

## 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

#### 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"**



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

### Brass Series-F

#### Features

- Provides precision flow control and full shutoff in one flow direction; automatically allows unrestricted flow in the opposite direction
- Two-step needle for fine adjustments at low flow with first three turns of the adjusting knob; next three turns give full-open needle position and conventional throttling control
- When flow is reversed, the heavy-duty poppet/retainer permits full flow return capacity
- Color-coded scale simplifies flow setting, resetting, adjusting, and return to an original flow
- A set screw locks the valve on any desired setting

#### Specifications

- Maximum operating pressure:  
**2000 PSI at ambient temperature 70°F (21°C) for sizes 1/8" - 3/4"**  
**500 PSI at ambient temperature 70°F (21°C) for 1"**



Female NPTF	Brass Part #
1/8"	BFC200
1/4"	BFC400
3/8"	BFC600
1/2"	BFC800
3/4"	BFC1200
1"	BFC1600

### 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

#### Material

- 416 stainless steel needle

#### Specification

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



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