



## Brass 1-Piece 40 Series Ball Valve, 6.4 Cv, 3/4 in. Swagelok Tube Fitting

Efficient on-off control is provided by the 40 series ball valve in a two-way straight configuration, which is designed with a one-piece construction.

**Part #: B-45S12**

### Specifications

|                                         |                                         |
|-----------------------------------------|-----------------------------------------|
| <b>Ball/Stem Material</b>               | Brass                                   |
| <b>Body Material</b>                    | Brass                                   |
| <b>Cleaning Process</b>                 | Standard Cleaning and Packaging (SC-10) |
| <b>Connection 1 Size</b>                | 3/4 in.                                 |
| <b>Connection 1 Type</b>                | Swagelok® Tube Fitting                  |
| <b>Connection 2 Size</b>                | 3/4 in.                                 |
| <b>Connection 2 Type</b>                | Swagelok® Tube Fitting                  |
| <b>CV Maximum</b>                       | 6.4                                     |
| <b>Flow Path</b>                        | Standard                                |
| <b>Flow Pattern</b>                     | 2-Way, Shutoff, Straight                |
| <b>Handle Color</b>                     | Black                                   |
| <b>Handle Style</b>                     | Lever                                   |
| <b>Low Emissions Certified</b>          | Yes                                     |
| <b>Orifice</b>                          | 0.406 in /10.3 mm                       |
| <b>Packing Material</b>                 | PTFE                                    |
| <b>Ring/Disc Material</b>               | PTFE-Coated Brass                       |
| <b>Room Temperature Pressure Rating</b> | 1800 PSIG @ 100°F /124 BAR @ 37°C       |
| <b>Service Class</b>                    | General                                 |
| <b>Testing</b>                          | Testing according to WS-22              |
| <b>eClass (4.1)</b>                     | 37010401                                |
| <b>eClass (5.1.4)</b>                   | 37010401                                |
| <b>eClass (6.0)</b>                     | 37010401                                |
| <b>eClass (6.1)</b>                     | 37010401                                |
| <b>eClass (10.1)</b>                    | 37010401                                |
| <b>UNSPSC (4.03)</b>                    | 40141607                                |
| <b>UNSPSC (10.0)</b>                    | 40141607                                |
| <b>UNSPSC (11.0501)</b>                 | 40141607                                |
| <b>UNSPSC (13.0601)</b>                 | 40141607                                |
| <b>UNSPSC (15.1)</b>                    | 40141607                                |
| <b>UNSPSC (17.1001)</b>                 | 40183103                                |

### Contact

If you have questions about this product, please contact your local authorized sales and service center. They can also tell you about supporting services to help you get the most out of your investment.

*The complete catalog contents must be reviewed to ensure that the system designer and user make a safe product selection. When selecting products, the total system design must be considered to ensure safe, trouble-free performance. Function, material compatibility, adequate ratings, proper installation, operation, and maintenance are the responsibilities of the system designer and user.*

*Do not mix/interchange Swagelok products or components not governed by industrial design standards, including Swagelok tube fitting end connections, with those of other manufacturers.*

### 2-Way Straight Pattern

The 40 series valves and the 40G series valves offer multiple actuator, flow path, and handle options. These valves allow for packing adjustments while remaining inline.



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