Before using the product, please check the guide pages at the front of this catalog.

To ensure good pressure compensation performance, maintain a pressure difference of 1 MPa (10 kgf/cm²) minimum between the inlet and outlet ports.

The flow rate will not be zero even if the flow rate adjusting handle is fully tightened.

### Specifications

<table>
<thead>
<tr>
<th>Model code</th>
<th>Maximum operating pressure MPa (kgf/cm²)</th>
<th>Maximum flow rate L/min</th>
<th>Control flow rate L/min</th>
<th>Check valve cracking pressure MPa (kgf/cm²)</th>
<th>Mass kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>MF-02W×-55</td>
<td>25 (250)</td>
<td>40</td>
<td>0.1 to 40</td>
<td>0.08 (0.8)</td>
<td>2</td>
</tr>
<tr>
<td>MF-02A(B)×-55</td>
<td></td>
<td></td>
<td>0.5 to 40</td>
<td></td>
<td>1.8</td>
</tr>
</tbody>
</table>

Note: *1 Control flow rate (1) Pressure difference between the inlet and outlet ports to be 7 MPa (70 kgf/cm²) maximum
(2) Pressure difference between the inlet and outlet ports to be 25 MPa (250 kgf/cm²) maximum

### Handling

- To ensure good pressure compensation performance, maintain a pressure difference of 1 MPa (10 kgf/cm²) minimum between the inlet and outlet ports.
- The flow rate will not be zero even if the flow rate adjusting handle is fully tightened.

### Performance curves (viscosity: 32 mm²/s {cSt})
External dimension diagram

MF-02W-55

Handle locking nut (width across flats: 30)

Flow rate adjusting handle (clockwise: flow rate decrease)

Maximum 107

Maximum 321

MF-02Wi-55

Handle locking nut (width across flats: 30)

Flow rate adjusting handle (clockwise: flow rate decrease)

Maximum 107

Maximum 321

Sectional structural diagram

MF-02W-55

Sealing part table

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Name</th>
<th>Quantity</th>
<th>Part specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>O-ring</td>
<td>4</td>
<td>AS568-012 (NBR, Hs90)</td>
</tr>
<tr>
<td>19</td>
<td>O-ring</td>
<td>2</td>
<td>AS568-016 (NBR, Hs90)</td>
</tr>
<tr>
<td>20</td>
<td>O-ring</td>
<td>1</td>
<td>JIS B 2401 1A P8</td>
</tr>
</tbody>
</table>

MF-02Wi-55