

## MODEL 852-B NEEDLE VALVE

The 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 in / 6.35 mm NPT female to female end connections.



### Specifications

- Maximum operating temperature: 180° F / 82° C
- Maximum working pressure: 400 psi / 27.6 bar

## MODEL 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 in / 6.35 mm 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

## MODEL 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 in / 6.35 mm 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

## MODEL 10 & 12 PILOT CHECK VALVES

The 10 pilot check valve is standard on all 106 and 206 series valves requiring a pilot check function such as BPC, PR-C, RPS-C types. It is designed to require a low “cracking” differential pressure to open. The 12 has a higher “cracking” pressure and 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