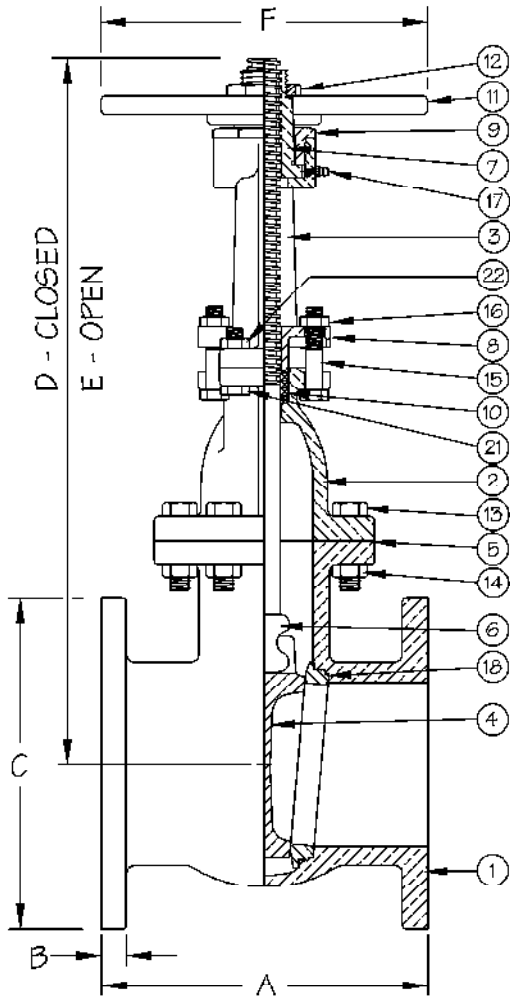


# BRONZE GATE

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

