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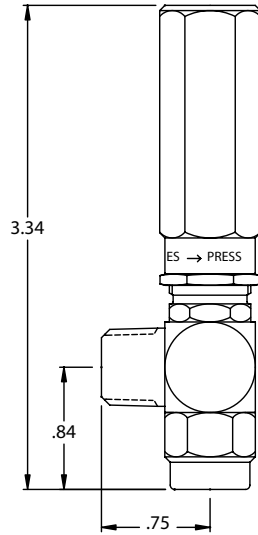
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579 SERIES BALANCED PRESSURE REGULATOR



Design Considerations

The 579 Series Off Line Balanced Pressure Regulator is designed for carpet cleaner and small pressure wash applications where a weep gun is used or bypass can be returned to the supply tank. The 579 Series Off Line Regulator is available in two spring pressure ranges of 500 and 1000 psi and can be used in systems with more than one outlet. The 579 Series Off Line Regulator mounts to a "T" from the pump outlet and is repairable. The 579 Series Off Line Regulator is available with Buna-N, Ethylene Propylene and Fluoroelastomer (Viton®) seals for chemical compatibility.

- Maximum Operating Pressure — 1000 psi
- Maximum Operating Temperature — 180°F
- Maximum Flow Rate — 4 GPM

Options

Material Options Brass Body, Ends and Adjustment Cap, 316 Stainless Piston, 303 Stainless Seat

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

Inlet End Options 1/4 Male

Bypass End Options 1/8 Female NPT

Spring Options
500 psi - Low (Silver Spring)
1000 psi - Standard (Gold Spring)

Repair Kit Options Piston, 316 Stainless

Quad Ring Piston Seal Kit, Buna-N 5790590

Quad Ring Piston Seal Kit, Ethylene Propylene 5790690

Seat and O-Ring Seal Kit, Buna-N 5790790

Seat and O-Ring Seal Kit, Ethylene Propylene 5790890

Part Numbers

5790110

5790100

5790060

5790590

5790690

5790790

5790890

Example of How To Order

Body
Brass

Inlet End
1/4 MNPT

Bypass End
1/8 FNPT

Seal
Buna-N

Spring
500 psi

SMC Part Number: BPR BRS 579-B,LOW

SMC Part Numbers are a description of the regulator Seal Material and Spring size
Example: BPR BRS 579-B,LOW = Buna-N Seals, 500 psi Spring

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