

Building connections that last™



Sharpe® Series 50M

Two-Piece Ball Valve Datasheet



Two-Piece Ball Valve Sharpe® Series 50M



Design Features

- Full port
- 1000 CWP
- 316 Stainless Steel ASTM A351 CF8M
- Threaded Ends Connections
- Blow-out proof stem
- Lockable Lever Handle

Applicable Standards

- Threaded Ends ASME B16.11
- Shell and Seat Pressure Test ASME B16.34

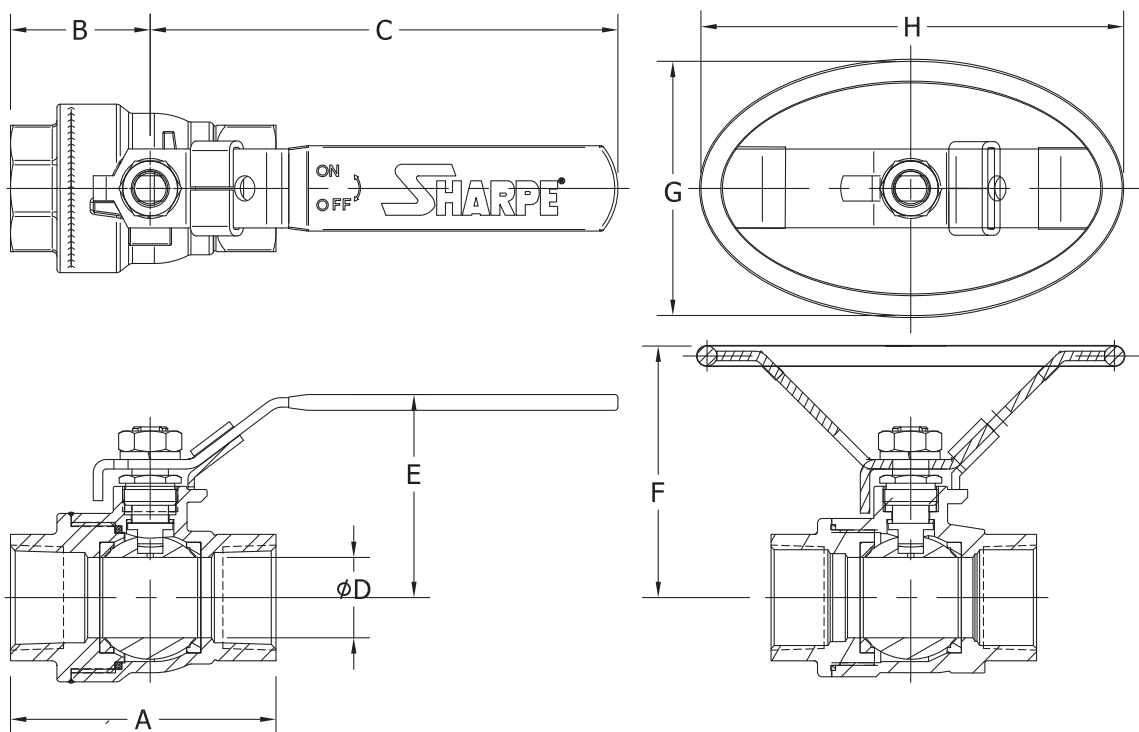
Options

- Lockable Oval Handle
- Stem Extension, 2-1/2", Non-Locking



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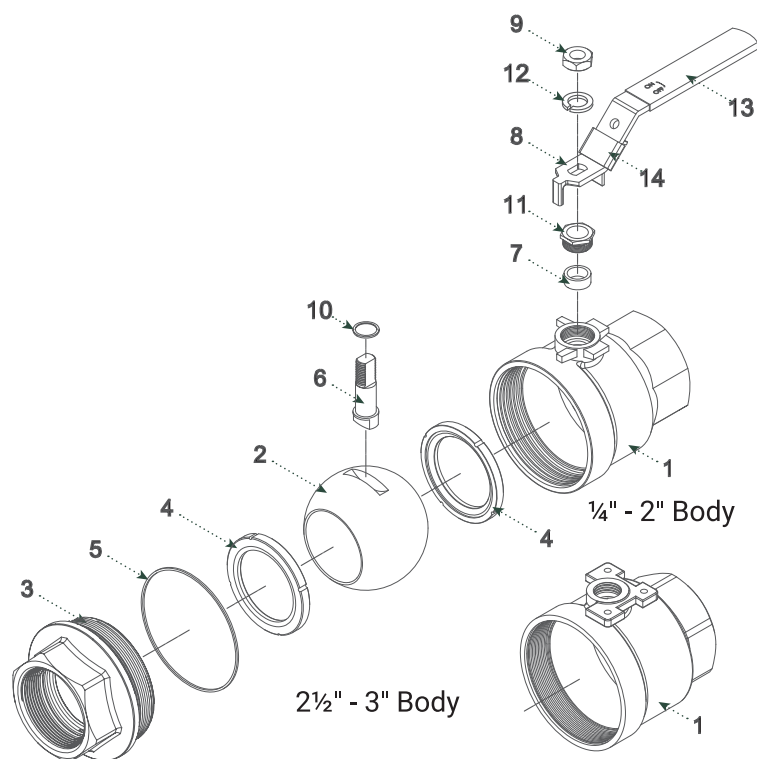


