



## Hydraulic Fittings

### Steel Flow Control Valves

#### Series F

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, the heavy-duty poppet/retainer permits full-flow return capacity. Exclusive color-coded reference scale on the adjusting knob greatly simplifies flow setting, resetting, adjusting and return to an original flow. A simple set screw locks the valve on any desired setting.

- Maximum operating pressure:  
black oxide steel - **5000 PSI** for 1/8" - 1/2", **3000 PSI** for 3/4"
- Also available in brass, see page 123

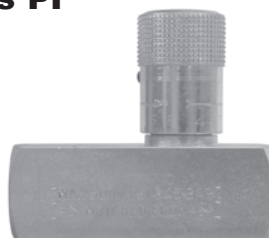


Thread	Part #	Price/E
1/8"	<b>SFC200</b>	<b>\$55.00</b>
1/4"	<b>SFC400</b>	<b>62.00</b>
3/8"	<b>SFC600</b>	<b>76.65</b>
1/2"	<b>SFC800</b>	<b>103.25</b>
3/4"	<b>SFC1200</b>	<b>147.15</b>

#### Series PF

Utilizes a ball type check that meters the flow of hydraulic oil in one direction and allows for free flow in the reverse direction. Recommended for use in non-shock applications.

- Maximum operating pressure: zinc plated steel with a dichromate seal - **5000 PSI**, **5 PSI** cracking pressure
- Also available in brass, see page 123



Thread	Part #	Price/E
1/4"	<b>SPF400</b>	<b>\$47.65</b>
3/8"	<b>SPF600</b>	<b>63.15</b>
1/2"	<b>SPF800</b>	<b>82.30</b>

#### Series N

Ideal for use as speed controls on hydraulic systems where a reverse flow check valve is not needed. Provides excellent control and reliable shutoff in a very small envelope. Color-coded reference scale on the adjusting knob simplifies setting, resetting, adjusting and quick return to a previous speed setting.

- Maximum operating pressure: steel - **5000 PSI**
- Also available in brass, see page 123



Thread	Part #	Price/E
1/8"	<b>SN200</b>	<b>\$56.60</b>
1/4"	<b>SN400</b>	<b>64.40</b>
3/8"	<b>SN600</b>	<b>78.60</b>
1/2"	<b>SN800</b>	<b>99.45</b>
3/4"	<b>SN1200</b>	<b>132.35</b>

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Fittings

#### Series MV

With these high-precision metering and shutoff valves, you can readily make fine adjustments and reset with the exclusive color code 5000 that shows when you reach the desired setting.

- Body components are precision-turned from solid barstock
- All models have 416 stainless steel needles
- Maximum operating pressure: steel - **5000 PSI**



Thread	Part #	Price/E
1/4"	<b>SMV400</b>	<b>\$64.10</b>
3/8"	<b>SMV600</b>	<b>135.00</b>
1/2"	<b>SMV800</b>	<b>169.70</b>

### Series C Check Valves

Provides free flow in one direction and dependable shutoff in the opposite direction.

- Maximum operating pressure:  
Steel - **5000 PSI**, **5 PSI** cracking pressure
- Also available in brass, see page 122



Thread	Part #	Free Flow GPM	Price/E
1/8"	<b>SCV200</b>	3	<b>\$43.20</b>
1/4"	<b>SCV400</b>	5	<b>47.45</b>
3/8"	<b>SCV600</b>	8	<b>55.20</b>
1/2"	<b>SCV800</b>	15	<b>63.70</b>