

PMBV Series – Diverter Ball Valves

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The **PMBV series** three-way ball valves are designed as diverter (selecting) valves. These valves have a 90-degree handle rotation. Rotating the handle directs the flow to the alternate open port, shutting off the previously open port completely. This valve uses a lever handle and can be orientated in four positions. It can also be installed or removed while the valve is under pressure. There are four screw boss locations available for panel mounting the valve body. Panel mounting requires a 0.75 inch hole and a maximum panel thickness of 0.17 inches.



PMBV Series – Diverter Ball Valve Specifications

Maximum operating pressure

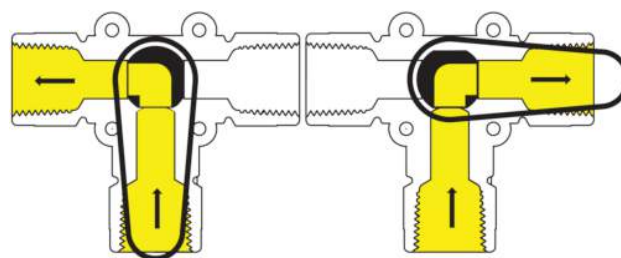
125psi (8.62bar)

Maximum operating temperature

140° F (60° C)

Ball through hole diameter

0.375 inches (9.5mm)



TOP VIEW

Left image

The left port and the bottom or common port are connected while the right port is shut off completely.

Right image

With the handle rotated 90 degrees, the bottom port and right port are connected while the left port is off.

PMBV Series – Diverter Ball Valve Options

Materials

Body and Ends – White Polypropylene, Black Polypropylene or Gray PVC

Seal Options

Buna-N, EPDM (ethylene propylene) or Viton® (fluoroelastomer)

End Connection Options

1/4", 3/8" or 1/2" Hose Barb
1/4", 3/8" or 1/2" Female NPT
1/8", 1/4" and 3/8" Male NPT
1/4", 3/8" and 1/2" Push-In

Handle

Black, Blue, Red or White ABS Plastic

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.



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