

Design acc. : API 602 .
Face to face : ASME B16.10 .
Flange ends : ASME B16.5 (RF) .
Test and inspection acc. : API 598 .
Body : A105 / F304

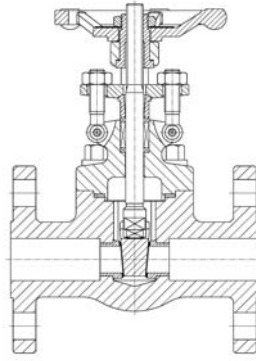


FIG : 080

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FIG : 080

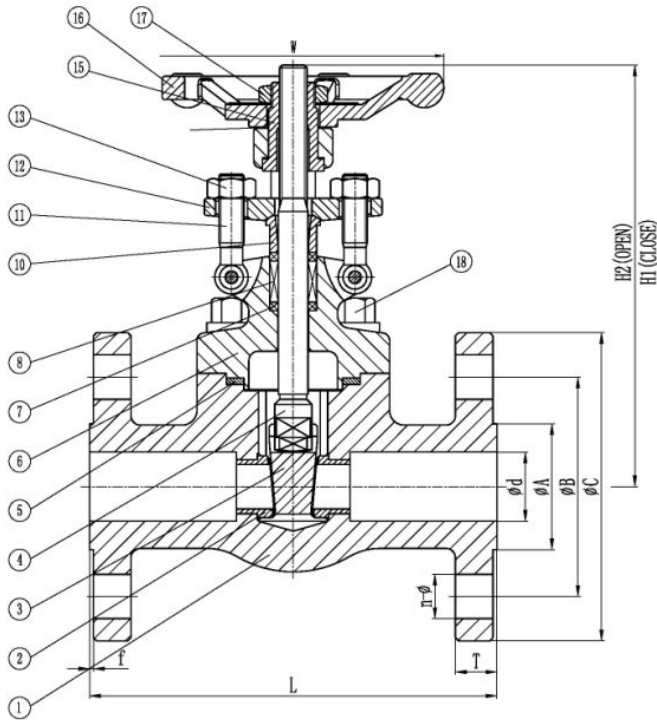


FIG.	Class	Material	Range
141.080	150	A105	1/2"-2"
142.080	300	A105	1/2"-2"
221.080	150	F304	1/2"-2"
222.080	300	F304	1/2"-2"

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Material list

NO.	Part	Material	
		FIG. 141.080 / 142.080	FIG.221.080 / 222.080
1	Body	A105	F304
2	Seat	A276-420	A276-304
3	Wedge	A276-420	F304+STL
4	Stem	A182-F6a	A182-F304
5	Bonnet gasket	Spiral wounded graphite+304	Spiral wounded graphite+304
6	Bonnet	A105	F304
7	Packing	Flexible graphite +s.s.wire	Flexible graphite +s.s.wire
8	Packing	Flexible graphite	Flexible graphite
10	Gland	A276-420	A276-304
11	Eyebolt	A193-B7	A193-B8
12	Gland flange	A105	F304
13	Nut	A194-2H	A194-8
15	Stem nut	A276-410	A276-410
16	Handwheel	A197	A197
17	Lock nut	A194-2H	A194-2H
18	Bolt	A193-B7	A193-B8

Dimension List

Class	Size	L	H1	H2	d	W	A	B	C	T	f	n-φ
150LB	1/2"	108	137	153	15	100	35	60.5	89	12	1.6	4-15
	3/4"	117	137	153	20	100	43	70	98	12	1.6	4-15
	1"	127	164	185	25	125	51	79.5	108	12	1.6	4-15
	1 1/4"	140	195	222	32	160	63.5	89	117	13	1.6	4-15
	1 1/2"	165	208	240	40	160	73	98.5	127	15	1.6	4-15
	2"	178	238	279	50	180	92	120.5	152	16	1.6	4-19
300LB	1/2"	140	137	153	15	100	34.9	66.7	95	12.7	2	4-16
	3/4"	152	137	153	20	100	42.9	82.6	115	14.3	2	4-19
	1"	165	164	185	25	125	50.8	88.9	125	15.9	2	4-19
	1 1/4"	178	195	222	32	160	63.5	98.4	135	17.5	2	4-19
	1 1/2"	190	208	240	40	160	73	114.3	155	19.1	2	4-22
	2"	216	238	279	50	180	92.1	127	165	20.7	2	8-19