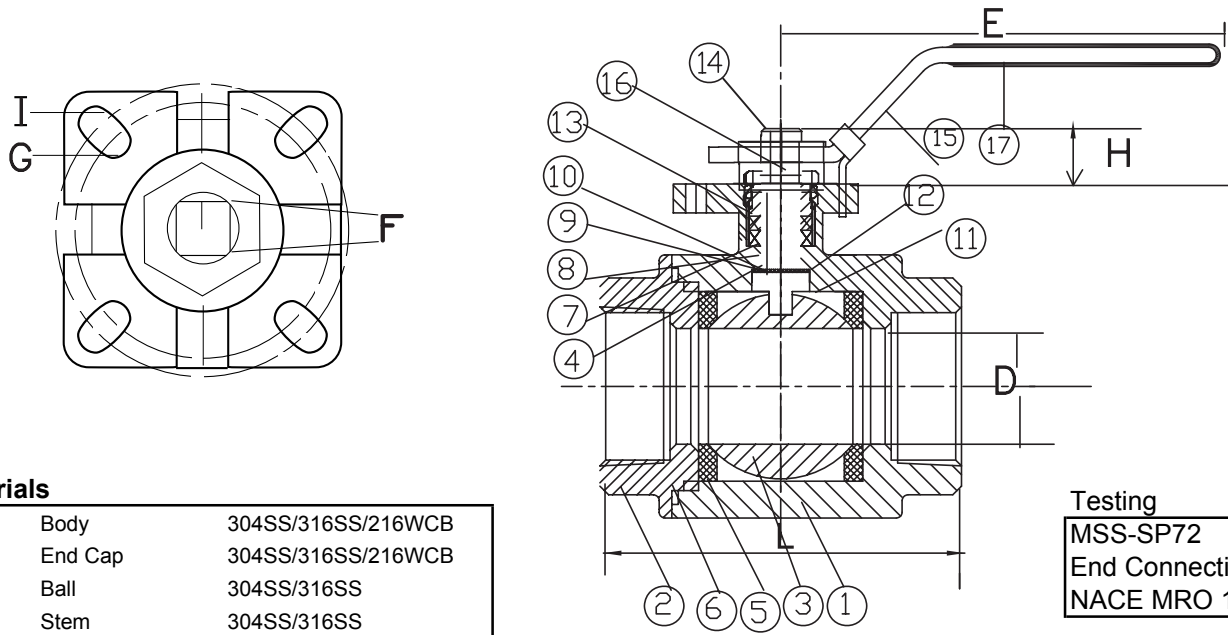


Dimensions - ISO Mounting

| Size | 1/4" | 3/8" | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" | 2 1/2" | 3" | 4" |
|------|------|------|------|------|------|--------|--------|------|--------|-------|-------|
| L | 2.36 | 2.36 | 2.36 | 2.68 | 3.19 | 3.78 | 4.06 | 4.77 | 6.26 | 7.36 | 8.78 |
| F | 9mm | 9mm | 9mm | 9mm | 11mm | 11mm | 14mm | 14mm | 17mm | 17mm | 17mm |
| D | .46 | .50 | .59 | .79 | .98 | 1.26 | 1.50 | 1.97 | 2.56 | 3.15 | 3.94 |
| H | .35 | .35 | .35 | .35 | .47 | .55 | .55 | .55 | .67 | .67 | .67 |
| E | 5.47 | 5.47 | 5.47 | 6.5 | 6.5 | .65 | 8.46 | 8.46 | 10.12 | 10.12 | 12.06 |
| G | F03 | F03 | F03 | F03 | F04 | F04 | F05 | F05 | F07 | F07 | F07 |
| I | - | - | F04 | F04 | F05 | F05 | F07 | F07 | F10 | F10 | F10 |



Materials

| | | |
|----|-------------------|--------------------|
| 1 | Body | 304SS/316SS/216WCB |
| 2 | End Cap | 304SS/316SS/216WCB |
| 3 | Ball | 304SS/316SS |
| 4 | Stem | 304SS/316SS |
| 5 | Ball Seat | RTFE/PTFE |
| 6 | Gasket | RTFE/PTFE |
| 7 | Stem Packing | RTFE/PTFE |
| 8 | Thrust Washer | RTFE/PTFE |
| 9 | Stem Packing | 304SS |
| 10 | Belleville Washer | 304SS |
| 11 | Thrust Washer | RTFE/PTFE |
| 12 | O-ring | Viton |
| 13 | Locking Washer | 304SS |
| 14 | Stem Nut | 304SS |
| 15 | Handle | 304SS |
| 16 | Handle Nut | 304SS |
| 17 | Handle Cover | Vinyl |

Testing

| |
|----------------|
| MSS-SP72 |
| End Connection |
| NACE MRO 175 |

Torque in/lbs

| Size | 1000lb |
|--------|--------|
| 1/4" | 27 |
| 3/8" | 36 |
| 1/2" | 54 |
| 3/4" | 80 |
| 1" | 124 |
| 1 1/4" | 195 |
| 1 1/2" | 284 |
| 2" | 355 |
| 2 1/2" | 532 |
| 3" | 797 |
| 4" | 1151 |

| Size | Weights | Cv |
|--------|---------|------|
| 1/4" | 0.46 | 10 |
| 3/8" | 0.46 | 18 |
| 1/2" | 1.08 | 24 |
| 3/4" | 1.65 | 55 |
| 1" | 2.42 | 100 |
| 1 1/4" | 3.63 | 160 |
| 1 1/2" | 4.95 | 260 |
| 2" | 7.59 | 450 |
| 2 1/2" | 14.19 | 720 |
| 3" | 21.67 | 1100 |
| 4" | 41.69 | 2200 |

| VALVE SIZE | | DIMENSIONAL DATA SHEET | PART NO. | | |
|------------------------|--|-------------------------------|---------------------|-------------|--|
| PRESSURE RATING | | | BALL VALVE | DRAWING NO. | |
| CUSTOMER/PROJECT | | | | FL61DM-002 | |
| INQ/PO NO. | | | SERIES 61 DM | REV | |
| ORDER NO. | | | | A | |
| CERTIFIED BY DATE | | SIZES 1/4" - 4" | DATE | | |
| | | | 7/09 | | |