



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

THE SPECIALTY MFG. CO.

5858 Centerville Road
St. Paul, MN 55127

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

637 SERIES TWO-WAY BALL VALVE

1/8" to 1/2" NPT, 1/8" to 1/2" BARB, TAPERED BARB, 1/4" to 3/8" JACO, 1/4" to 1/2" PUSH-TO-CONNECT



Design Considerations

- The 637 Two-Way Ball Valves feature Black Glass Filled Polypropylene as the standard material
- Designed as a panel mount, two of the four available screw boss locations will secure the valve
- Handles can be orientated in four positions and can be installed or removed while the valve is under pressure
- Panel mount screws are not supplied

Example of how to order

<u>Type</u>	<u>Inlet Port</u>	<u>Outlet Port</u>	<u>Seal</u>	<u>Handle</u>
Black Polypropylene, Two-Way	1/2 Female NPT	1/2 Female NPT	Buna	Black ABS

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

FP 637-8F8F-B,RED HDL = Black Glass Filled Polypropylene Two-Way Panel Mount Ball Valve, 1/2 Female NPT Inlet x 1/2 Female NPT Outlet, Buna Seals, Black ABS Handle

Specifications

Material	Gray PVC, White PVC Black Glass Filled Polypropylene, White Glass Filled Polypropylene Black Glass Filled Nylon
Type	TWO-WAY - Supports Flow and Pressure in either direction
Inlet End	1/4 Male NPT, 1/4 Female NPT 3/8 Male NPT, 3/8 Female NPT 1/2 Male NPT, 1/2 Female NPT 1/8 Barb, 1/4 Barb, 3/8 Barb, 1/2 Barb 1/4 Push-to-Connect, 3/8 Push-to-Connect, 1/2 Push-to-Connect 1/4 JACO, 3/8 JACO 3/8 to 5/8 Tapered Barb 1/8 Male NPT 3/8 BIB (Smooth Barb)
Outlet End	1/4 Male NPT, 1/4 Female NPT 3/8 Male NPT, 3/8 Female NPT 1/2 Male NPT, 1/2 Female NPT 1/8 Barb, 1/4 Barb, 3/8 Barb, 1/2 Barb 1/4 Push-to-Connect, 3/8 Push-to-Connect, 1/2 Push-to-Connect 1/4 JACO, 3/8 JACO 3/8 to 5/8 Tapered Barb 1/8 Male NPT 3/8 BIB (Smooth Barb)

Seal Option	Buna-N, Ethylene Propylene, Fluoroelastomer (Viton®)
Handle Option	Blue ABS Red ABS Black ABS White ABS No Handle
Female NPT Support Ring Option	NO Support Rings 1/2 Female NPT Ends with 304 Stainless Support Ring
Maximum Panel Thickness	0.170 in
Ball Through Hole Diameter	0.375 in
Cv	9.3 with 1/2 Female NPT Ends
Maximum Operating Pressure	125 psi
Maximum Operating Temperature	140 °F
Compatibility Statement	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.
Pricing and Minimum Order Requirement	Our Minimum Order Requirements are \$100.00 Domestic - \$250.00 International. Pricing is based on the quantity ordered. Please indicate a typical order quantity or Estimated Annual Usage when requesting pricing.