VALUE ENGINEERED
NEW MEGA series

Fujikin
making a difference
NEW MEGA-ONE LOW PRESSURE VALVES SPECIFICATIONS

<table>
<thead>
<tr>
<th>Series</th>
<th>Size</th>
<th>Operating Pressure</th>
<th>Max Back Pressure</th>
<th>Operating Modes</th>
<th>Air Op Supply Pressure</th>
<th>CV</th>
<th>Body Material</th>
<th>Surface Finish</th>
<th>Seat Material</th>
<th>Seat Leak Rate</th>
<th>External Leak Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Mega</td>
<td>1/4&quot;</td>
<td>145 psig</td>
<td>145 psig</td>
<td>NC - NO</td>
<td>5/8-7 psig</td>
<td>0.3</td>
<td>316L</td>
<td>10 Ra</td>
<td>PCTFE</td>
<td>4.93x10^-11 atm cm^2/sec</td>
<td>4.93x10^-11 atm cm^2/sec</td>
</tr>
<tr>
<td>New Mega</td>
<td>3/8&quot;</td>
<td></td>
<td></td>
<td>1/4-Turn</td>
<td></td>
<td>0.6</td>
<td></td>
<td></td>
<td>Nickel-Cobalt Alloy</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Optional Material Double Melt with 5 Ra max surface finish (see suffix -316LP)
** Optional Seat Materials: Polymide (150°C) and PFA (150°C).

![Pressure / Temperature Rating Graph]

** PART NUMBERING **

** Indicating Handwheel **
- FUND
- FUNDL
- FPR-ND

** Pneumatic **
- FPR = N.C.
- FP = N.O.
- Blank = 2 Port
- See Porting Guide
- 71" = UJR
- 81" = Angle UJR
- 51" = Weld
- 61" = Angle Weld
- Blank = M/UJR
- BW = Butt Weld
- 61 = M/UJR
- 3 = Mx/F/UJR
- 4 = Fx/M/UJR

For FUND add G. Example 71G or 51G

** VALVE PORTING **

<table>
<thead>
<tr>
<th>2 Port</th>
<th>3 Port</th>
<th>4 Port</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL</td>
<td>TB</td>
<td>XB</td>
</tr>
<tr>
<td>CR</td>
<td>TL</td>
<td>XT</td>
</tr>
<tr>
<td>61 or 81</td>
<td>TR</td>
<td>XR</td>
</tr>
<tr>
<td></td>
<td>TLO</td>
<td>XO</td>
</tr>
</tbody>
</table>

Clean and Safe Technology
NEW MEGA - ONE SERIES

Low Pressure - Pneumatic & Manual Valves

The New MEGA-ONE Series features a higher flow coefficient, reduced height and reduced cost, without compromising the highest quality, performance, safety and reliability standards that are the cornerstones of Fujikin's worldwide reputation.

Actuator mode clearly indicated
N.O. and N.C.

Single-Melt - 10 Ra EP Standard
Double-Melt - 5 Ra max Optional

Reduced Height 22 mm

Nickel-Cobalt Alloy Diaphragms

Face Seal & Butt Weld End Connections

SEAT Material
PCTFE (80° C) - Standard
Polyimide (150° C) - Optional
PFA (150° C) - Optional

Durability Tested to 4,000,000 Cycles

Fujikin - Making a Difference