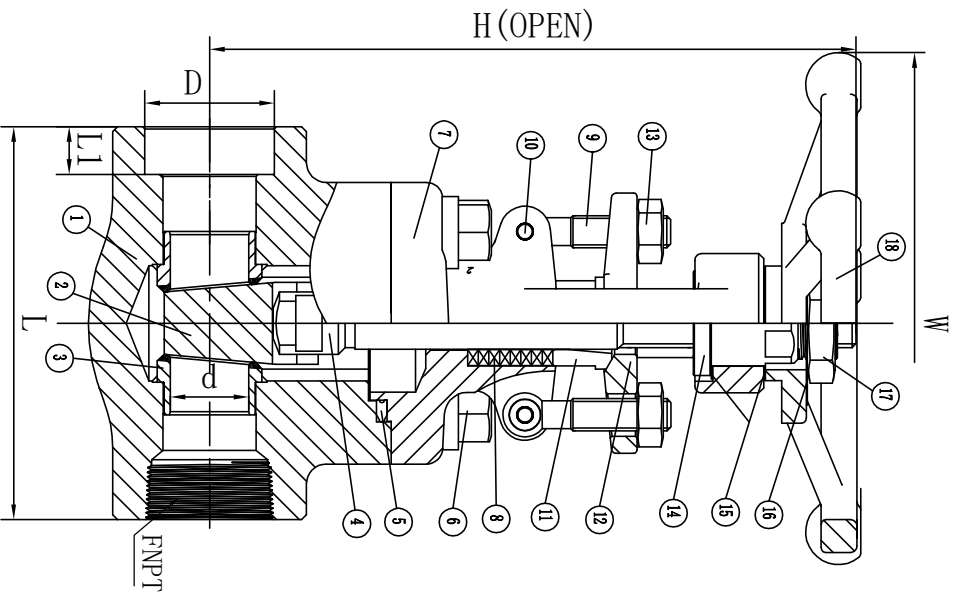


Class 1500 OS&Y Gate Valve A105N (API Trim 8) NACE



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	
		L±1.6	d±0.5	D ₀ ±4	L±0.5	FNPT		H±5
	1/2"	111.0	Ø13.0	Ø21.8	10.0	1/2"	180.0	120.0
	3/4"	111.0	Ø13.0	Ø27.2	13.0	3/4"	180.0	120.0
	1"	120.0	Ø18.0	Ø33.9	13.0	1"	220.0	160.0
	1 1/4"	120.0	Ø24.0	Ø42.7	13.0	1 1/4"	235.0	160.0
	1 1/2"	140.0	Ø29.0	Ø48.8	13.0	1 1/2"	266.0	220.0
	2"	160.0	Ø36.5	Ø61.2	16.5	2"	322.0	220.0

PRESSURE RATING: 3705



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WILLIAMS

VALVE CORPORATION

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TITLE: FORGED STEEL BOLTED BONNET

GATE VALVE - CLASS 1500 - API TRIM 8

MATERIAL: A105N UNITS: Inch, mm

CLASS: 1500 DATE: 04/03/19 SCALE: N.T.S.

SIZE: 1/2" - 2" FIG. No.: F150T XS2N

DRAWN BY: F.J.

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

NO.	DATE	DESCRIPTION	PRPD	REV'D	APP'D	MARKING SYSTEM	INSPECTION & TEST: API 598
Δ	04/03/19	RELEASED	F.J.	E.C.	E.C.	FACE TO FACE WALL THICKNESS	MSS-SP-25 API 602 API 602 API 602
						SHIELD BACK SEAT SEAT SEAT	HYDRO 5575PSI HYDRO 4000PSI HYDRO 4000PSI AIR 80PSI
						DESIGNED	INACE MR 0175
						QUALIFIED API 624	