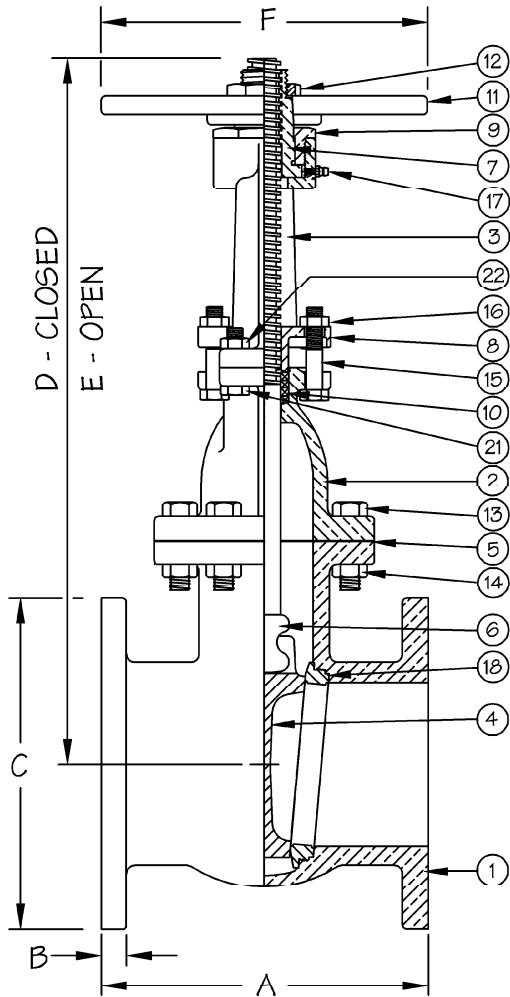


ALUMINUM GATE

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

FIGURE NO. A102



DIMENSIONS

BILL OF MATERIALS			
PART	MATERIAL	SPEC.	
1	BODY	ALUMINUM	ASTM B26, GR. 5G70A
2	BONNET	ALUMINUM	ASTM B26, GR. 5G70A
3	YOKE	ALUMINUM	ASTM B26, GR. 5G70A
4	WEDGE	ALUMINUM	ASTM B26, GR. 5G70A
5	BONNET GASKET	SYNTHETIC RUBBER	MIL-PRF-1149, CL. 2
6	STEM	STAINLESS STEEL	AISI TY. 316
7	OPERATING NUT	BRONZE	ASTM B62
8	PACKING GLAND	ALUMINUM	ASTM B26, GR. 5G70A
9	RETAINER NUT	ALUMINUM	ASTM B26, GR. 5G70A
10	STEM PACKING	SYNTHETIC TEFLON	COMMERCIAL
11	HANDWHEEL	ALUMINUM	ASTM B26, GR. 5G70A
12	WHEELNUT	ALUMINUM	ASTM B26, GR. 5G70A
13	BONNET BOLT	STAINLESS STEEL	AISI TY. 303
14	BONNET NUT	STAINLESS STEEL	AISI TY. 303
15	GLAND BOLT	STAINLESS STEEL	AISI TY. 303
16	GLAND NUT	STAINLESS STEEL	AISI TY. 303
17	GREASE FITTING	NI-CU ALLOY	ALEMITE 1962-B
18	SEAT RING	ALUMINUM	ASTM B26, GR. 5G70A
21	YOKE BOLT	STAINLESS STEEL	AISI TY. 303
22	YOKE NUT	STAINLESS STEEL	AISI TY. 303

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	44	55	95	149	236	362	381	474	670	878

