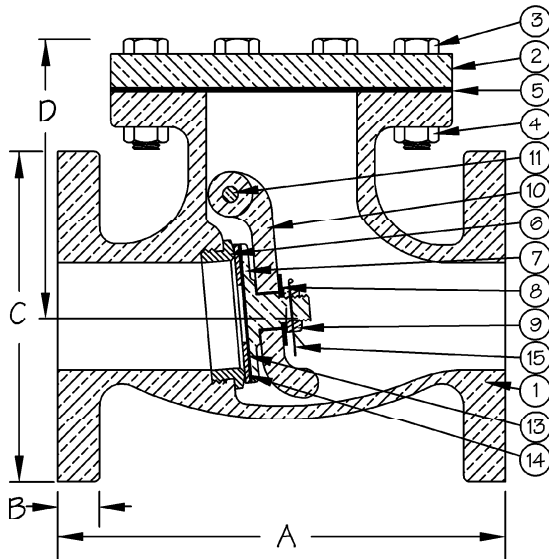


BRONZE CHECK

300 PSI, 1" - 12"
 FLANGED END, B.B., MONEL TRIM
 SWING CHECK

FIGURE NO. B3620E



BILL OF MATERIALS			
PART	MATERIAL	SPEC.	
1	BODY	BRONZE	ASTM B61
2	BONNET	BRONZE	ASTM B61
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
8	WASHER**	BRONZE	ASTM B61
9	DISC NUT***	SILICON BRONZE	ASTM B98
10	HINGE	BRONZE	ASTM B61
11	HINGE PIN	NI-CU ALLOY	QQ-N-281, CL. A
12	HINGE PIN PLUG (N.S.)	F.C. BRASS	ASTM B16
13	SILVER SOLDER	SILVER SOLDER	MIL -S-15395
14	INSERT	NI-CU ALLOY	QQ-N-288
15	COTTER PIN****	NI-CU ALLOY	COMMERCIAL
32	SOLID MONEL DISC	NI-CU ALLOY	ASTM A494, GR. M30C
33	DISC ASSEMBLY	PCS 7, 13 & 14	SEE INDIVIDUAL PIECES

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

**WASHER USED IN 3-1/2" AND ABOVE.

***NI-CU ALLOY DISC NUT USED IN 1" - 3".

****SILICON BRONZE DISC NUT USED IN 3-1/2" - 12".

*****COTTER PIN USED IN 2-1/2" AND ABOVE.

DIMENSIONS

SIZE	1	1-1/4	1-1/2	2	2-1/2	3	3-1/2	4	5	6	8	10	12
A	6 ⁵ / ₁₆	6 ⁷ / ₁₆	6 ¹ / ₂	8 ¹ / ₂	8 ³ / ₄	10 ¹ / ₁₆	11 ¹ / ₁₆	12	13 ³ / ₄	14 ³ / ₄	20 ³ / ₈	25 ³ / ₈	28 ⁷ / ₁₆
B	19/ ₃₂	5/ ₈	11/ ₁₆	3/ ₄	13/ ₁₆	29/ ₃₂	31/ ₃₂	1 ¹ / ₁₆	1 ¹ / ₈	3/ ₁₆	3/ ₈	7/ ₁₆	1 ¹⁷ / ₃₂
C	4 ⁷ / ₈	5 ¹ / ₄	6 ¹ / ₈	6 ¹ / ₂	7 ¹ / ₂	8 ¹ / ₄	9	10	11	12 ¹ / ₂	15	17 ¹ / ₂	20 ¹ / ₂
D	4 ⁷ / ₁₆	4 ⁷ / ₁₆	4 ⁷ / ₁₆	4 ⁹ / ₃₂	5 ⁷ / ₈	6 ³ / ₈	7 ⁷ / ₁₆	7	7 ¹¹ / ₁₆	9 ³ / ₈	11 ⁷ / ₈	13 ³ / ₄	11 ¹¹ / ₁₆
WT	15	16	16	29	45	53	70	91	120	187	324	483	767

