Low Flow Saves on Water and Chemicals

Toftejorg MultiMagnum Rotary Spray Head

Application
The Toftejorg MultiMagnum is a rotary head that uses cleaning media to provide coverage and impact. The device represents an effective alternative to traditional static spray balls because it uses low volumes of cleaning fluid at low pressure. The double ball bearing in the Toftejorg MultiMagnum’s rotating head makes the device suitable for all industrial cleaning applications, including tanks, reactors, vessels and other containers ranging from 5 m³ to 50 m³ (1,300 - 13,000 US gallons), depending on dimensions and cleaning task.

Working principle
The flow of the cleaning media causes the head of the Toftejorg MultiMagnum to rotate, and the fan-shaped jets lay out a swirling pattern throughout the tank or reactor. This generates the impact needed for the efficient removal of residual product; the cascading flow covers all internal surfaces of the vessel.

The MultiMagnum are designed to be installed in any given angle.

Spray Pattern

![Spray Pattern Diagram]

| 360° | 270° up | 180° down |

Technical Data
- Weight: 0.90 kg (1.98 lbs) on pipe: 2.5 kg (5.51 lbs)
- Lubricant: Self-lubricating with the cleaning fluid
- Working pressure: 1 - 3 bar (14.5 - 44 psi)
- Recommended pressure: 2 bar (29 psi)
- Max. working temperature: 95 °C (203 °F)
- Max. ambient temperature: 140 °C (284 °F)
- Wetting radius: Max. 3 m (10 ft)
- Impact cleaning radius: Max. effective 2 m (6 ft)
- Connection: 1 1/4" Rp (BSP) or NPT thread. Weld-on for pipe: ISO2037, ASTM A270, BS4825 part 1 or DIN 11.850
- Standard Surface finish: Ra0.8μm (32μ inch) exterior / Ra0.8μm (32μ inch) inside

Certification:
2.1
A: Wetting - B: Impact cleaning
For clip-on models, the flow rate is increased by approx. 1.5 m³/h

Dimensions (mm / inch)

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<tr>
<td>1 1/4&quot; Rp (BSP)</td>
<td>ISO: ø38 x 1.6</td>
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<tr>
<td>1 1/4&quot; NPT</td>
<td>DN40: ø41 x 1.5</td>
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