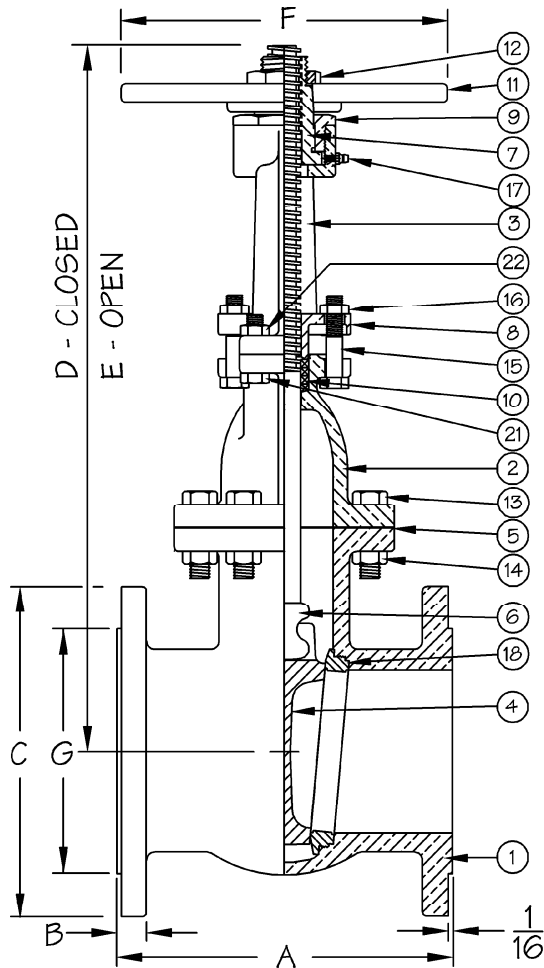


DUCTILE GATE

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

FIGURE NO. D102E



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	NI-CU ALLOY	ASTM A494, GR. M30C
5 BONNET GASKET	COMP. NON-ASBESTOS	GARLOCK 2900
6 STEM	NI-CU ALLOY	QQ-N-281, CL. A
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	NI-CU ALLOY	ASTM A494, GR. M30H
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	$\frac{15}{16}$	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			

