

## Flow Control Valves

### Steel Series-F

#### Features

- Two-step needle provides fine adjustments at low flow with the first three turns of the adjusting knob, the next three turns give full-open needle position and conventional throttling control. When flow is reversed, a heavy-duty poppet/retainer permits full-flow return capacity.
- Color-coded reference scale simplifies flow setting, resetting, adjusting, and return to original flow; a simple set screw locks the valve on any desired setting

#### Material

- Seal: Nitrile

#### Specifications

- Maximum operating pressure:  
**5000 PSI at 70°F (21°C)** for 1/8" - 1/2"  
**3000 PSI at 70°F (21°C)** for 3/4" - 2"
- Cracking pressure: **5 PSI**



Female NPTF	Black Oxide Steel Part #
1/8"	SFC200
1/4"	SFC400
3/8"	SFC600
1/2"	SFC800
3/4"	SFC1200
1"	SFC1600
1-1/2"	SFC2400
2"	SFC3200

### Steel Series-N

#### Features

- Excellent speed control on hydraulic systems where a reverse flow check valve is not needed
- Reliable shutoff in a very small envelope; color-coded reference scale simplifies setting, resetting, adjusting, and quick return to a previous speed setting

#### Material

- Seal: Nitrile

#### Specifications

- Maximum operating pressure:  
**5000 PSI at 70°F (21°C)** for 1/8" - 3/4"  
**3000 PSI at 70°F (21°C)** for 1" - 1-1/4"
- Cracking pressure: **5 PSI**



Female NPTF	Steel Part #
1/8"	SN200
1/4"	SN400
3/8"	SN600
1/2"	SN800
3/4"	SN1200
1"	SN1600
1-1/4"	SN2000

### Series-MV Metering

#### Features

- Easily make fine adjustments and resets with color code feature that shows when desired setting is reached
- Body components are precision-turned from solid barstock

#### Materials

- Needle: 416 stainless steel
- Seal: Nitrile

#### Specification

- Maximum operating pressure: **5000 PSI at 70°F (21°C)**



Female NPTF	Steel Part #
1/4"	SMV400
3/8"	SMV600
1/2"	SMV800