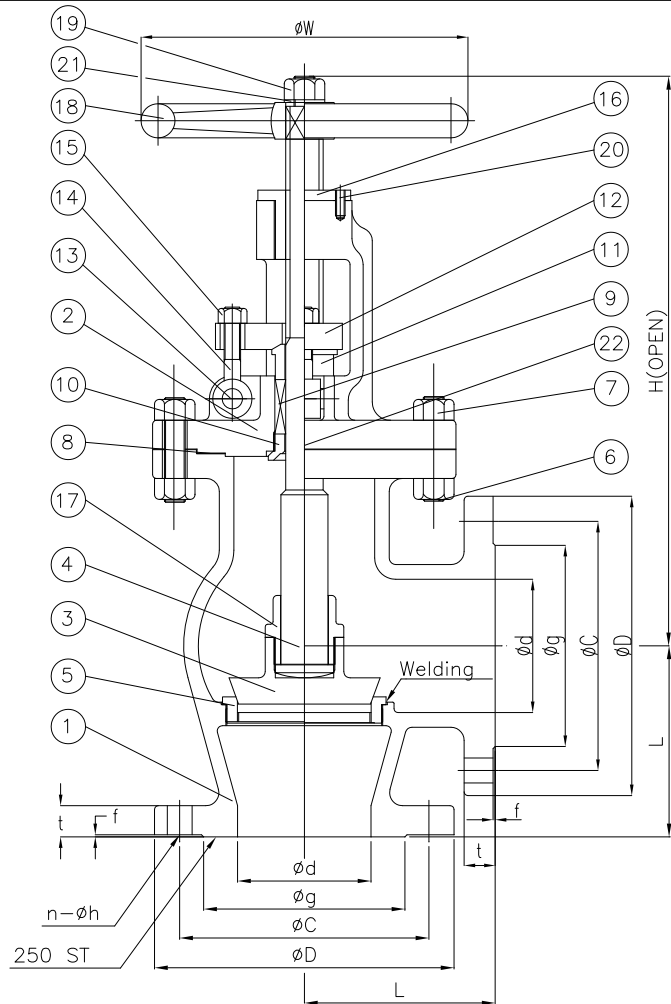


# Wm. E. Williams No. 303F2 Class 300 RF Angle Valve ASTM A 216 WCB (API Trim 8)



BILL OF MATERIALS			
NO.	PART NAME	MATERIALS	Q'TY
1	BODY	A216Gr WCB	1
2	BONNET	A216Gr WCB	1
3	DISC	A216Gr WCB + 13Cr Faced	1
4	STEM	A479 410	1
5	SEAT RING	A105N + HF	1
6	BONNET BOLT	A193Gr B7	1SET
7	BONNET NUT	A194Gr 2H	1SET
8	GASKET	304 + GRAPHITE	1
9	PACKING	GRAPHITE WITH CORROSION INHIBITOR AND DIE FORMED RINGS	1SET
10	BACK SEAT	A479Gr 410	1
11	GLAND RING	A479Gr 410	1
12	GLAND FLANGE	WCB	1
13	HINGE PIN	410	2
14	GLAND BOLT	A193Gr B7	2
15	GLAND NUT	A194Gr 2H	2
16	BONNET BUSH	A439Gr D2C	1
17	DISC NUT	A217Gr CA15	1
18	HAND WHEEL	A197	1
19	HANDLE NUT	A194Gr 2H	1
20	SET SCREW	STEEL	1
21	WASHER	STEEL	1
22	NAME PLATE	STAINLESS STEEL	1

SIZE	d	L	D	C	g	t	f	n-h	H	W
2.00	2.00	5.25	6.50	5.00	3.62	0.88	0.060	8-0.75	13.37	9.00
2.50	2.50	5.75	7.50	5.87	4.12	1.00	0.060	8-0.87	15.37	9.00
3.00	3.00	6.25	8.25	6.63	5.00	1.12	0.060	8-0.87	16.50	13.00
4.00	4.00	7.00	10.00	7.87	6.19	1.25	0.060	8-0.87	19.37	14.00
5.00	5.00	7.87	11.00	9.25	7.31	1.38	0.060	8-0.87	21.50	15.75
6.00	6.00	8.75	12.50	10.63	8.50	1.44	0.060	12-0.87	24.37	17.75
8.00	8.00	11.00	15.00	13.00	10.62	1.62	0.060	12-1.00	31.25	22.00
10.00	10.00	12.25	17.50	15.25	12.75	1.88	0.060	16-1.12	45.00	34.00
12.00	12.00	14.00	20.50	17.75	15.00	2.00	0.060	16-1.25	49.50	34.00

Remark: Larger sizes available upon request.



TITLE: CAST STEEL ANGLE GLOBE VALVE CLASS 300 - API TRIM 8 - B,B,R,F	
MATERIAL: ASTM A216 GR.WCB	UNITS: Inch, mm
CLASS: 300	DATE: 09/17/13
SCALE: N.T.S.	FIG. No.: 303F-2
SIZE: 2" - 12"	DRAWN BY: F.J.
WALL THICKNESS: BS1873	CHK'D & APR'D BY: R.P.
MARKING SYSTEM: MSS-SP-25	REVISION: 1
INSPECTION & TEST: API 598	DWG No.: 60AN120253

NO.	DATE	DESCRIPTION	PRP'D	REV'D	APP'D
Δ	9/17/13	RELEASED	F.J.	R.P.	R.P.

DIM.OF FLANGE	CENTER TO FACE	MARKING SYSTEM	MSS-SP-25	INSPECTION & TEST	APR'D
ANSI B16.5	ANSI B16.10	SEAT	AIR	HYDRO 80PSI	815PSI
ANSI B16.10	SEAT	BACK SEAT	HYDRO	815PSI	
DESIGNED	BS1873, ANSI B16.34				