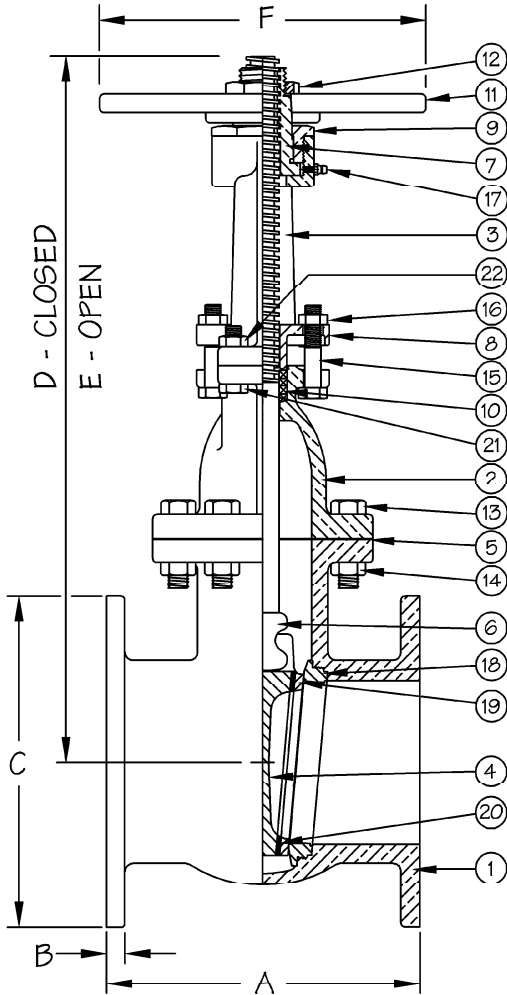


BRONZE GATE

100 PSI, 4-1/2" - 12"
 FLANGED END, B.B., OS&Y
 MIL-V-1189, TYPE I, CLASS I

FIGURE NO. NB0102E



DIMENSIONS

BILL OF MATERIALS			
PART	MATERIAL	SPEC.	
1	BODY	BRONZE	ASTM B61
2	BONNET	BRONZE	ASTM B61
3	YOKE	BRONZE	ASTM B61
4	WEDGE *	BRONZE	ASTM B61
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
19	WEDGE RING	NI-CU ALLOY	QQ-N-288
20	SILVER SOLDER	SILVER SOLDER	MIL-S-15395
21	YOKE BOLT	PLATED STEEL	ASTM A307, GR. A
22	YOKE NUT	PLATED STEEL	ASTM A563, GR. A
32	SOLID MONEL WEDGE	NI-CU ALLOY	ASTM A494, GR. M30C
33	WEDGE ASSEMBLY	PCS 4, 19 & 20	SEE INDIVIDUAL PIECES

*WHEN FURNISHED AS SOLID MONEL USE PART NO. 32.

SIZE	4-1/2	5	6	8	9	10	12
A	7	7 $\frac{1}{2}$	8	9 $\frac{1}{2}$	10 $\frac{1}{2}$	11	12 $\frac{1}{2}$
B	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{3}{4}$
C	8 $\frac{3}{16}$	9 $\frac{1}{16}$	10 $\frac{1}{8}$	12 $\frac{3}{8}$	13 $\frac{15}{16}$	15	17 $\frac{5}{8}$
D	21 $\frac{3}{4}$	21 $\frac{3}{4}$	24 $\frac{1}{4}$	30 $\frac{11}{16}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$	43 $\frac{5}{16}$
E	27 $\frac{1}{2}$	27 $\frac{1}{2}$	30 $\frac{3}{8}$	39 $\frac{3}{16}$	47 $\frac{5}{8}$	47 $\frac{5}{8}$	55 $\frac{7}{8}$
F	10	10	12	14	16	16	16
WT	91	93	107	193	385	388	634

