

Flow Control Valves

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

Material

- Seal: Nitrile

Specifications

- 1/8" – 3/4" maximum operating pressure: **2,000 PSI** at ambient temperature **70°F (21°C)**, **1" 500 PSI** at ambient temperature **70°F (21°C)**
- Operating Temperature Range: **-20°F to 250°F (-29°C to 121°C)**
- Cracking pressure: **5 PSI**



F

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

Brass Series-N

Features

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

Material

- Seal: Nitrile

Specifications

- 1/8" – 3/4" maximum operating pressure: **2,000 PSI** at ambient temperature **70°F (21°C)**, **1" 500 PSI** at ambient temperature **70°F (21°C)**
- Operating Temperature Range: **-20°F to 250°F (-29°C to 121°C)**
- Cracking pressure: **5 PSI**



Female NPTF	Brass Part #
1/8"	BN200
1/4"	BN400
3/8"	BN600
1/2"	BN800
3/4"	BN1200
1"	BN1600

Series-C Check Valves

Feature

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

Material

- Seal: Nitrile

Specifications

- Maximum operating pressure: Brass **2,000 PSI** at **70°F (21°C)**; Steel **5,000 PSI** at **70°F (21°C)**
- Cracking pressure: **5 PSI**



brass



steel

Female NPT	Free Flow GPM	Maximum Operating PSI at 70°F (21°C)	Brass Part #	Maximum Operating PSI at 70°F (21°C)	Steel Part #
1/8"	3	2,000	BCV200	5,000	SCV200
1/4"	5	2,000	BCV400	5,000	SCV400
3/8"	8	2,000	BCV600	5,000	SCV600
1/2"	15	2,000	BCV800	5,000	SCV800