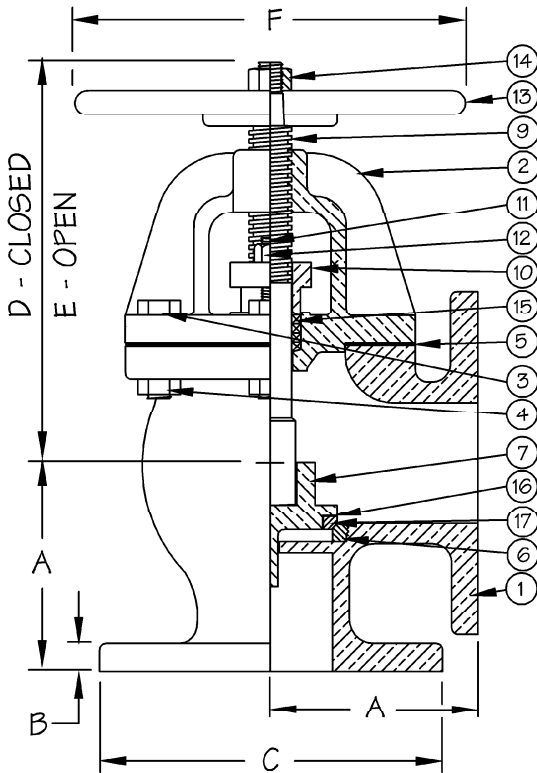


# BRONZE ANGLE

150 PSI, 1" - 14"  
FLANGED END, B.B., MONEL TRIM  
ANGLE STOP CHECK

**FIGURE NO. B1421E**



## BILL OF MATERIALS

PART	MATERIAL	SPEC.
1 BODY	BRONZE	ASTM B61 or B62
2 BONNET	BRONZE	ASTM B61 or B62
3 BONNET BOLT	SILICON BRONZE	ASTM B98
4 BONNET NUT	SILICON BRONZE	ASTM B98
5 BONNET GASKET	SYNTHETIC RUBBER	MIL-PRF-1149, CL. 2
6 SEAT RING	NI-CU ALLOY	ASTM A494, GR. M30H
7 DISC*	BRONZE	ASTM B61 or B62
9 STEM	NI-CU ALLOY	QQ-N-281, CL. A
10 PACKING GLAND	BRONZE	ASTM B61 or B62
11 GLAND STUD	SILICON BRONZE	ASTM B98
12 GLAND NUT	SILICON BRONZE	ASTM B98
13 HANDWHEEL	ALUMINUM	COMMERCIAL
14 WHEELNUT	SILICON BRONZE	ASTM B98
15 STEM PACKING	SYNTHETIC TEFLON	COMMERCIAL
16 SILVER SOLDER	SILVER SOLDER	MIL-S-15395
17 INSERT	NI-CU ALLOY	QQ-N-288, COMP. A
32 SOLID MONEL DISC	NI-CU ALLOY	ASTM A494, GR. M30C
33 DISC ASSEMBLY	PCS 7, 16 & 17	SEE INDIVIDUAL PIECES

\*WHEN FURNISHED AS SOLID MONEL USE PART NO. 32.  
CAN BE FURNISHED AS STOP, FIGURE NO. B142E (PG.73)

## DIMENSIONS

SIZE	1	1-1/4	1-1/2	2	2-1/2	3	3-1/2	4	5	6	8	10	12	14
A	$3\frac{1}{8}$	$3\frac{1}{8}$	$3\frac{1}{8}$	$3\frac{5}{8}$	$4\frac{1}{4}$	$4\frac{5}{8}$	$5\frac{1}{4}$	$5\frac{1}{2}$	$6\frac{1}{4}$	7	$9\frac{3}{4}$	11	$13\frac{3}{4}$	$15\frac{1}{2}$
B	$\frac{3}{8}$	$\frac{13}{32}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{15}{16}$	1	$1\frac{1}{16}$	$1\frac{3}{16}$
C	$4\frac{1}{4}$	$4\frac{5}{8}$	5	6	7	$7\frac{1}{2}$	$8\frac{1}{2}$	9	10	11	$13\frac{1}{2}$	16	19	21
D	$7\frac{9}{16}$	$7\frac{9}{16}$	$7\frac{9}{16}$	$7\frac{11}{16}$	$8\frac{1}{8}$	$7\frac{7}{8}$	$10\frac{1}{8}$	$11\frac{7}{8}$	$12\frac{7}{8}$	15	$22\frac{1}{2}$	$22\frac{5}{16}$	$22\frac{1}{8}$	$24\frac{3}{8}$
E	$7\frac{15}{16}$	$7\frac{15}{16}$	$7\frac{15}{16}$	$8\frac{3}{16}$	$8\frac{7}{8}$	$9\frac{1}{16}$	11	$12\frac{7}{8}$	$14\frac{1}{8}$	$16\frac{1}{2}$	$24\frac{1}{2}$	$24\frac{13}{16}$	$23\frac{3}{8}$	$27\frac{7}{8}$
F	6	6	6	6	8	8	9	9	12	14	14	18	24	24
WT	14	14	16	23	36	47	68	74	117	141	328	504	696	912

