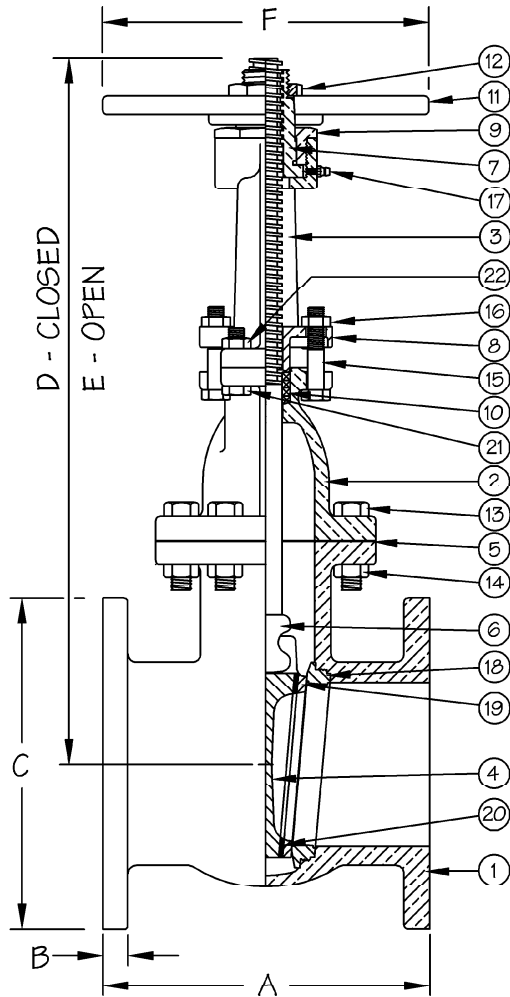


BRONZE GATE

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

FIGURE NO. B102E



BILL OF MATERIALS

PART	MATERIAL	SPEC.
1	BODY	BRONZE ASTM B61 or B62
2	BONNET	BRONZE ASTM B61 or B62
3	YOKE	BRONZE ASTM B61 or B62
4	WEDGE *	BRONZE ASTM B61 or B62
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 or B62
9	RETAINER NUT	BRONZE ASTM B61 or B62
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	SILVER 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.

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	131	163	282	445	706	1085	1143	1420	2010	2633

