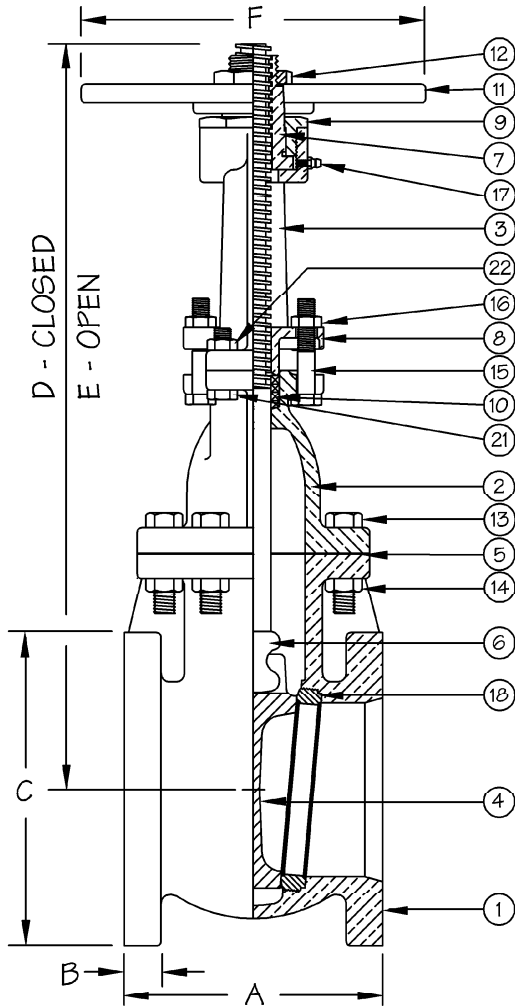


# BRONZE GATE

250 PSI, 5" - 14"  
 FLANGED END, B.B., OS&Y  
 MIL-V-1189, TYPE I, CLASS II  
**FIGURE NO. NB2502E**

NAV-SHIP DWG. 803-2177917



## DIMENSIONS

SIZE	5	5-1/2	6	7	8	9	10	12	14
A	7 $\frac{1}{2}$	7 $\frac{3}{4}$	8	8 $\frac{3}{4}$	9 $\frac{1}{2}$	10 $\frac{1}{2}$	11	12 $\frac{1}{2}$	13 $\frac{3}{4}$
B	1 $\frac{1}{16}$	1 $\frac{1}{8}$	1 $\frac{3}{16}$	1 $\frac{1}{4}$	1 $\frac{5}{16}$	1 $\frac{3}{8}$	1 $\frac{7}{16}$	1 $\frac{1}{2}$	1 $\frac{9}{16}$
C	9 $\frac{1}{16}$	9 $\frac{9}{16}$	10 $\frac{1}{8}$	11 $\frac{5}{16}$	12 $\frac{3}{8}$	13 $\frac{15}{16}$	15	17 $\frac{5}{8}$	19 $\frac{1}{8}$
D	21 $\frac{1}{2}$	24 $\frac{1}{4}$	24 $\frac{1}{4}$	29 $\frac{3}{32}$	30 $\frac{5}{8}$	37 $\frac{1}{8}$	37 $\frac{1}{8}$	43	45 $\frac{3}{4}$
E	26 $\frac{7}{8}$	30 $\frac{5}{8}$	30 $\frac{5}{8}$	36 $\frac{17}{32}$	39 $\frac{1}{16}$	47 $\frac{9}{16}$	47 $\frac{9}{16}$	55 $\frac{7}{16}$	59 $\frac{1}{2}$
F	10	10	10	12	12	16	16	16	18
WT	125	156	170	229	282	446	470	696	815

BILL OF MATERIALS			
PART	MATERIAL	SPEC.	
1	BODY	BRONZE	ASTM B61
2	BONNET	BRONZE	ASTM B61
3	YOKE	BRONZE	ASTM B61
4	WEDGE	NI-CU ALLOY	ASTM A494, GR. M30C
5	BONNET GASKET	COMP. GRAPHITE	STR 508
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	GRAPHITIC YARN/RING	MIL-P-24583/MIL-P-24503
11	HANDWHEEL	ALUMINUM	803-1385620
12	WHEELNUT	BRONZE	ASTM B61
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	NI-CU ALLOY	QQ-N-281, CL. A
16	GLAND NUT	NI-CU ALLOY	QQ-N-281, CL. A or B
17	GREASE FITTING	STEEL	MIL-F-3541, TYPE III
18	SEAT RING	NI-CU ALLOY	ASTM A494, GR. M30H
21	YOKE BOLT	NI-CU ALLOY	QQ-N-281, CL. A
22	YOKE NUT	NI-CU ALLOY	QQ-N-281, CL. A or B

