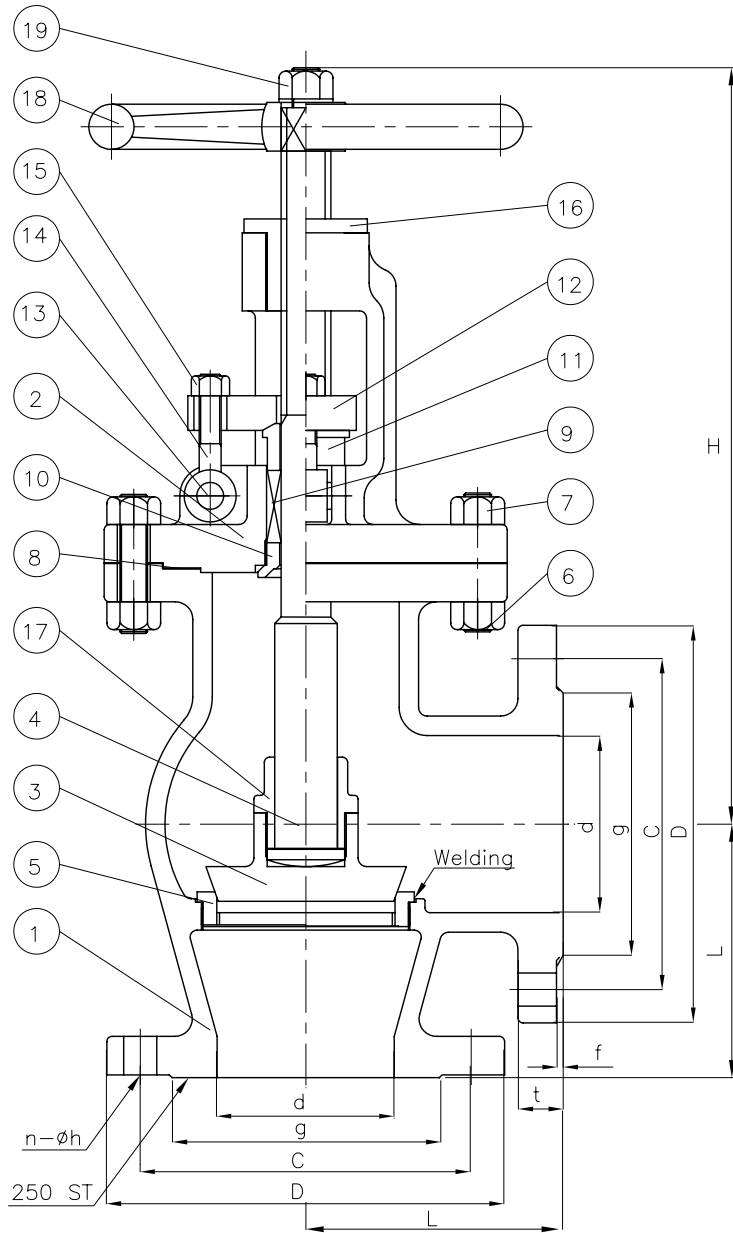


Wm. E. Williams No. 153F2, 153F4, 153F4-AB Class 150 RF WCB Angle Valve ASTM A 216



BILL OF MATERIALS

NO.	PART NAME	153F2	153F4	153F4-AB	Q'TY
		API TRIM 8 (410/HF)	BRONZE TRIM	AL. BRZ TRIM	
1	BODY	A216Gr WCB	A216Gr WCB	A216Gr WCB	1
2	BONNET	A216Gr WCB	A216Gr WCB	A216Gr WCB	1
3	DISC	WCB 216 Co.CrA STEL.HF	WCB W/BRONZE FACE	WCB W/B148 FACE	1
4	STEM	A479Gr 410	ASTM B124	BRONZE B148 C95500	1
5	SEAT RING	A105 With STELLITE Welding	A105 With ASTM B62 OVERLAY	A105 W/B148 C95500 FACE	1
6	BONNET BOLT	A193Gr B7	A193Gr B7	A193Gr B7	1SET
7	BONNET NUT	A194Gr 2H	A194Gr 2H	A194Gr 2H	1SET
8	GASKET	P#1400G	P#1400G	P#1400G	1
9	PACKING	P#6610+P#6528	P#6610+P#6528	P#6610+P#6528	1SET
10	BACK SEAT	A479Gr 410	A479Gr 410	A479Gr 410	1
11	GLAND RING	A479Gr 410	A479Gr 410	A479Gr 410	1
12	GLAND FLANGE	A105 or WCB	A105 or WCB	A105 or WCB	1
13	HINGE PIN	A105 or 410	A105 or 410	A105 or 410	2
14	GLAND BOLT	A307Gr B	A307Gr B	A307Gr B	2
15	GLAND NUT	A307Gr B	A307Gr B	A307Gr B	2
16	BONNET BUSH	A439Gr D2C	A439Gr D2C	A439Gr D2C	1
17	DISC NUT	A217Gr CA15	A217Gr CA15	A217Gr CA15	1
18	HAND WHEEL	A197	A197	A197	1
19	HANDLE NUT	A307Gr B	A307Gr B	A307Gr B	1

UNIT: INCH

SIZE	d	L	D	C	g	t	f	n-h	H	W
2.00	2.00	4.00	6.00	4.75	3.63	0.625	0.060	4-0.75	14.44	7.00
2.50	2.50	4.25	7.00	5.50	4.13	0.689	0.060	4-0.75	14.96	7.87
3.00	3.00	4.75	7.50	6.00	5.00	0.750	0.060	4-0.75	16.65	8.82
4.00	4.00	5.75	9.00	7.50	6.87	0.937	0.060	8-0.75	18.26	9.87
5.00	5.00	7.00	10.00	8.50	7.32	0.937	0.060	8-0.87	20.47	9.87
6.00	6.00	8.00	11.00	9.50	8.50	1.000	0.060	8-0.87	23.42	12.37
8.00	8.00	9.75	13.50	11.75	10.62	1.125	0.060	8-0.87	28.71	13.97
10.00	10.00	12.25	16.00	14.25	12.75	1.187	0.060	12-1.00	33.93	15.75
12.00	12.00	13.75	19.00	17.00	15.00	1.250	0.060	12-1.00	45.35	17.75



WILLIAMS
VALVE CORPORATION

MARKING SYSTEM	MSS-SP-25	INSPECTION & TEST: API 598
DIM.OF FLANGE	ANSI B16.5	SHELL HYDRO 450PSI
FACE TO FACE	ANSI B16.10	SEAT AIR 80PSI
WALL THICKNESS	API 600	BACK SEAT HYDRO 315PSI
OVERALL	API 600, ANSI B16.34	

TITLE CAST STEEL ANGLE GLOBE CLASS 150 B,B R,F			
SCALE	Fig #	DRAWING NO.	REV. 00
NONE	SEE ABOVE	38AN060315	

NO.	DATE	DESCRIPTION	PRP'D	REV'D	APP'D
	10/06	AB TRIM			