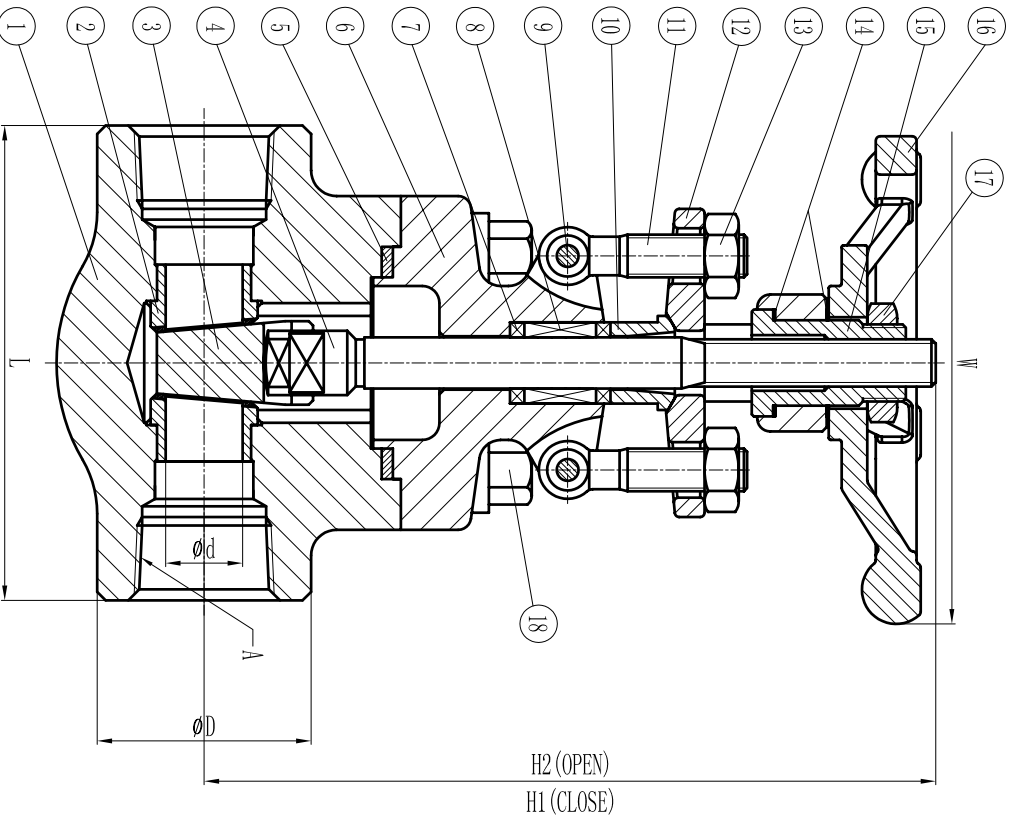


# 800LB GATE VALVE

APPLICABLE STANDARDS  
 BASIC DESIGN: API 602  
 SCREWED END: ASME B1.20.1 (NPT)  
 TEST AND INSPECTION: API598  
 197FPIST@100F



DN	SIZE		L	H1	H2	d	D	W	A
	in								
15	1/2"	3.11	5.39	6.02	0.51	1.34	3.94	1/2"	
20	3/4"	3.62	5.39	6.02	0.51	1.58	3.94	3/4"	
25	1"	4.37	6.46	7.28	0.71	1.93	4.92	1"	
32	1 1/4"	4.72	7.68	8.74	0.94	2.28	6.30	1 1/4"	
40	1 1/2"	4.72	8.19	9.45	1.14	2.52	6.30	1 1/2"	
50	2"	5.51	9.37	10.98	1.45	3.07	7.09	2"	

TEST ITEM	TEST PRESSURE (PSI)
SHELL TEST	3045
BACK SEAT TEST	2233
HIGH PRESSURE TEST	2233
LOW PRESSURE TEST AIR SEAL	87

18	BOLT	4	A193-B7
17	HANDWHEEL NUT	1	A194-2H
16	HANDWHEEL	1	A197
15	STEM NUT	1	A276-410
14	GASKET	2	A276-410
13	EYEBOLT NUT	2	A194-2H
12	GLAND FLANGE	1	A105
11	EYEBOLT	2	A193-B7
10	GLAND	1	A276-420
9	PIN	2	A276-304
8	PACKING	1 Set	FLEXIBLE GRAPHITE
7	PACKING	2	FLEXIBLE GRAPHITE+S.S. WIRE
6	BONNET	1	A105N
5	BONNET GASKET	1	SPIRAL WOUND GRAPHITE-304
4	STEM	1	A182-F6a
3	WEDGE	1	A276-420
2	SEAT	2	A276-410+STL
1	BODY	1	A105N
No.	Part Name	Qty	Material

JIV Fig# 800-8-THD