

GATE VALVE ANSI CLASS 800 THREADED END, FORGED STEEL

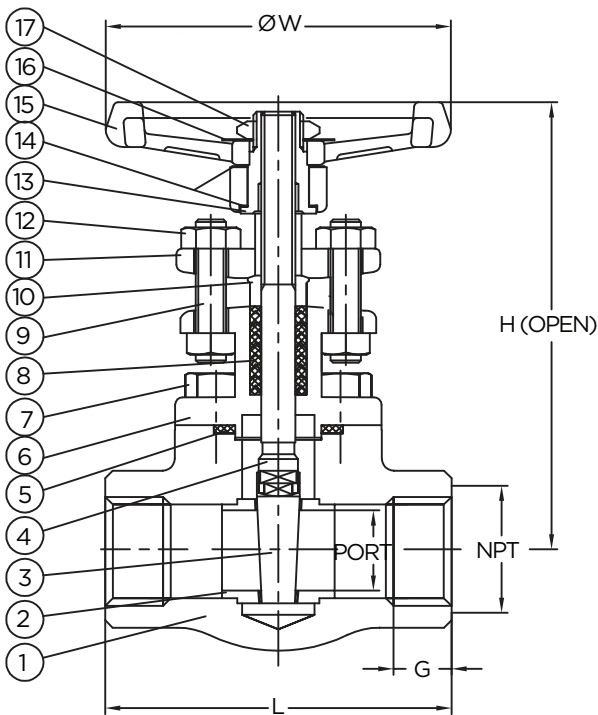


TECHNICAL SPECIFICATION

SHELL WALL THICKNESS: API 602
 VALVE DESIGN: API 602
 THREAD: ASME B1.20.1
 SOUR SERVICE: NACE MR-0175
 OUTSIDE SCREW & YOKE (OS&Y)
 UNIVERSAL TRIM 8
 SOLID WEDGE

TEST SPECIFICATION

TEST ACCORDANCE TO PER API 598
 NOMINAL PRESSURE: 1980 PSI
 SHELL TEST: 2970 PSIG
 BACK SEAT & SEAT TEST: 1628 PSIG
 AIR TEST: 87 PSIG



MATERIAL LIST

NO.	DESCRIPTION	MATERIAL
1	BODY	ASTM A-105N
2	SEAT RING	ASTM A-276 Gr. 410+STL#6
3	WEDGE	ASTM A-276 Gr. 420
4	STEM	ASTM A-182 Gr. 6Fa
5	BODY SEAL	SS304+GRAPHITE
6	BONNET	ASTM A-105N
7	BODY BOLT	ASTM A-193 Gr. B7
8	STEM PACKING	GRAPHITE
9	GLAND BOLT	ASTM A-193 Gr. B7
10	GLAND	ASTM A-276 Gr. 410
11	GLAND FLANGE	ASTM A-105
12	GLAND NUT	ASTM A-194 Gr. 2H
13	SLEEVE	ASTM A-276 Gr. 410
14	WASHER	SS304
15	HANDWHEEL	ASTM A-197
16	NAMEPLATE	ALUMINIUM
17	HANDWHEEL NUT	ASTM A-194 Gr. 2H

DIMENSIONS, WEIGHTS & TORQUE

MODEL	SIZE	PORT	L	H (OPEN)	ØW	G	NPT	WEIGHT (KG)	TORQUE (LBS-INCH)	
1828T-02	1/4"	DN8	0.24	3.11	6.14	3.94	0.37	1/4"	1.95	443.25
1828T-03	3/8"	DN10	0.24	3.11	6.14	3.94	0.41	3/8"	1.95	443.25
1828T-04	1/2"	DN15	0.39	3.11	6.34	3.94	0.54	1/2"	1.95	443.25
1828T-05	3/4"	DN20	0.53	3.62	6.34	3.94	0.55	3/4"	2.09	443.25
1828T-06	1"	DN25	0.69	4.37	7.87	4.72	0.69	1"	3.59	531.90
1828T-07	1 1/4"	DN32	0.89	4.65	8.62	5.91	0.51	1 1/4"	5.11	753.53
1828T-08	1 1/2"	DN40	1.13	4.65	9.69	5.91	0.72	1 1/2"	5.45	753.53
1828T-09	2	DN50	1.44	5.20	10.43	5.91	0.76	2	7.44	975.15

*WEIGHT IS ESTIMATED
 *ALL DIMENSIONS ARE EXPRESSED IN INCHES