Flow Rate Controllers / Valves with Adjusting Dial
Low-Height / Union Straight

Flow Rate Controller – Low-Height

Flow Rate Controller – Union Straight-In-Line

Valve with Adjusting Dial

NBDY

Flow Rate Characteristics

Part Number Example

Part Number - Nominal A C1 C2 E Wrench Flats

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Material</th>
<th>Type</th>
<th>Diamater (mm)</th>
<th>Width (mm)</th>
<th>Length (mm)</th>
<th>Flats</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPJYS</td>
<td>Brass (Electroless Nickel Plating)</td>
<td>M3</td>
<td>3.3</td>
<td>7.8</td>
<td>13.8</td>
<td>M5</td>
</tr>
<tr>
<td>NBDY</td>
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Features

- Linear flow rate characteristics proportional to needle revolutions.
- Dial display makes it easy to control value of flow rate.
- Mounting part with 360° turn provides easy mounting.
- Slide locking lever provides easy locking.

Specifications

- Operating Temperature Range: -20°C to 100°C
- Operating Pressure Range: 0–1.0 MPa
- Max. Operating Pressure: 0.1 MPa
- Max. Operating Temperature: 0–100°C
- Max. Flow: 1000 L/min
- Max. Flow Rate: 1.0 MPa
- Max. Flow Rate: 0.1 MPa

Structure Diagram

There’s more on the web: misumiusa.com

Flow Rate Controller
Stainless Steel / Heat-Resistant / Clean Environment

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Features

- Needle valves for controlling both right and left sides of flow rate.
- Not applicable as a stop valve which requires no leakage.
- For the dial with slide locking lever after adjusting flow rate.
- Tightens the mounting screw at 0.05 inch or lower.

Precautions

- Is-oil permitted.
- Confirm if the tube is inserted to the tube end of the body.

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