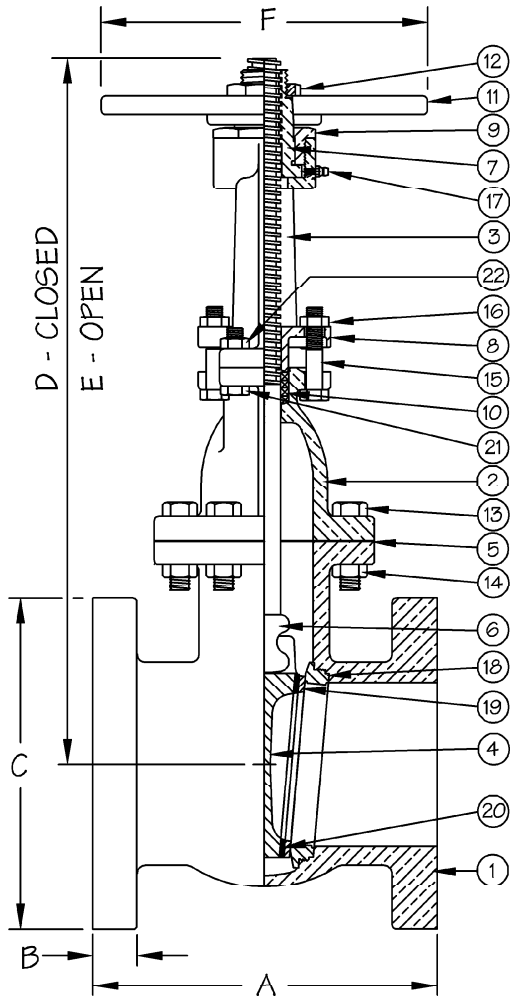


BRONZE GATE

300 PSI, 5" - 12"
 FLANGED END, B.B., OS&Y
 MONEL TRIM

FIGURE NO. B302E



DIMENSIONS

SIZE	5	6	8	10	12
A	10 $\frac{1}{4}$	10 $\frac{3}{4}$	11 $\frac{3}{4}$	13 $\frac{1}{2}$	14 $\frac{1}{2}$
B	1 $\frac{1}{8}$	1 $\frac{3}{16}$	1 $\frac{3}{8}$	1 $\frac{7}{16}$	1 $\frac{17}{32}$
C	11	12 $\frac{1}{2}$	15	17 $\frac{1}{2}$	20 $\frac{1}{2}$
D	21 $\frac{1}{2}$	24 $\frac{1}{4}$	30 $\frac{5}{8}$	36 $\frac{1}{4}$	42
E	27	30 $\frac{3}{4}$	39 $\frac{1}{4}$	46 $\frac{7}{8}$	54 $\frac{5}{8}$
F	12	16	16	18	21
WT	154	196	346	532	848

BILL OF MATERIALS

PART	MATERIAL	SPEC.
1 BODY	BRONZE	ASTM B61
2 BONNET	BRONZE	ASTM B61
3 YOKE	BRONZE	ASTM B61
4 WEDGE *	BRONZE	ASTM B61
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	BRONZE	ASTM B61
9 RETAINER NUT	BRONZE	ASTM B61
10 STEM PACKING	SYNTHETIC TEFLON	COMMERCIAL
11 HANDWHEEL	ALUMINUM	COMMERCIAL
12 WHEELNUT	F.C. BRASS	ASTM B16
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
19 WEDGE RING	NI-CU ALLOY	QQ-N-288
20 SILVER SOLDER	SOLDER SOLDER	MIL-S-15395
21 YOKE BOLT	PLATED STEEL	ASTM A307, GR. A
22 YOKE NUT	PLATED STEEL	ASTM A563, GR. A
32 SOLID MONEL WEDGE	NI-CU ALLOY	ASTM A494, GR. M30C
33 WEDGE ASSEMBLY	PCS 4, 19 & 20	SEE INDIVIDUAL PIECES

*WHEN FURNISHED AS SOLID MONEL USE PART NO. 32.

