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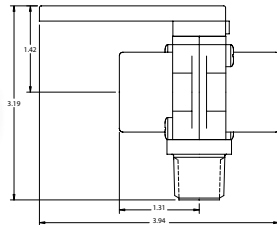
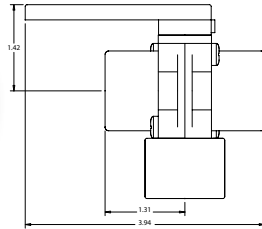
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351 SERIES BALL VALVE

Design Considerations



The 351 Series Three-Way Ball Valve design promotes multiple configurations to fit the exact end use application. The bottom port is common and the 351 Series can be used as a diverter, selecting, or mixing valve. The handle has 90 degree rotation and lies at 45 degrees towards the open port, while the other side port is shut off completely. When the handle is rotated 45 degrees from either port, there is partial flow to both ports. There is no point in the handle rotation where flow is shut off to both ports at the same time. Gray PVC is the standard material and is an NSF Standard 61 Approved Material. Filled Polypropylene is available for chemical resistance applications. The Lever Handle is standard with an optional Mini-T Handle or Round Handle available.

- Maximum Operating Pressure — 125 psi
- Maximum Operating Temperature — 140°F
- Ball Through Hole Diameter — .437

Options

Material Options	Body, Ends, Ball and Handle - Gray PVC (Standard), White Polypropylene Gray Polypropylene, Screws - Stainless	
Seal Options	Buna-N, Ethylene Propylene, Fluoroelastomer (Viton®)	
End Options	Inlet Ends (Bottom): 1/4, 1/2, Female NPT 1/2, 3/4 Male NPT 3/8, 1/2, 5/8 Hose Barb 1/2, 3/4 Socket	Outlet Ends (Sides): 1/4, 1/2, 3/4 Female NPT 1/2, 3/4 Male NPT 3/8, 1/2, 5/8, 3/4 Hose Barb 1/2, 3/4 Socket 1/2 BIB (Smooth Barb)
Handle Options	Lever Handle (Standard), Mini-T Handle, Round Handle, Extended Handle - 1" Offset	
Miscellaneous Options	Stainless Support Ring for 1/2 and 3/4 FNPT, Stainless Mounting Bracket	

Example of How To Order

Body Material PVC	Inlet End 1/2 MNPT	Outlet End 1/4 FNPT	Outlet End 3/8 Barb	Seal Buna-N	Handle Lever
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SMC Part Number: PVC 351-8M4F6B-B

The handle will lie at 45 degrees toward the open port when in the full open position. SMC Part Numbers are a description of the valve as read left to right, Inlet to Outlet to Outlet.

Example: PVC 351-8M4F6B-B = 1/2 MNPT Inlet x 1/4 FNPT Outlet x 3/8 Barb Outlet

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