

## 027 SERIES BALL VALVE

### 027 Two-Way Ball Valve Design Considerations One-Piece Body Style

The 027 Series Two-Way Ball Valve compact design promotes multiple configurations to fit the exact end use application. The 027 Ball Valve Series is rated to 500 psi and will support flow and pressure in either direction. The 027 Series has a one-piece body construction to cover 1/4" NPT end configuration applications. The 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 are available and rated to 250 psi. UR configurations are available and rated to 500 psi.

<b>Example:</b>	<u>Inlet End</u>	<u>Outlet End</u>	<u>Seal</u>	<u>Handle</u>	<u>Plating</u>
	1/4 FNPT	1/4 MNPT	Buna-N	Steel	ENP
<b>SMC Part Number:</b> 027-4F4M-B,SH,ENP					

The handle will lie over the Inlet port when the valve is in the open position.  
SMC Part Numbers are a description of the valve as read left to right, Inlet to Outlet.  
**Example:** 027-4F4M-B,SH, ENP = 1/4 FNPT Inlet x 1/4 MNPT Outlet



Maximum Operating Pressure - 500 psi  
Maximum Operating Temperature - 180 Degrees F Ball  
Through Hole Diameter - .218

### 027 Series Options

**Material Options** Brass Body, Nickel Plated Brass Ball, Teflon® Seats, Stainless Handle Screw

**Seal Options** Buna-N, Ethylene Propylene, Fluoroelastomer (Viton®), Neoprene

**Body Options**  
1/4 Female x 1/4 Female NPT  
1/4 Female x 1/4 Male NPT  
1/4 Female x 1/8 Female NPT  
1/4 Female x 1/8 Male NPT

**Handle Options** Zinc Die Cast Lever (Standard), Zinc Die Cast Lever with Red Vinyl Sleeve, Steel Lever, Steel Lever with Red Vinyl Sleeve, Round Zinc Die Cast Handle, Black Nylon T-Handle, Blue Nylon Knob, .312 x 1" Zinc Die Cast Stem, Screw Slot Headed Ball

**Plating Options** No Plating (Standard), Electroless Nickel, Black Zinc

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