Full Port also available)
- Outside Screw and Yokes (OS & Y)
- Two piece self aligning packing gland
- Bolted bonnet with spiral-wound gasket
- Integral backseat
- Socket weld Ends to ANSI/ASME B16.11
- Screwed Ends (NPT) to ANSI/ASME B1.20.1

DESIGN CONSTRUCTION & SPECIFICATIONS

Forged steel globe valves conform to API 602, BS 5352 ANSI B16.34 / Each are tested according to API 598 and marking is per MSS SP-25

Standard Material Specifications

No.	Part Name	Materials			
			8	Gland Bolt	A193-B7M
1	Body	A105N	9	Gland	A276-410
	Seat ring	HF(#6) Integral With Body	10	Gland Flange	A105N
2	Disc	A182-F6a HF No.6	11	Gland Nut	A194-2HM
3	Stem	A182-F6a	12	Yoke Bush	A276-410
4	Gasket	SPW 304+Graphite	13	Handwheel	A197
5	Bonnet	A105N	14	Nameplate	SS 304
6	Bonnet Bolt	A193-B7M	15	H/W Washer	Stainless Steel
7	Gland Packing	Flexible Graphite	16	H/W Nut	A194



Dimensions (mm)

NPS (inch)	NPT-F (ASME B 1.20.1)						Socket Weld (ASME B16.11)					
	H	L	ØW	Ød	d1	S	H	L	ØW	Ød	ØB	C
1/2"	170	79	100	9.5	1/2 NPT	13.6	170	79	100	9.5	21.8	10
3/4"	170	92	100	12.5	3/4 NPT	14	170	92	100	12.5	27.2	13
1"	206	111	120	17.5	1 NPT	17.4	206	111	120	17.5	33.9	13
1-1/4"	233	120	150	23	1-1/4 NPT	18	233	120	150	23	42.7	13
1-1/2"	238	140	150	28.5	1-1/2 NPT	18.4	238	140	150	28.5	48.8	13
2"	294	172	170	36.5	2 NPT	19.2	283	172	170	36.5	61.2	16