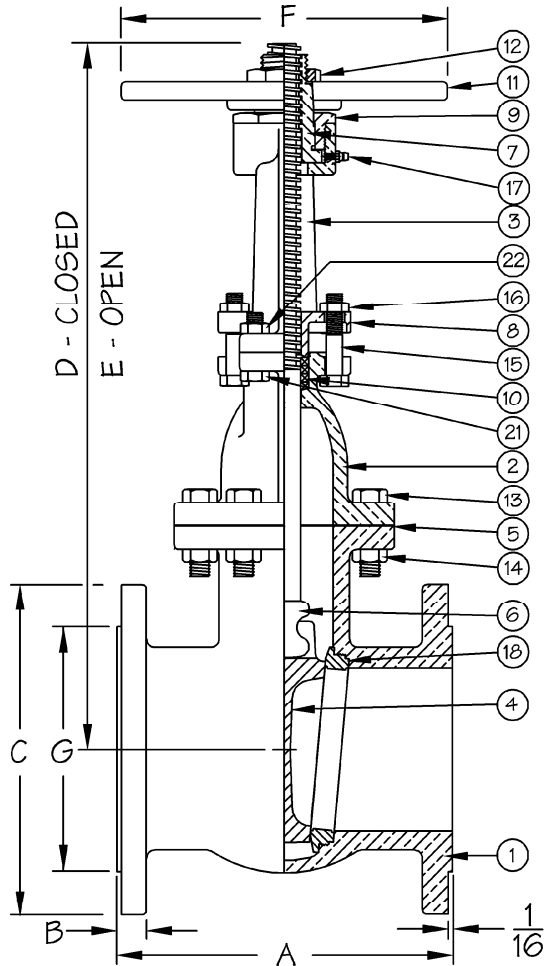


CAST IRON GATE

150 PSI, 5" - 24"
 FLANGED END, B.B., OS&Y
 BRONZE TRIM
 (WITH MONEL STEM)
FIGURE NO. CI102A



BILL OF MATERIALS			
PART	MATERIAL	SPEC.	
1	BODY	CAST IRON	ASTM A126, CL. B
2	BONNET	CASTN IRON	ASTM A126, CL. B
3	YOKE	CAST IRON	ASTM A126, CL. B
4	WEDGE	BRONZE	ASTM B61 or B62
5	BONNET GASKET	COMP. NON-ASBESTOS	GARLOCK 2900
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	PLATED STEEL	ASTM A307, GR. A
14	BONNET NUT	PLATED STEEL	ASTM A563, GR. A
15	GLAND BOLT	PLATED STEEL	ASTM A307, GR. A
16	GLAND NUT	PLATED STEEL	ASTM A563, GR. A
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

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	1 $\frac{5}{16}$	1	1 $\frac{1}{8}$	1 $\frac{3}{16}$	1 $\frac{1}{4}$	1 $\frac{3}{8}$	1 $\frac{7}{16}$	1 $\frac{9}{16}$	1 $\frac{11}{16}$	1 $\frac{7}{8}$
C	10	11	13 $\frac{1}{2}$	16	19	21	23 $\frac{1}{2}$	25	27 $\frac{1}{2}$	32
D	21 $\frac{7}{8}$	25 $\frac{5}{16}$	31 $\frac{1}{8}$	36 $\frac{3}{4}$	42 $\frac{11}{16}$	50	60	66 $\frac{1}{2}$	70	74 $\frac{7}{8}$
E	27 $\frac{5}{16}$	30 $\frac{3}{16}$	39 $\frac{11}{16}$	47 $\frac{3}{8}$	55 $\frac{5}{16}$	65	77	84 $\frac{1}{2}$	88 $\frac{1}{2}$	98 $\frac{7}{8}$
F	12	12	14	16	16	21	24	27	30	30
G	7 $\frac{5}{16}$	8 $\frac{1}{2}$	10 $\frac{5}{8}$	12 $\frac{3}{4}$	15	16 $\frac{1}{4}$	18 $\frac{1}{2}$	21	23	27 $\frac{1}{4}$

