



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.

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## 555 SERIES STAINLESS BALANCED PRESSURE REGULATOR 3/8" NPT



### Design Considerations

- The 555 Stainless Off Line Balanced Pressure Regulator is designed for carwash and pressure wash applications where a weep gun is used or bypass can be returned to the supply tank
- Available with three standard spring pressure ranges to 2000 psi
- Can be used in systems with more than one outlet
- Mounts to a "T" from the pump outlet and is repairable
- Buna-N, Ethylene Propylene and Fluoroelastomer (Viton®) seals are available for chemical compatibility

### Example of how to order

<u>Type</u>	<u>Inlet Port</u>	<u>By-Pass Port</u>	<u>Seal</u>	<u>Spring</u>
Stainless Off Line Balanced Pressure Regulator	3/8 Female NPT	3/8 Female NPT	Ethylene Propylene	2000 psi

**Part Numbers** are a description of the regulator as read left to right, Inlet Port to By-Pass Port.

**BPR SST 555-6F-E,2000 PSI** = Stainless Off Line Regulator, 3/8 Female NPT Inlet x 3/8 Female NPT By-Pass, Ethylene Propylene (EPDM) Seals, 2000 psi spring

### Specifications

<b>Material</b>	BODY and ENDS - 316 Stainless, ADJUSTMENT CAP - Electroless Nickel Plated Brass, PISTON - 316 Stainless, SEAT - 303 Stainless
<b>Body Option</b>	3/8 Female NPT Inlet x 3/8 Female NPT By-Pass 3/8 Male NPT Inlet x 3/8 Female NPT By-Pass
<b>Seal Option</b>	Buna-N, Ethylene Propylene, Fluoroelastomer (Viton®)
<b>Spring Option</b>	500 psi (Blue) 1000 psi (Red) 2000 psi (Gold) 800 psi 17-7 Stainless 2000 psi 17-7 Stainless 2500 psi 17-7 Stainless (Green)
<b>Flow Rate</b>	7 GPM Max
<b>Maximum Operating Temperature</b>	180 °F
<b>Compatibility Statement</b>	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.
<b>Pricing and Minimum Order</b>	Our Minimum Order Requirements are \$100.00 Domestic - \$250.00 International. Pricing is based on the quantity ordered.

Requirement	Please indicate a typical order quantity or Estimated Annual Usage when requesting pricing.
<b>Repair Kit / Replacement Parts Options</b>	Piston - 316 Stainless (5550230) Quad Ring & Backing Ring Piston Seal Kit - Buna-N (5550490) Quad Ring & Backing Ring Piston Seal Kit - Ethylene Propylene (5551690) Quad Ring & Backing Ring Piston Seal Kit - Fluoroelastomer (Viton®) (5551990) Seat & O-Ring Seal Kit - Buna-N (5550590) Seat & O-Ring Seal Kit - Ethylene Propylene (5552090) Seat & O-Ring Seal Kit - Fluoroelastomer (Viton®) (5552190)

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