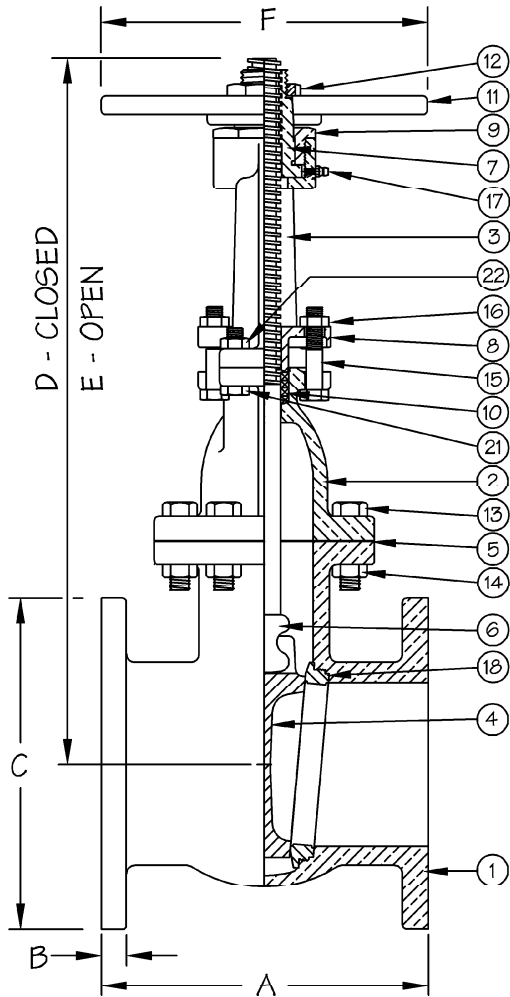


BRONZE GATE

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

FIGURE NO. B102A



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

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	MANGANESE BRONZE	ASTM B138, ALLOY C675
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	BRONZE	ASTM B61 or B62
21 YOKE BOLT	PLATED STEEL	ASTM A307, GR. A
22 YOKE NUT	PLATED STEEL	ASTM A563, GR. A