Dimensions (Inches)

| Size | A | B | C | D | E | F | G | H |
|-------|------|------|------|------|------|------|------|------|
| 1/4 | 2.00 | 1.02 | 4.00 | 0.50 | 1.81 | 2.24 | 2.16 | 3.39 |
| 3/8 | 2.00 | 1.02 | 4.00 | 0.50 | 1.81 | 2.24 | 2.16 | 3.39 |
| 1/2 | 2.36 | 1.17 | 4.00 | 0.59 | 1.89 | 2.26 | 2.16 | 3.39 |
| 3/4 | 2.75 | 1.48 | 5.00 | 0.80 | 2.04 | 2.90 | 2.76 | 4.33 |
| 1 | 3.25 | 1.74 | 5.75 | 1.00 | 2.44 | 3.20 | 3.18 | 5.26 |
| 1-1/4 | 3.80 | 1.91 | 5.75 | 1.25 | 2.56 | 3.40 | 3.18 | 5.26 |
| 1-1/2 | 4.33 | 2.17 | 7.50 | 1.50 | 2.96 | 4.20 | 4.13 | 6.47 |
| 2 | 5.27 | 2.64 | 7.50 | 2.00 | 3.25 | 4.51 | 4.13 | 6.47 |
| 2-1/2 | 6.58 | 3.28 | 9.73 | 2.56 | 5.00 | - | - | - |
| 3 | 7.55 | 3.78 | 9.73 | 3.00 | 5.40 | - | - | - |

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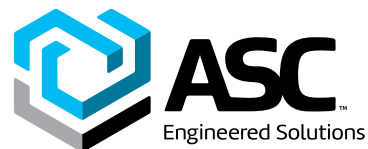
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Parts & Materials

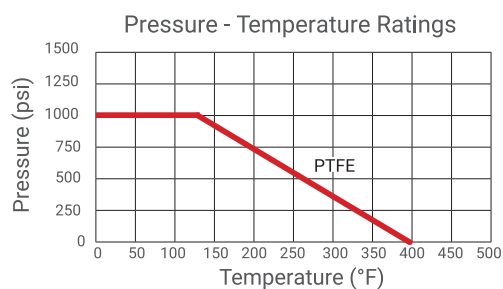
| No. | Part Name | Material | Qty. |
|-----|----------------|------------------------------------|-------|
| 1 | Body | 316 Stainless Steel ASTM A351 CF8M | 1 |
| 2 | Ball | 316 Stainless Steel | 1 |
| 3 | End Piece | 316 Stainless Steel ASTM A351 CF8M | 1 |
| 4 | Seat | PTFE | 2 |
| 5 | Body Seal | PTFE | 1 |
| 6 | Stem | 316 Stainless Steel | 1 |
| 7 | Stem Packing | PTFE | 1 Set |
| 8 | Handle | 300 Series Stainless Steel | 1 |
| 9 | Handle Nut | 300 Series Stainless Steel | 1 |
| 10 | Thrust Bearing | PTFE | 1 |
| 11 | Packing Nut | 300 Series Stainless Steel | 1 |
| 12 | Lock Washer | 300 Series Stainless Steel | 1 |
| 13 | Handle Sleeve | PVC | 1 |
| 14 | Locking Device | 300 Series Stainless Steel | 1 |

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Technical Information

| Size | C _v | Weight (lbs.) |
|-------|----------------|---------------|
| 1/4 | 6 | 0.6 |
| 3/8 | 6 | 0.6 |
| 1/2 | 24 | 0.6 |
| 3/4 | 35 | 1.1 |
| 1 | 47 | 1.8 |
| 1-1/4 | 81 | 3.0 |
| 1-1/2 | 105 | 4.2 |
| 2 | 241 | 8.0 |
| 2-1/2 | 319 | 14.0 |
| 3 | 580 | 22.8 |



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How to order Series 50M

Example

1/4

Size

+

50M76

Series

=

1/4" - 50M76

| Size | Series | Options |
|-------|--------|--|
| 1/4 | 50M76 | OH Oval Hande |
| 3/8 | | NLS Non-Locking Stem Extension, 2-1/2" |
| 1/2 | | |
| 3/4 | | |
| 1 | | |
| 1-1/4 | | |
| 1-1/2 | | |
| 2 | | |
| 2-1/2 | | |
| 3 | | |

Note:
Due to continuous development of our product range, we reserve the right to change the dimensions and information for this product as required.

About ASC Engineered Solutions

ASC Engineered Solutions is defined by quality—in its products, services and support. With more than 1,400 employees, the company's portfolio of precision-engineered piping support, valves and connections provides products to more than 4,000 customers across industries, such as mechanical, industrial, fire protection, oil and gas, and commercial and residential construction. Its portfolio of leading brands includes ABZ Valve®, AFCON®, Anvil®, Anvil EPS, Anvil Services, Basic-PSA, Beck®, Catawissa, Cooplet®, FlexHead®, FPPI®, Gruvlok®, J.B. Smith, Merit®, North Alabama Pipe, Quadrant®, SCI®, Sharpe®, SlideLOK®, SPF® and SprinkFLEX®. With headquarters in Commerce, CA, and Exeter, NH, ASC also has ISO 9001:2015 certified production facilities in PA, TN, IL, TX, AL, LA, KS, and RI.



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