



Vertically Integrated, Made in the USA  
www.specialtymfg.com

## THE SPECIALTY MFG. CO.

5858 Centerville Road  
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SMC will quote alternate materials or customize our standard products when quantities ensure competitive pricing.

**Contact Customer Service** at (651) 653-0599

**FAX** - (651) 653-0989

**E-Mail** - info@specialtymfg.com

### 027 SERIES TWO-WAY BALL VALVE (Two Piece Body and End) 1/8" to 1/4" NPT, 1/4" to 3/8" BARB, 1/4" COMPRESSION, 1/4" to 3/8" FLARE



#### Design Considerations

- The 027 Ball Valves are rated to 500 psi and will support flow and pressure in either direction
- A two piece body and end construction with Zinc Die Cast Lever Handle is standard
- Handles can be ordered Reversed - to lie over the outlet when the valve is in the open position
- UL configurations rated to 250 psi are available - contact Customer Service
- UR configurations rated to 500 psi are available - contact Customer Service

#### **Example of how to order**

<u>Type</u>	<u>Inlet End</u>	<u>Outlet End</u>	<u>Seal</u>	<u>Handle</u>	<u>Plating</u>
Brass Two-Way	1/4 Compression	1/4 Barb	Buna	Zinc Die Cast Handle, Red Sleeve	No Plating

**Part Numbers** are a description of the valve as read left to right, Inlet to Outlet.

**027-4C4B-BT,RED SLV** = Brass Two-Way Ball Valve, 1/4 Compression Inlet x 1/4 Male NPT Outlet, Buna Seals, Zinc Die Cast Handle, Red Sleeve, No Plating

#### Specifications

<b>Material</b>	BODY and ENDS - Brass, BALL - Electroless Nickel Plated Brass, SEATS - Teflon®, HANDLE SCREW - Stainless
<b>Type</b>	TWO-WAY - Supports Flow and Pressure in either direction
<b>End Option</b>	1/8 Female NPT, 1/4 Female NPT 1/8 Male NPT, 1/4 Male NPT 1/4 Barb, 5/16 Barb, 3/8 Barb 1/4 Male Flare, 3/8 Male Flare 1/4 Compression 1/4 Female Flare 11/16-16 Male Nozzle
<b>Body Option</b>	1/4 Male NPT 1/4 Barb, 3/8 Barb 1/4 Compression, 3/8 Compression 1/4 Male Flare, 3/8 Male Flare
<b>Seal Option</b>	Buna-N, Ethylene Propylene, Fluoroelastomer (Viton®), Neoprene, AFLAS®, Perfluoroelastomer
<b>Plating Option</b>	No Plating, Electroless Nickel Plating
	Zinc Die Cast Lever Handle Zinc Die Cast Lever Handle (No Stops) Zinc Die Cast Lever Handle, Reversed Zinc Die Cast Lever Handle with Red Vinyl Sleeve Zinc Die Cast Lever Handle with Red Vinyl Sleeve, Reversed

<b>Handle Option</b>	Steel Lever Handle Steel Lever Handle, Reversed Steel Lever Handle with Red Vinyl Sleeve Steel Lever Handle with Red Vinyl Sleeve, Reversed Round Zinc Die Cast Handle Black Nylon T-Handle Blue Nylon Plastic Handle Screw Slot Headed Ball Zinc Die Cast Stem - .312 X 1"
<b>Ball Through Hole Diameter</b>	0.218 in
<b>Cv</b>	1.4 with 1/4 Female NPT Ends
<b>Ball Flow Pattern Option</b>	0.218 Through Hole 0.062 Through Hole 0.040 Cross Hole 0.087 Cross Hole Exhaust Body & Ball
<b>Maximum Operating Pressure</b>	500 psi
<b>Maximum Operating Temperature</b>	180 °F
<b>Compatibility Statement</b>	It is the sole responsibility of the system designer and user to select products suitable for their specific application requirements and to ensure proper installation, operation, and maintenance of these products. Material compatibility, product ratings and application details should be considered in the selection. Improper selection or use of products described herein can cause personal injury or product damage.
<b>Pricing and Minimum Order Requirement</b>	Our Minimum Order Requirements are \$100.00 Domestic - \$250.00 International. Pricing is based on the quantity ordered. <b>Please indicate a typical order quantity or Estimated Annual Usage when requesting pricing.</b>