**Low-Speed Rotating Cleaning Nozzles for Tanks/Containers**

**SR series**

**FEATURES**

**Low-Speed Rotation**

- Low-speed rotation of 5–10 rpm\(^1\) at 0.3 MPa.
- Maximized contact time between cleaning object and spray liquid achieves higher cleaning effect.

\(^1\) Reference value

**Heat-Resistant**

Made of stainless steel 316L with high heat resistance.

**APPLICATIONS**

Cleaning for tanks, containers, filling machines, conveyers and various other tanks.

**REACH DISTANCE**

![Graph showing reach distance (Diameter (m)) vs. pressure (MPa) for SR13 to SR150.]

**SPRAY PATTERN**

![Diagram showing 360° spray pattern with nozzle rotation.]

**SPRAY CAPACITY**

- For SR13–SR42:
  - Graph showing pressure (MPa) vs. spray capacity (L/min)
  - SR13, SR20, SR31, SR42 lines

- For SR70–SR150:
  - Graph showing pressure (MPa) vs. spray capacity (L/min)
  - SR70, SR150 lines
**SPECIFICATIONS**

Pipe conn. size

<table>
<thead>
<tr>
<th>Dimensions (mm)</th>
<th>Mass (g)</th>
</tr>
</thead>
<tbody>
<tr>
<td>L₁</td>
<td>L₂</td>
</tr>
<tr>
<td>Rc1/8</td>
<td>50</td>
</tr>
<tr>
<td>Rc1/4</td>
<td>62.5</td>
</tr>
<tr>
<td>Rc3/8</td>
<td>75</td>
</tr>
<tr>
<td>Rc1/2</td>
<td>100</td>
</tr>
<tr>
<td>Rc3/4</td>
<td>150</td>
</tr>
</tbody>
</table>

1. Connecting adaptor
2. Nozzle body
3. Shaft bearing

Material: S316L (stainless steel 316L)

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**HOW TO ORDER**

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

(Example) 1/8F SR 13N S316L (360)

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1/8F  SR  13  N S316L (360)
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Pipe conn. size²
- 1/8F
- 1/4F
- 3/8F

Spray capacity code
- 13
- 20
- 31
- 42
- 70

Spray capacity (L/min)
- 0.15 MPa: 9.19
- 0.3 MPa: 13.0
- 0.6 MPa: 16.8
- 0.7 MPa: 19.9
- 1.0 MPa: 23.7

Spray pattern
- Flat spray
- 360°

Rotation speed* (rpm) at 0.3 MPa [for reference only]
- 5–10

Heat resistance
- 150°C (300°F)

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Note:
1. Use of strainer with mesh size 200 is recommended.
2. Install the nozzle downward for stable rotation.
3. If upward nozzle installation is needed, please use ES series nozzles instead.

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Specifications of the products and contents of this leaflet are subject to change without prior notice for purpose of product improvement.