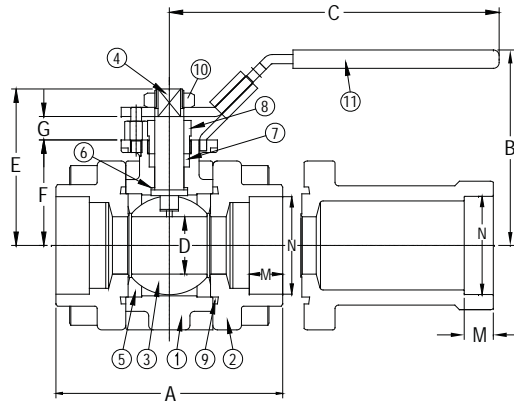
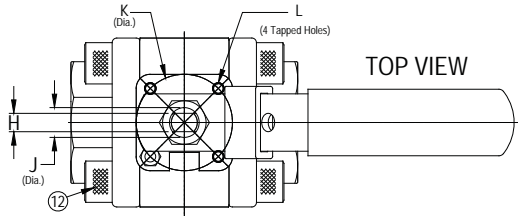


DRAWING NO.
AL 105900



PARTS LIST

| ITEM | DESCRIPTION | MATERIAL |
|------|----------------|--------------------------------------|
| 1 | Body | Carbon Steel (ASTM A 216 Gr. WCB) |
| 2 | Tailpiece (2) | Carbon Steel (ASTM A 216 Gr. WCB) |
| 3 | Ball | Stainless Steel (ASTM A 276 Gr. 316) |
| 4 | Stem | Stainless Steel (ASTM A 276 Gr. 316) |
| 5 | Seat (2)† | R-PTFE |
| 6 | Thrust Washer | R-PTFE |
| 7 | Stem Packing | Graphite |
| 8 | Body Seal (2) | Graphite |
| 9 | Packing Gland | Stainless Steel (ASTM A 276 Gr. 316) |
| 10 | Lock Nut | Stainless Steel (304SS) |
| 11 | Handle | Stainless Steel (300 Series SS) |
| 12 | Body Bolts (8) | Alloy Steel (ASTM A 193, B7) |

†Optional PEEK Seats for High Temp Service are available.

| SIZE (in) | | DIMENSIONS (in) | | | | | | | | | | | | | | | | | | ISO Pattern | WEIGHT (lbs) |
|--------------|-----------|-----------------|-----------|-----------------|-----------|-----|------|------|------|------|------|-------|------|------|--------------|--------------|-----------|-------|-----|-------------|--------------|
| Reduced Port | Full Port | A (Socket Weld) | | A (Extended SW) | | B | C | D | E | F | G | H | J | K | L | M | | N | | | |
| | | Reduced Port | Full Port | Reduced Port | Full Port | | | | | | | | | | | Reduced Port | Full Port | | | | |
| 1/2 | 1/4, 3/8 | 2.7 | 2.7 | 6.0 | N/A | 2.5 | 4.3 | 0.43 | 1.71 | 1.08 | 0.31 | 0.197 | 0.31 | 1.42 | 1/4"-20 UNC | 0.38 | N/A | 0.855 | F03 | 1.7 | |
| 3/4 | 1/2 | 3.0 | 2.8 | 7.0 | 7.0 | 2.6 | 4.3 | 0.57 | 1.83 | 1.24 | 0.31 | 0.197 | 0.31 | 1.42 | 1/4"-20 UNC | 0.50 | 0.38 | 1.065 | F03 | 2.2 | |
| 1 | 3/4 | 3.5 | 3.2 | 7.5 | 7.5 | 3.0 | 5.7 | 0.81 | 2.34 | 1.50 | 0.37 | 0.276 | 0.44 | 1.65 | 1/4"-20 UNC | 0.50 | 0.50 | 1.330 | F04 | 3.8 | |
| 1-1/4 | 1 | 3.9 | 3.8 | 8.0 | 8.0 | 3.4 | 5.8 | 1.00 | 2.69 | 1.81 | 0.40 | 0.315 | 0.50 | 1.65 | 1/4"-20 UNC | 0.50 | 0.50 | 1.675 | F04 | 5.1 | |
| 1-1/2 | 1-1/4 | 4.5 | 4.3 | 8.0 | 8.0 | 3.7 | 7.5 | 1.25 | 2.91 | 1.95 | 0.43 | 0.394 | 0.62 | 1.97 | 1/4"-20 UNC | 0.50 | 0.50 | 1.915 | F05 | 7.1 | |
| 2 | 1-1/2 | 5.0 | 4.8 | 9.0 | 9.0 | 3.9 | 7.5 | 1.50 | 3.15 | 2.26 | 0.35 | 0.394 | 0.62 | 1.97 | 1/4"-20 UNC | 0.62 | 0.50 | 2.406 | F05 | 9.8 | |
| 2-1/2 | 2 | 6.9 | 5.7 | N/A | 10.0 | 5.3 | 11.7 | 2.00 | 4.37 | 3.11 | 0.49 | 0.472 | 0.75 | 2.76 | 5/16"-18 UNC | N/A | 0.62 | 2.906 | F07 | 20.8 | |

BODY PRESSURE & TEMPERATURE RATINGS - NON SHOCK

| MEDIA | ¼" to 2½" |
|-----------------------|------------------|
| W.O.G. | 1973 PSI @ 100°F |
| Saturated Steam (WSP) | 250 PSI @ 406°F |



3400 CLEVELAND SKOKIE ILLINOIS

DRAWING NO.
AL 105900

DIMENSIONAL ASSEMBLY

PART NO.

Style BVM3 Socket Weld Ends

SCALE: NTS

3-Piece Maintenance Design Ball Valve

DATE: 02/12/2016

MAT'L: (As Noted Above)

REQ. ---

DR. BY DSF