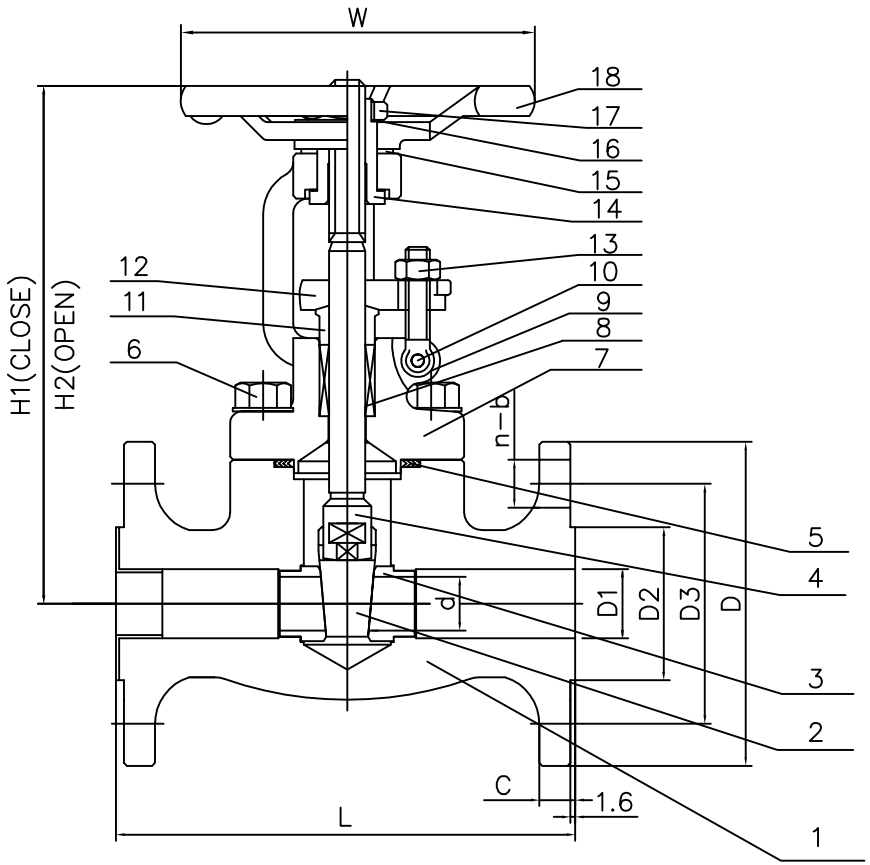
Wm. E. Williams No. F67F2N Class 600 RF OS&Y BB Gate Valve A105N (API Trim 8) NACE



ITEM	PART NAME	QTY	MATERIAL
1	Body	1	A105N
2	Disc	1	A276-410
3	Seat ring	2	A105N+HF
4	Stem	1	A276-410
5	Gasket	1	304+Graphite
6	Bonnet Bolt	4	A193-B7M
7	Bonnet	1	A105N
8	Packing	1Set	GRAPHITE WITH CORROSION INHIBITOR AND DIE FORMED RINGS
9	Gland Bolt	2	A276-410
10	Gland Bolt Pin	2	A276-410
11	Packing Flange	1	A276-410
12	Gland Flange	1	WCB
13	Nut	2	A194-2HM
14	Stem Nut	1	A276-410
15	Washer	2	A276-410
16	Nameplate	1	Aluminum
17	Hand Wheel Nut	1	A108-1025
18	Hand Wheel	1	A197

SIZE	L	H1	H2	W	d	D1	D2	D3	D	C	n-b
1/2"	165	149	166	ø100	ø13	ø16	ø35	ø67	ø95	21.5	4-ø16
3/4"	190	149	169	ø100	ø18	ø21	ø43	ø83	ø115	23	4-ø19
1"	216	171	193	ø125	ø24	ø26.5	ø51	ø89	ø125	24.5	4-ø19
1-1/4"	229	195	230	ø160	ø29	ø35	ø63.5	ø98.5	ø135	28	4-ø19
1-1/2"	241	212	246	ø160	ø36.5	ø41	ø73	ø114.5	ø155	29.5	4-ø22.5
2"	292	240	283	ø180	ø49	ø52.5	ø92	ø127	ø165	32	8-ø19

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TITLE: FORGED STEEL BOLTED BONNET GATE VALVE
CLASS 600 - API TRIM 8 - INTEGRAL FLANGES - FULL PORT

NO.	DATE	DESCRIPTION	PRP'D	REV'D	APP'D
1	1/1/12	ISSUED FOR PROPOSAL			

MARKING SYSTEM	MSS-SP-25	INSPECTION & TEST: API 598		
DIM. OF FLANGE	ANSI B16.5	SHELL	HYDRO	2250PSI
FACE TO FACE	ANSI B16.10	SEAT	AIR	80PSI
WALL THICKNESS	BS1868	BACK SEAT	HYDRO	1630PSI
DESIGNED	API 602	NACE MR 0175		

MATERIAL: A105N		UNITS: Inch, mm	
CLASS: 600	DATE: 01/01/12	SCALE: N.T.S.	
SIZE: 1/2 - 2"		FIG. No.: F67F-2N	
DRAWN BY: F.J.			
CHK'D & APR'D BY: R.P.	REV: 1	DWG No.: 50GA120265	