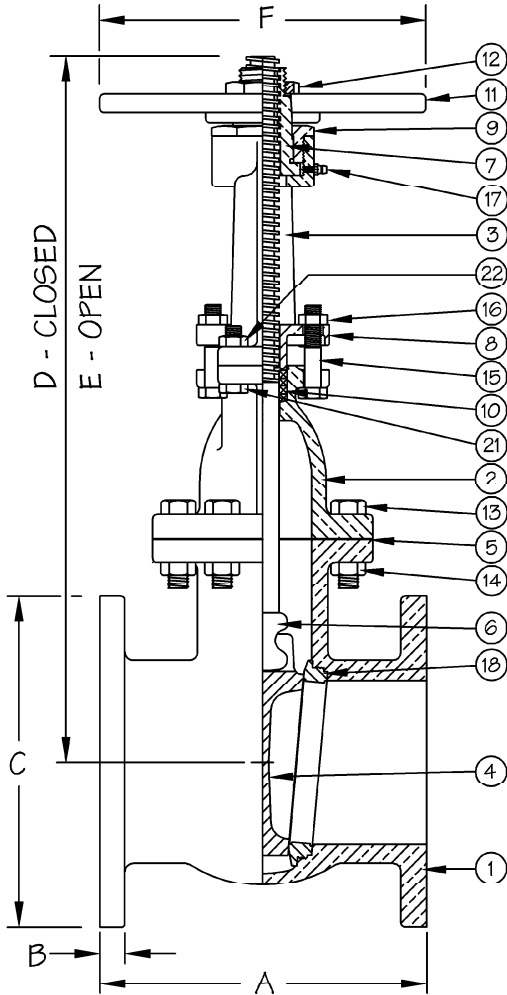


# ALUMINUM BRONZE GATE

150 PSI, 5" - 24"  
FLANGED END, B.B., OS&Y  
MONEL TRIM

**FIGURE NO. AB102E**



## DIMENSIONS

SIZE	5	6	8	10	12	14	16	18	20	24
A	10	10 $\frac{1}{2}$	11 $\frac{1}{2}$	13	14	15	16	17	18	20
B	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{15}{16}$	1	$1\frac{1}{16}$	$1\frac{3}{16}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{7}{16}$	$1\frac{5}{8}$
C	10	11	13 $\frac{1}{2}$	16	19	21	23 $\frac{1}{2}$	25	27 $\frac{1}{2}$	32
D	22 $\frac{5}{8}$	24 $\frac{1}{8}$	30 $\frac{3}{8}$	36 $\frac{15}{16}$	43 $\frac{5}{8}$	45 $\frac{3}{4}$	52 $\frac{7}{8}$	61 $\frac{1}{2}$	68 $\frac{1}{4}$	74 $\frac{7}{8}$
E	28 $\frac{3}{8}$	30 $\frac{1}{2}$	39 $\frac{1}{16}$	47 $\frac{1}{4}$	55 $\frac{7}{8}$	59 $\frac{1}{2}$	69 $\frac{3}{8}$	80	89 $\frac{1}{2}$	98 $\frac{7}{8}$
F	10	10	12	16	16	21	24	24	24	24
WT	108	138	244	376	600	922	971	1161	1708	2198

## BILL OF MATERIALS

PART	MATERIAL	SPEC.
1 BODY	ALUMINUM BRONZE	ASTM B148, 955/958
2 BONNET	ALUMINUM BRONZE	ASTM B148, 955/958
3 YOKE	ALUMINUM BRONZE	ASTM B148, 955/958
4 WEDGE	NI-CU ALLOY	ASTM A494, GR. M30C
5 BONNET GASKET	SYNTHETIC RUBBER	MIL-PRF-1149, CL. 2
6 STEM	NI-CU ALLOY	QQ-N-281
7 OPERATING NUT	MANGANESE BRONZE	ASTM B584, ALLOY 86500
8 PACKING GLAND	ALUMINUM BRONZE	ASTM B148, 955/958
9 RETAINER NUT	BRONZE	ASTM B61
10 STEM PACKING	SYNTHETIC TEFLON	COMMERCIAL
11 HANDWHEEL	ALUMINUM	COMMERCIAL
12 WHEELNUT	BRONZE	ASTM B61
13 BONNET BOLT	SILICON BRONZE	ASTM B98
14 BONNET NUT	SILICON BRONZE	ASTM B98
15 GLAND BOLT	SILICON BRONZE	ASTM B98
16 GLAND NUT	SILICON BRONZE	ASTM B98
17 GREASE FITTING	STEEL	MIL-F-3541
18 SEAT RING	NI-CU ALLOY	ASTM A494, GR. M30H
21 YOKE BOLT	PLATED STEEL	ASTM A307, GR. A
22 YOKE NUT	PLATED STEEL	ASTM A563, GR. A

