

Model 852-B Needle Valve Speed Control



The model 852-B needle valve is a pilot speed control valve. The body is brass and the stem is stainless steel with a fine thread for controlling flow. 'O' ring packing assures leak proof, trouble free service. 1/4" (7.5mm) NPT female to female end connections.

Specifications:

- Maximum Operating Temperature: 180 F (82 C)
- Maximum Working Pressure: 400 psi (27.6 bar)

When Ordering Please Specify:

1. Catalog Model #.
May be included as standard with some products.

Micrometer Needle Valves

Micrometer needle valves allow for precise speed control. There is virtually infinite flow adjustment in both directions. Standard end connections are female-to-female 1/4" (7.5mm) NPT.

Standard Materials:

Forged brass body, Buna-N seals and stainless steel stem

Specifications:

- Maximum Fluid Temperature: 180 F (82 C)
- Maximum Pressure Rating: 2000 psi (138 bar)

When Ordering Please Specify:

1. Catalog Model Name.
May be included as standard with some products.



Micrometer Flow Control Valves



Micrometer flow control valves allow for precise flow control. There is full flow in one direction and adjustable restricted flow in the opposite direction. They are standard on certain models, such as BPC pump control valves and available as an option for other applications. Standard end connections are female-to-female 1/4" (6.35mm) NPT.

Standard Materials:

Forged brass body Urethane disc
Stainless steel stem Stainless Retaining Ring Buna-N seals

Specifications:

- Maximum Fluid Temperature: 140 F (60 C)
- Maximum Pressure Rating: 2000 psi (138 bar)

When Ordering Please Specify:

1. Catalog Model Name.
May be included as standard with some products.

Model 10 & 12 Pilot Check Valves

The model 10 is used as a pilot check valve on all series 106 and 206 valves requiring a pilot check function, e.g., BPC, PR-C, RPS-C. It is designed to require a low "cracking" differential pressure to open. The model 12 has a higher "cracking" pressure, ie requires more differential pressure to open.

Standard Materials:

Body: ASTM B16 brass Seat Ring: ASTM B-16 brass
Inner Valve: Lexan Seals: Buna-N

Specifications:

- Maximum Working Temperature: 180 F (82 C)
- Maximum Working Pressure: 400 psi (27.6 bar)
- Connections: 1/4" (6.35mm) N.P.T.

When Ordering Please Specify:

1. Catalog Model #.
May be included as standard with some products.



Singer Valve Inc. • 12850 - 87th Avenue • Surrey, British Columbia, Canada V3W 3H9
Tel: 604 594 5404 • Fax: 604 594 8845 • Toll-Free Fax (US & Canada): 1 800 663 7266
E-Mail: singer@singervalve.com • singervalve.com • *An ISO 9001:2000 Registered Company*