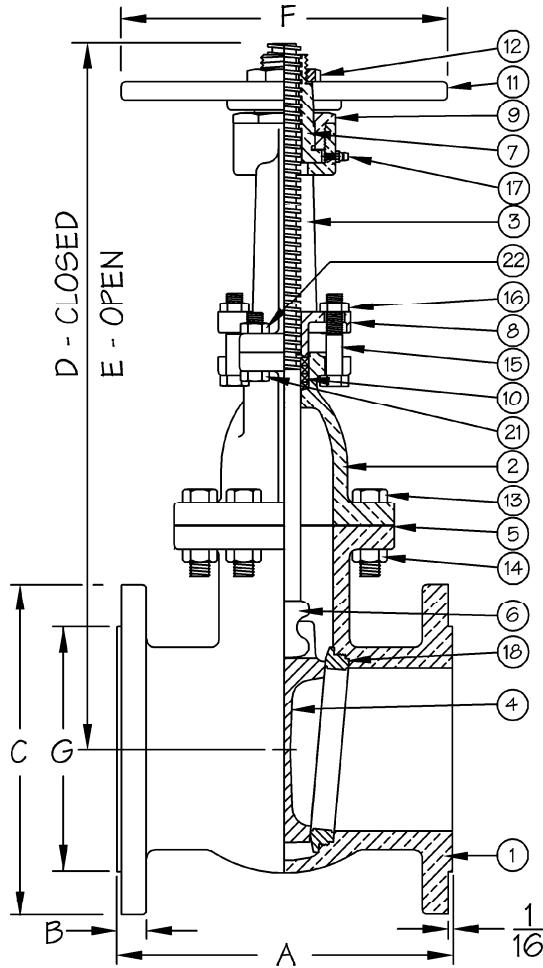


# DUCTILE GATE

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

**FIGURE NO. D102A**



DIMENSIONS

BILL OF MATERIALS			
PART	MATERIAL	SPEC.	
1	BODY	DUCTILE IRON	ASTM A395, GR. 60-40-18
2	BONNET	DUCTILE IRON	ASTM A395, GR. 60-40-18
3	YOKE	DUCTILE IRON	ASTM A395, GR. 60-40-18
4	WEDGE	BRONZE	ASTM B61 or B62
5	BONNET GASKET	COMP. NON-ASBESTOS	GARLOCK 2900
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	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

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	$\frac{15}{16}$	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 $\frac{1}{4}$
WT	126	180	280	401	630	762	1031			

