

FORGED STEEL GATE VALVES

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



CONSTRUCTION IS AS FOLLOWS:

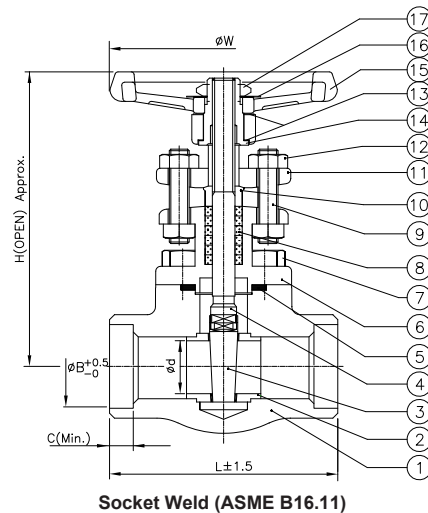
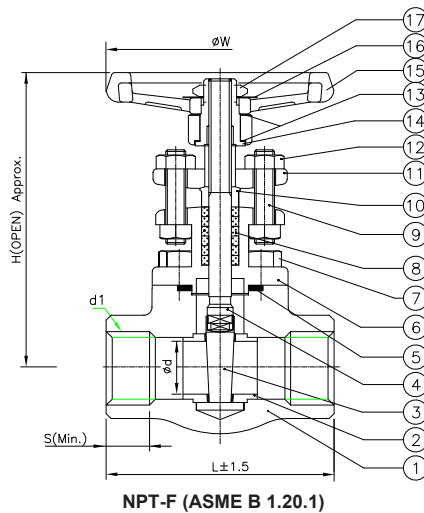
- Full Port (Conventional Port also available)
- Outside Screw and Yokes (OS & Y)
- Two piece self aligning packing gland
- Bolted bonnet with spiral-wound gasket
- Integral backseat
- Socket weld Ends to ANSI/ASME B16.11
- Screwed Ends (NPT) to ANSI/ASME B1.20.1

DESIGN CONSTRUCTION & SPECIFICATIONS

Forged steel gate 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			
1	Body	A105N	9	Gland Bolt	A193-B7M
2	Seat Ring	A276-410 HF No.6	10	Gland	A276-410
3	Wedge	A182-F6a HF No.6	11	Gland Flange	A105N
4	Stem	A182-F6a	12	Gland Nut	A194-2HM
5	Gasket	SPW 304+Graphite	13	Sleeve Washer	Stainless Steel
6	Bonnet	A105N	14	Stem Sleeve	A276-410
7	Bonnet Bolt	A193-B7M	15	Handwheel	A197
8	Gland Packing	Flexible Graphite	16	Nameplate	SS304
			17	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"	158	79	100	9.5	1/2 NPT	13.6	158	79	100	9.5	21.8	10
3/4"	162	92	100	12.7	3/4 NPT	14	162	92	100	12.7	27.2	12.7
1"	197	111	120	17.5	1 NPT	17.4	197	111	120	17.5	33.9	12.7
1-1/4"	225	120	150	23	1-1/4 NPT	18	225	120	150	23	42.7	12.7
1-1/2"	247	120	150	28.6	1-1/2 NPT	18.4	247	120	150	28.6	48.8	12.7
2"	267	140	150	36.5	2 NPT	19.2	267	140	150	36.5	61.2	16

