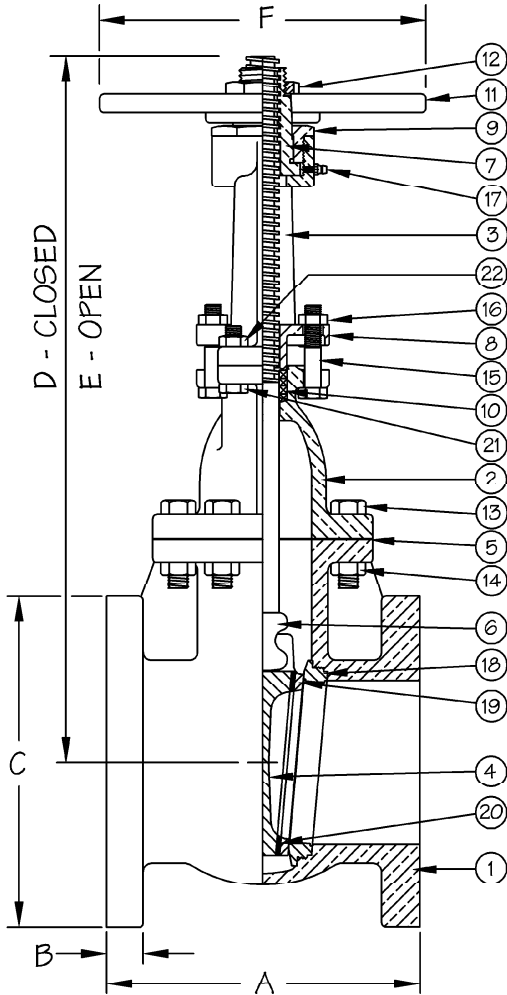


BRONZE GATE

400 PSI, 4-1/2" - 8"
 FLANGED END, B.B., OS&Y
 MIL-V-1189, TYPE I, CLASS III

FIGURE NO. NB402E



DIMENSIONS

SIZE	4-1/2	5	6	8
A	10	10 $\frac{1}{4}$	10 $\frac{3}{4}$	11 $\frac{3}{4}$
B	1	1 $\frac{1}{16}$	1 $\frac{3}{16}$	1 $\frac{5}{16}$
C	9 $\frac{13}{16}$	10 $\frac{3}{8}$	11 $\frac{15}{16}$	14 $\frac{3}{4}$
D	21 $\frac{1}{2}$	21 $\frac{1}{2}$	24 $\frac{1}{4}$	30 $\frac{1}{2}$
E	26 $\frac{15}{16}$	26 $\frac{15}{16}$	30 $\frac{3}{4}$	39 $\frac{1}{16}$
F	12	12	16	21
WT	148	157	200	280

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.



PIMA VALVE, INC.
 2010