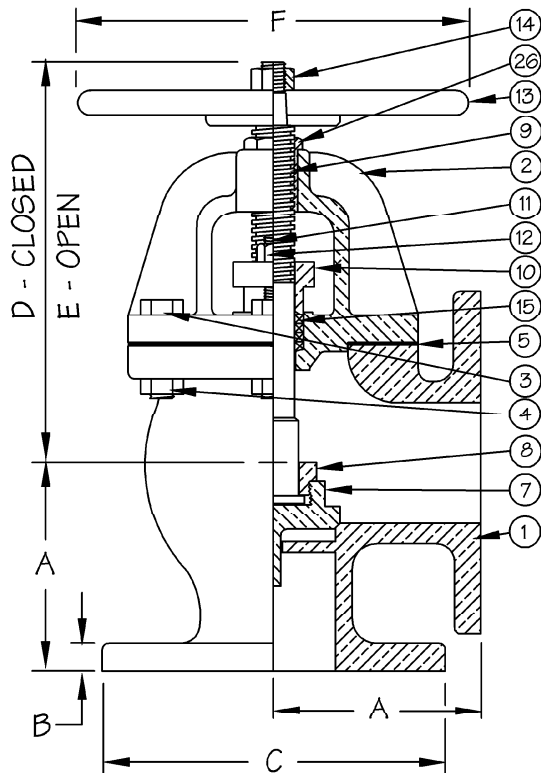


ALUMINUM ANGLE

150 PSI, 1" - 14"
 FLANGED END, B.B.,
 ALUMINUM TRIM, ANGLE STOP
 OR STOP CHECK (N.S.)
FIGURE NO. A142



| BILL OF MATERIALS | | | |
|-------------------|---------------|------------------|---------------------|
| PART | MATERIAL | SPEC. | |
| 1 | BODY | ALUMINUM | ASTM B26, GR. 5G70A |
| 2 | BONNET | ALUMINUM | ASTM B26, GR. 5G70A |
| 3 | BONNET BOLT | STAINLESS STEEL | AISI TY. 303 |
| 4 | BONNET NUT | STAINLESS STEEL | AISI TY. 303 |
| 5 | BONNET GASKET | SYNTHETIC RUBBER | MIL-PRF-1149, CL. 2 |
| 7 | DISC | ALUMINUM | ASTM B26, GR. 5G70A |
| 8 | DISC NUT | STAINLESS STEEL | AISI TY. 316 |
| 9 | STEM | STAINLESS STEEL | AISI TY. 316 |
| 10 | PACKING GLAND | ALUMINUM | ASTM B26, GR. 5G70A |
| 11 | GLAND STUD | STAINLESS STEEL | AISI TY. 303 |
| 12 | GLAND NUT | STAINLESS STEEL | AISI TY. 303 |
| 13 | HANDWHEEL | ALUMINUM | ASTM B26, GR. 5G70A |
| 14 | WHEELNUT | STAINLESS STEEL | AISI TY. 303 |
| 15 | STEM PACKING | SYNTHETIC TEFLON | COMMERCIAL |
| 26 | YOKE BUSHING | F. C. BRASS | ASTM B16 |

CAN BE FURNISHED AS STOP-CHECK, FIGURE NO. A1421.

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 | $\frac{3}{8}$ | $\frac{13}{32}$ | $\frac{7}{16}$ | 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 | $7\frac{9}{16}$ | $7\frac{9}{16}$ | $7\frac{9}{16}$ | $7\frac{11}{16}$ | $8\frac{1}{8}$ | $7\frac{7}{8}$ | 11 | $11\frac{7}{8}$ | $12\frac{7}{8}$ | 15 | $22\frac{1}{2}$ | $22\frac{5}{16}$ | $22\frac{1}{8}$ | $24\frac{3}{8}$ |
| E | $7\frac{15}{16}$ | $7\frac{15}{16}$ | $7\frac{15}{16}$ | $8\frac{3}{16}$ | $8\frac{7}{8}$ | $9\frac{1}{16}$ | $11\frac{7}{8}$ | $12\frac{7}{8}$ | $14\frac{1}{8}$ | $16\frac{1}{2}$ | $24\frac{1}{2}$ | $24\frac{13}{16}$ | $23\frac{3}{8}$ | $27\frac{7}{8}$ |
| F | 6 | 6 | 6 | 6 | 8 | 8 | 9 | 9 | 12 | 14 | 14 | 18 | 24 | 24 |
| WT | 10 | 10 | 10 | 12 | 14 | 18 | 25 | 29 | 43 | 48 | 110 | 168 | 232 | 304 |

