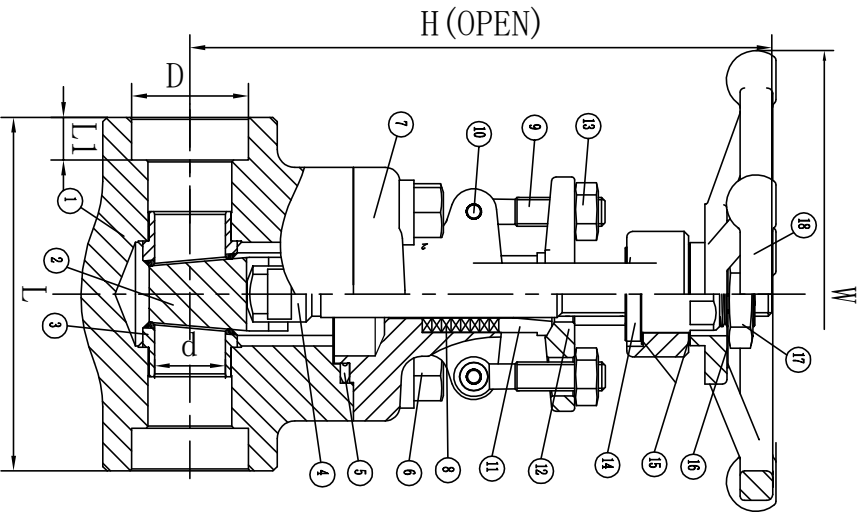


Class 800 OS&Y Gate Valve A105N (API Trim 8) NACE



10	GLAND BOLT PIN	A276 304			
9	GLAND BOLT	A193 B7M			
8	PACKING	Graphite(API 622)	18	HAND WHEEL	A197
7	BONNET	A105N	17	HAND WHEEL NUT	A108 1020
6	BONNET BOLT	A193 B7M	16	NAMEPLATE	SS
5	GASKET	304+Graphite	15	WASHER	A276 410
4	STEM	A276 410	14	STEM NUT	A276 410
3	SEAT RING	A276 410+STL	13	NUT	A194 2HM
2	WEDGE	A276 410	12	GLAND FLANGE	A105N
1	BODY	A105N	11	GLAND	A276 420
NO.	Part	Material	NO	Part	Material

ITEM NO.	SIZE	Dimension Unit: mm				Remarks
		LH1.6	D40.5	D ₀ ^{H4}	L140.5	
	1/2"	79.0	Ø13.0	Ø21.8	10.0	H45
	3/4"	92.0	Ø13.0	Ø27.2	13.0	H57.0
	1"	111.0	Ø18.0	Ø33.9	13.0	H85.0
	1 1/2"	120.0	Ø24.0	Ø42.7	13.0	H160.0
	2"	140.0	Ø36.5	Ø61.2	16.5	H200.0
						W45

PRESSURE RATING: 1975

WILLIAM E. VALVE CORPORATION
 38-52 REVIEW AVENUE
 LONG ISLAND CITY, NY 11101
 TEL: 718-392-1660
 FAX: 718-729-5106
 WWW.WILLIAMSVALVE.COM

TITLE: FORGED STEEL BOLTED BONNET
 GATE VALVE - CLASS 800 - API TRIM 8
 MATERIAL: A105N
 CLASS: 800 DATE: 08/02/19 SCALE: N.T.S.
 SIZE: 1/2" - 2" UNITS: Inch, mm

MARKING SYSTEM: MSS-SP-25 INSPECTION & TEST: API 598
 FACE TO FACE: API 602 SHELL: HYDRO 2975PSI
 WALL THICKNESS: API 602 BACK SEAT: HYDRO 2175PSI
 DESIGNED: API 602 SEAT: HYDRO 2175PSI
 APPROVED: API 624 SEAT: AIR 80PSI
 INACE: MR 0175
 CHECKED & APPROVED BY: E.C. REV: 1 DWG No.: XXXX

NO.	DATE	DESCRIPTION	APP'D	REV'D	APP'D	REV'D
Δ	08/02/19	RELEASED	F.L.	E.C.	E.C.	