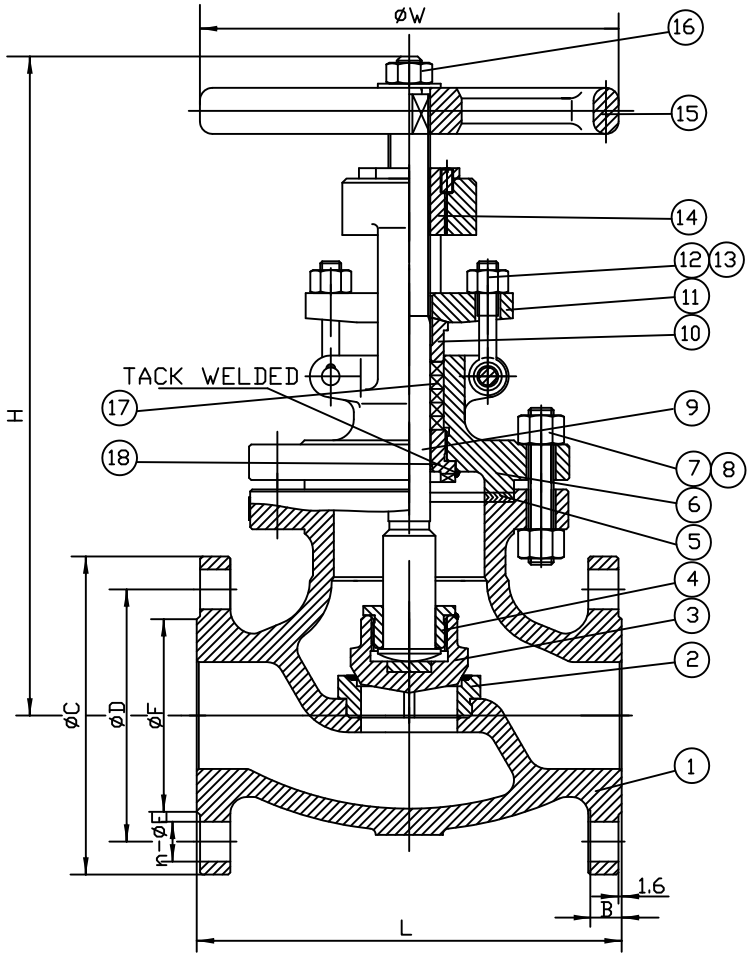
Wm. E. Williams No. 302F2N Class 300 RF Globe Valve ASTM A 216 WCB (API Trim 8) NACE



ITEM	NAME	MATERIAL	SPECIFICATION	NOTE
1	BODY	CAST STEEL	ASTM A 216 WCB	NACE
2	SEAT	CARBON STEEL	ASTM A 105+HF	
3	DISC	CARBON STEEL	ASTM A 105+13%Cr	
4	DISC COVER	STAINLESS STEEL	ASTM A 479-410	
5	GASKET	SPIRAL WOUND	SS304+GRAPHITE	
6	BONNET	CAST STEEL	ASTM A 216 WCB	
7	BONNET BOLT	STEEL	ASTM A 193-B7M	
8	BONNET NUT	STEEL	ASTM A 194-2HM	
9	STEM	STAINLESS STEEL	ASTM A 182 F6a	
10	GLAND	STAINLESS STEEL	ASTM A 479-410	
11	GLAND FLANGE	CAST STEEL	ASTM A 216 WCB	
12	EYE BOLT	STEEL	ASTM A 193-B7M	
13	EYE BOLT NUT	STEEL	ASTM A 194-2HM	
14	STEM NUT	NODULAR CAST IRON	ASTM A 439 D-2	
15	HANDWHEEL	NODULAR CAST IRON		
16	HANDWHEEL NUT	CARBON STEEL	ASTM A 29-1035	
17	PACKING RING	INCONEL WIRE WITH GRAPHITE		
18	BACKSEAT BUSHING	STAINLESS STEEL	ASTM A 479-410	

SIZE	L	B	C	D	n	E	F	H	W
2″	267	23	165	127	8	19	92	387	200
3″	318	29	210	168.5	8	22	127	405	250
4″	356	32	254	200	8	22	157	473	350
6″	444	37	318	270	12	22	216	602	450
8″	559	42	381	330	12	25	270	823	560
10″	622	48	445	387.5	16	29	324	780	560
12″	711	51	521	451	16	32	381	950	640
14″	838	54	584	514.5	20	32	413	908	640
16″	864	58	648	571.5	20	35	470	1023	640

Remark: Larger sizes available upon request

NO.	DATE	DESCRIPTION	PRP'D	REV'D	APP'D
1	12/30/15	RELEASED	F.J.	R.P.	R.P.

MARKING SYSTEM	MSS-SP-25	INSPECTION & TEST: API 598		
DIM.OF FLANGE	ANSI B16.5	SHELL	HYDRO	1125PSI
FACE TO FACE	ANSI B16.10	SEAT	AIR	80PSI
WALL THICKNESS	BS1873	BACK SEAT	HYDRO	815PSI
DESIGNED	BS1873, ANSI B16.34	NACE MR 0175		

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TITLE: CAST STEEL GLOBE VALVE
CLASS 300 - API TRIM 8 - B,B R,F OS&Y

MATERIAL: ASTM A216 GR.WCB		UNITS: Inch, mm	
CLASS: 300	DATE: 12/30/15	SCALE: N.T.S.	
SIZE: 2" - 16"		FIG. No.: 302F2N	
DRAWN BY: F.J.			
CHK'D & APR'D BY: R.P.	REV: 1	DWG No.: 60GL120099-28	