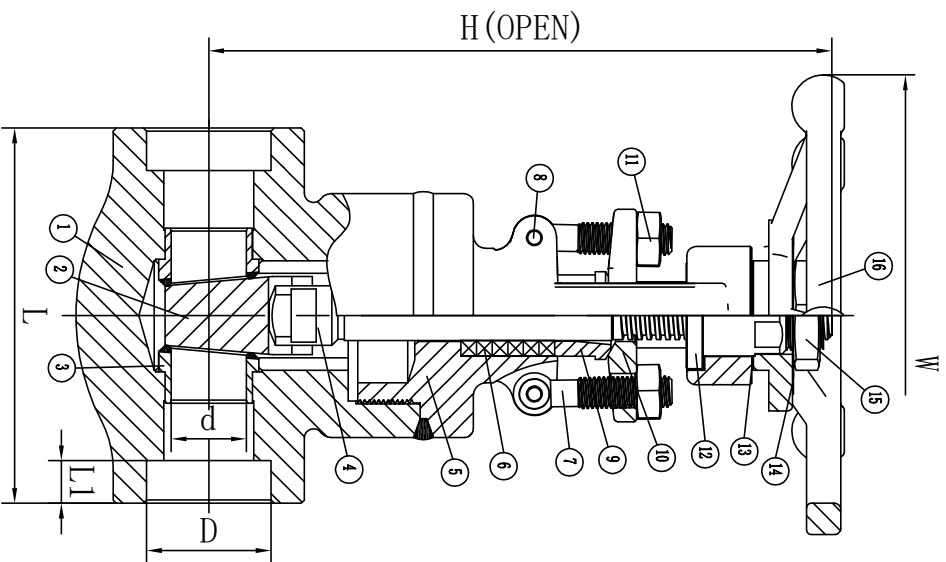


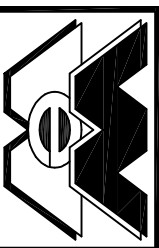
# Class 800 OS&Y Gate Valve A105N (API Trim 8) NACE



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

ITEM NO.	SIZE	Dimension Unit: mm				Remarks	
		L±1.6	Ø±0.5	D <sup>±0.4</sup>	L1±0.5		
	1/2"	79.0	Ø13.0	Ø21.8	10.0	158.0	100.0
	3/4"	92.0	Ø13.0	Ø27.2	13.0	162.0	100.0
	1"	111.0	Ø18.0	Ø33.9	13.0	198.0	120.0
	1 1/4"	120.0	Ø24.0	Ø42.7	13.0	230.0	160.0
	1 1/2"	120.0	Ø29.0	Ø48.8	13.0	244.0	160.0
	2"	140.0	Ø36.5	Ø61.2	16.5	294.0	220.0

PRESSURE RATING: 1975



**WILLIAM E. VALVE CORPORATION**

38-52 REVIEW AVENUE  
LONG ISLAND CITY, NY 11101

TEL: 718-392-1660  
FAX: 718-729-5106

**WILLIAMS**

VALVE CORPORATION

WWW.WILLIAMSVALVE.COM

TITLE: FORGED STEEL WELDED BONNET  
GATE VALVE - CLASS 800 - API TRIM 8

MATERIAL: A105N

CLASS: 800 DATE: 05/06/19 UNITS: Inch, mm

SCALE: N.T.S.

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

CHKD & APPRD BY: E.C. REV: 1 DWG No.: XXXX

NO.	DATE	DESCRIPTION	PRPD	REV'D	APPD	QUALIFIED API 624
Δ	05/06/19	RELEASED	F.L.	E.C.	E.C.	