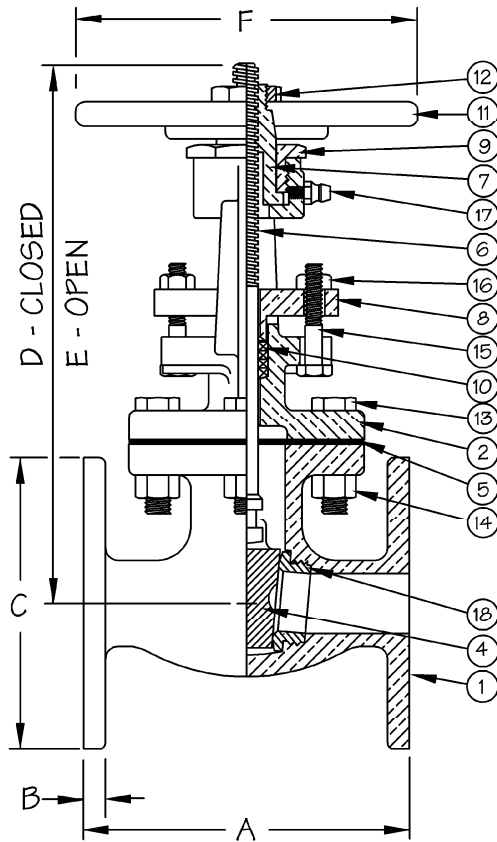


BRONZE GATE

100 PSI, 1" - 4"
 FLANGED END, B.B., OS&Y
 MIL-V-1189, TYPE I, CLASS I

FIGURE NO. NB0102E



BILL OF MATERIALS

PART	MATERIAL	SPEC.
1 BODY	BRONZE	ASTM B61
2 BONNET	BRONZE	ASTM B61
4 WEDGE	NI-CU ALLOY	ASTM A494, GR. M30C
5 BONNET GASKET	SYNTHETIC RUBBER	MIL-PRF-1149, CL. 2
6 STEM	NI-CU ALLOY	QQ-N-281
7 OPERATING NUT	MANGANESE BRONZE	ASTM B584, ALLOY 86500
8 PACKING GLAND	BRONZE	ASTM B61
9 RETAINER NUT	BRONZE	ASTM B61
10 STEM PACKING	SYNTHETIC TEFLON	COMMERCIAL
11 HANDWHEEL	ALUMINUM	803-1385620
12 WHEELNUT	F.C. BRASS	ASTM B16
13 BONNET BOLT	NI-CU ALLOY	QQ-N-281, CL. A
14 BONNET NUT	NI-CU ALLOY	QQ-N-281, CL. A or B
15 GLAND BOLT	SILICON BRONZE	ASTM B98
16 GLAND NUT	SILICON BRONZE	ASTM B98
17 GREASE FITTING	STEEL	MIL-F-3541
18 SEAT RING	NI-CU ALLOY	ASTM A494, GR. M30H

DIMENSIONS

SIZE	1	1-1/4	1-1/2	2	2-1/2	3	3-1/2	4
A	5	5 $\frac{1}{4}$	5 $\frac{1}{2}$	5 $\frac{3}{4}$	6	6 $\frac{1}{4}$	6 $\frac{1}{2}$	6 $\frac{3}{4}$
B	7 $\frac{7}{16}$	7 $\frac{7}{16}$	7 $\frac{7}{16}$	7 $\frac{7}{16}$	2	2	2	2
C	4 $\frac{1}{4}$	4 $\frac{1}{2}$	5 $\frac{1}{16}$	5 $\frac{9}{16}$	6 $\frac{1}{8}$	6 $\frac{5}{8}$	7 $\frac{3}{16}$	7 $\frac{11}{16}$
D	7 $\frac{3}{4}$	10	10	11 $\frac{1}{4}$	10 $\frac{13}{16}$	14 $\frac{7}{8}$	15 $\frac{11}{16}$	16 $\frac{3}{4}$
E	8 $\frac{7}{8}$	11 $\frac{5}{8}$	11 $\frac{5}{8}$	13 $\frac{1}{4}$	13 $\frac{1}{2}$	18 $\frac{3}{8}$	19 $\frac{1}{2}$	20 $\frac{7}{8}$
F	5	6	6	6	6	8	8	8
WT	11	16	16	20	26	42	52	64

