**Self-cleaning Flat Spray Nozzles**

**MOMOJet®**

**Features**
- If clogged, by reducing the pressure to 0.03 MPa, the nozzle tip is retracted and purges foreign particles. By increasing the pressure to 0.2 MPa and greater, normal spraying is restored.
- Straight-through orifice is suitable for multiple-nozzle arrangement.

**Standard pressure**
0.3 MPa

**Applications**
- Cleaning: Papermaking (wire, felt parts and rollers), steel plates, PCB
- Cooling: Steel plates
- Foam breaking: Waste water treatment
- Others: Applications where recirculated water is being used

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### MOMOJet® series

<table>
<thead>
<tr>
<th>Structure</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>By changing the liquid pressure, a built-in spring moves the split nozzle tip up and down and opens the orifice for purging.</td>
<td></td>
</tr>
<tr>
<td>Nozzle tips are made by metal injection molding.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Material</th>
<th>S303</th>
</tr>
</thead>
</table>

| Mass | 45 g |

[Note] Appearance and dimensions may differ slightly depending on materials and nozzle codes.

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### Nozzle: 1/2MOMO8000S303

- Spraying
- Purging

When purging, the nozzle tip opens wide and the spray capacity increases. This must be taken into consideration when selecting a pump.

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<table>
<thead>
<tr>
<th>Spray capacity code</th>
<th>Spray angle (°)</th>
<th>Spray capacity (ℓ/min)</th>
<th>Mean droplet diameter (μm)</th>
<th>Free passage diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.3 MPa</td>
<td>0.7 MPa</td>
<td>0.2 MPa</td>
<td>0.3 MPa</td>
</tr>
<tr>
<td>20</td>
<td>80</td>
<td>65</td>
<td>1.63</td>
<td>2.00</td>
</tr>
<tr>
<td>40</td>
<td>80</td>
<td>83</td>
<td>3.27</td>
<td>4.00</td>
</tr>
<tr>
<td>60</td>
<td>80</td>
<td>83</td>
<td>4.90</td>
<td>6.00</td>
</tr>
</tbody>
</table>

**Precautions for use**
1. To start spraying a flow rate of about 9 ℓ/min at 0.05 MPa is required for all models because the nozzle tip opens wide. Select an appropriate pump.
2. MOMOJet® is designed to start spraying at the pressure of 0.1 MPa. Use MOMOJet® at 0.2 MPa and greater.
3. Since MOMOJet® series nozzles have active nozzle tips, the spray capacity is only guaranteed within ±10% and the spray angle within ±/-10° under the standard pressure.

**How to order**
Please inquire or order for a specific nozzle using this coding system.

*(Example) 1/2 MOMO 8020 S303*

| Spray capacity code | 20 | 40 | 60 |

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**ALSO AVAILABLE!**

**Self-cleaning Solid Stream Jet**

**MOMOJet® "C" series**

See p.103 of this catalog.