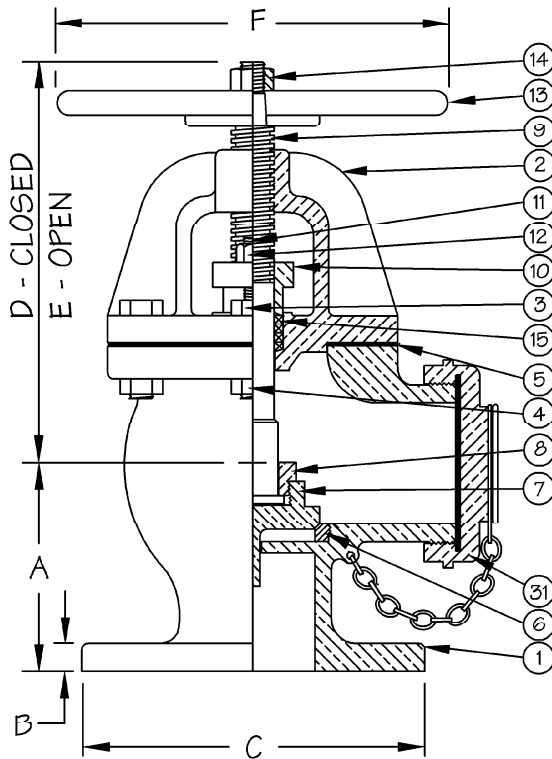


# BRONZE ANGLE

150 PSI, 1-1/2" - 4"  
FLANGED BY HOSE ANGLE, B.B.,  
MONEL TRIM

**FIGURE NO. B147E**



| 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-G-1149, CL. 2   |
| 6                 | SEAT RING        | NI-CU ALLOY      | ASTM A494, GR. M30H |
| 7                 | DISC             | NI-CU ALLOY      | ASTM A494, GR. M30C |
| 8                 | DISC NUT         | F.C. BRASS       | ASTM B16            |
| 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          |
| 31                | HOSE CAP & CHAIN | BRONZE           | ASTM B62            |

## DIMENSIONS

| SIZE | 1-1/2            | 2                | 2-1/2          | 4               |
|------|------------------|------------------|----------------|-----------------|
| A    | $3\frac{1}{8}$   | $3\frac{5}{8}$   | $4\frac{5}{8}$ | $5\frac{1}{2}$  |
| B    | $\frac{7}{16}$   | $\frac{1}{2}$    | $\frac{9}{16}$ | $\frac{11}{16}$ |
| C    | 5                | 6                | 7              | 9               |
| D    | $7\frac{9}{16}$  | $7\frac{11}{16}$ | $8\frac{1}{8}$ | $11\frac{7}{8}$ |
| E    | $7\frac{15}{16}$ | $8\frac{3}{16}$  | $8\frac{7}{8}$ | $12\frac{7}{8}$ |
| F    | 6                | 6                | 8              | 9               |
| WT   | 16               | 23               | 33             | 71              |

