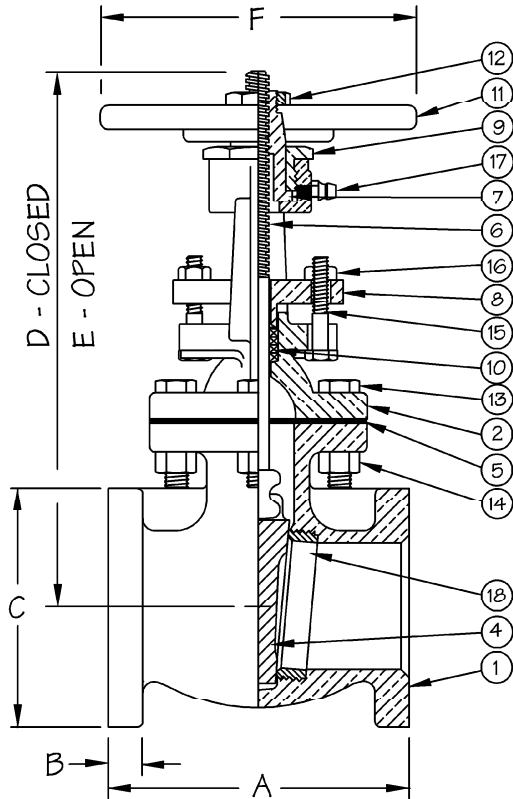


# BRONZE GATE

250 PSI, 2" - 4"  
 FLANGED END, B.B., OS&Y  
 MIL-Y-1189, TYPE I, CLASS II  
**FIGURE NO. NB2502E**

NAV-SHIPS DWG. 803-2177917



## 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	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

## DIMENSIONS

SIZE	2	2-1/2	3	3-1/2	4
A	$5\frac{3}{4}$	6	$6\frac{1}{4}$	$6\frac{1}{2}$	$6\frac{3}{4}$
B	$\frac{13}{16}$	$\frac{15}{16}$	$\frac{15}{16}$	1	1
C	$5\frac{9}{16}$	$6\frac{1}{8}$	$6\frac{5}{8}$	$7\frac{3}{16}$	$7\frac{11}{16}$
D	$11\frac{9}{16}$	$12\frac{7}{8}$	$14\frac{3}{8}$	$15\frac{11}{16}$	18
E	$13\frac{7}{8}$	$15\frac{9}{16}$	$17\frac{5}{8}$	$19\frac{9}{16}$	$22\frac{7}{16}$
F	8	8	8	8	9
WT	37	47	54	68	81

