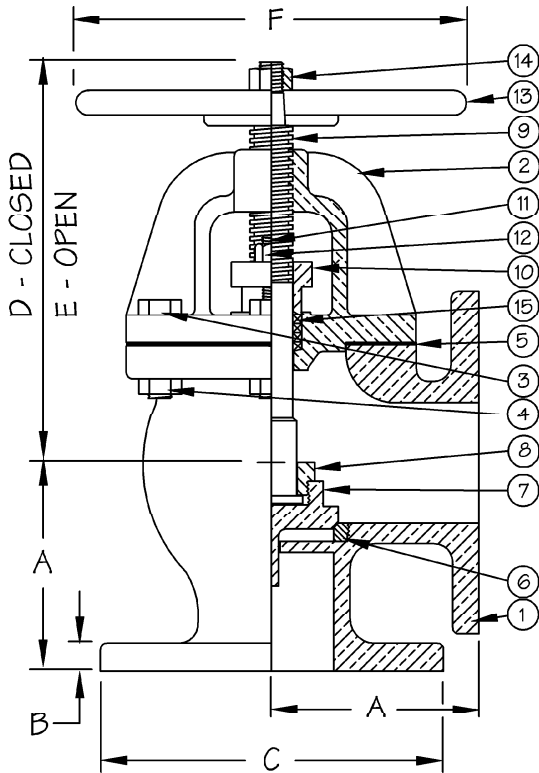


# ALUMINUM BRONZE ANGLE

150 PSI, 1" - 14"  
 FLANGED END, B.B.,  
 ANGLE STOP, MONEL TRIM  
**FIGURE NO. AB142E**



| BILL OF MATERIALS |               |                  |                     |
|-------------------|---------------|------------------|---------------------|
|                   | PART          | MATERIAL         | SPEC.               |
| 1                 | BODY          | ALUMINUM BRONZE  | ASTM B148, 955/958  |
| 2                 | BONNET        | ALUMINUM BRONZE  | ASTM B148, 955/958  |
| 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          | NI-CU ALLOY      | ASTM A494, GR. M30C |
| 8                 | DISC NUT      | NI-CU ALLOY      | QQ-N-281            |
| 9                 | STEM          | NI-CU ALLOY      | QQ-N-281, CL. A     |
| 10                | PACKING GLAND | ALUMINUM BRONZE  | ASTM B148, 955/958  |
| 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          |

CAN BE FURNISHED AS STOP-CHECK, FIGURE NO. AB1421E (PG.159)

## 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                 | $\frac{1}{16}$  | $\frac{3}{16}$  |
| 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               | 21               | 31             | 47              | 56              | 63              | 102             | 123             | 278             | 420               | 592             | 775             |

