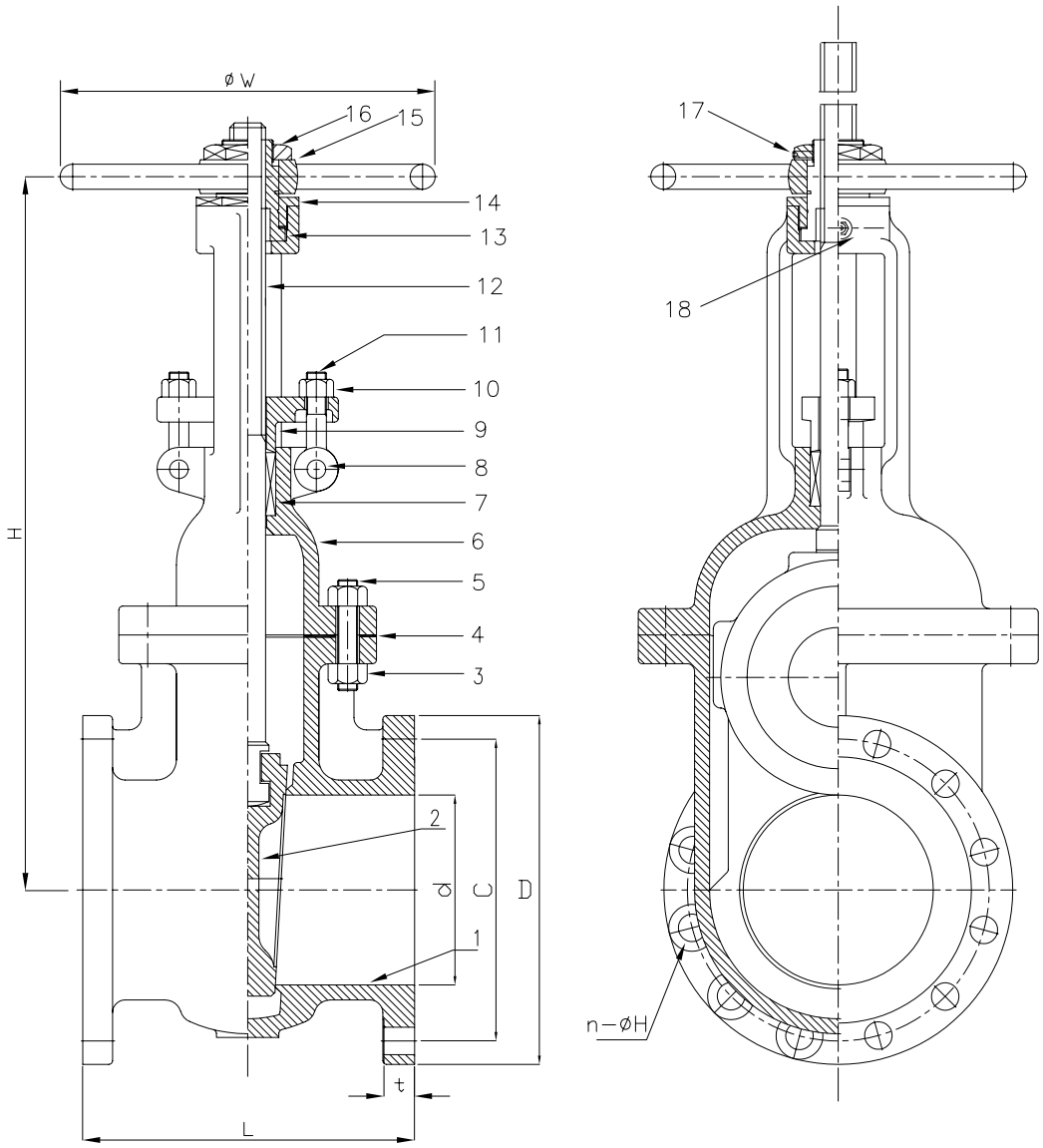


# Wm. E. Williams No. 142F

# Class 150 B.B. OS&Y F.F. Gate Valve ASTM B62



18	GREASNIPPLE	STEEL	1	
17	SET SCREW	ALLOY STEEL	1	
16	HANDWHEEL NUT	C/S 1020	1	
15	HAND WHEEL	ASTM A197	1	
14	YOKE CAP NUT	ASTM B62	1	
13	STEM NUT	ASTM B62	1	
12	STEM	ASTM B124	1	NOTE 2
11	GLAND EYE BOLT	ASTM B16	2	
10	GLAND EYE BOLT NUT	ASTM B16	2	
9	GLAND FLANGE	ASTM B62	1	
8	GLAND EYE BOLT PIN	ASTM B16	2	
7	PACKING	TFE	1	NOTE 2
6	BONNET	ASTM B62	1	
5	BONNET STUD	ASTM B16	1set	
4	GASKET	NON-ASBESTOS	1	NOTE 2
3	BONNET STUD NUT	ASTM B16	1set	
2	DISC	ASTM B62	1	NOTE 2&3
1	BODY	ASTM B62	1	
No	PARTS	MATERIAL	Q'TY	REMARK

**NOTE:**

1. STANDARD INTEGRAL SEAT.
2. ALTERNATE MATERIALS AVAILABLE UPON REQUEST.
3. SOLID WEDGE.

**UNIT: INCH**

SIZE	L	d	D	C	t	H	n-Øh	W
2.00	7.00	2.00	6.00	4.75	0.50	11.50	4-0.75	7.063
3.00	8.00	3.00	7.50	6.00	0.56	14.75	4-0.75	7.063
3.50	8.50	3.50	8.50	7.00	0.63	16.00	4-0.75	7.870
4.00	9.00	4.00	9.00	7.50	0.69	19.37	8-0.75	8.820
5.00	10.00	6.00	10.00	8.50	0.75	20.12	8-0.75	8.820
6.00	10.50	6.00	11.00	9.50	0.813	24.12	8-0.87	9.870
8.00	11.50	8.00	13.50	11.75	0.94	35.62	8-0.87	12.31
10.00	13.00	10.00	16.00	14.25	1.00	44.82	12-1.00	14.00
12.00	14.00	12.00	19.00	17.00	1.062	52.62	12-1.00	15.75

△					APPLICABLE STANDARDS	INSPECTION & TEST: API 598		TITLE					
△					MSS-SP6 MSS-SP25	SHELL	HYDRO 350 PSIG	CAST BRONZE GATE VALVE					
△					MSS-SP9 MSS-SP82	BACK SEAT	HYDRO 225 PSIG	CLASS 150 OS&Y B.B F.F.					
NO.	DATE	DESCRIPTION	PRP'D	REV'D	APP'D	DESIGNED	ANSI B16,24	SEAT	HYDRO 225 PSIG	SCALE	Fig #	DRAWING NO.	REV.
										NONE	142F	20BR060157	0