



# Low Flow Saves on Water and Chemicals

## Toftejorg SaniMicro Rotary Spray Head

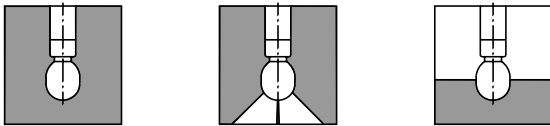
### Application

The Toftejorg SaniMicro is a rotary spray 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 SaniMicro's rotating head makes the device suitable for all industrial cleaning applications, including tanks, reactors, vessels and other containers ranging from 0.05 to 1 m<sup>3</sup> (10 - 250 US gallons), depending on dimensions and cleaning task. Assistance with optimal application positioning and other technical recommendations are available in CAS format.

### Working principle

The flow of the cleaning media causes the head of the Toftejorg SaniMicro 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.

### Spray Pattern



360°/360° Low Flow      270° up/270° up Low Flow      180° down

### Standard Design

The Toftejorg SaniMicro is available in Hastelloy C4 and 1.4401 (316).

### Materials

Housing, Inlet connection, Head: 1.4404 (316L), Balls: 1.4401 (316)

### Technical Data

Weight: .....75 g (0.2 lbs)  
Lubricant: .....Self-lubricating with the cleaning fluid  
Working pressure: .....1 - 6 bar (45 - 85 psi)  
Recommended pressure: .....1 - 5 bar (14.5 - 73 psi)  
Max. working temperature: .....95 °C (203 °F)  
Max. ambient temperature: .....140 °C (287 °F)  
Spray Pattern: .....Cleaning pattern 360°, 360°LF, 270°, 270°LF, 180°D  
Max. radius 400 mm  
Wetting radius: .....Max. radius 1 m



Min. tank opening: .....25 mm diameter (DN 25)  
Connection: .....3/8" Rp (BSP) or NPT thread, Clip-on or weld-on for pipe

### Ordering

Please specify desired spray pattern, required connections, material selection and type of certification required. Please also confirm the application suitability.

### Options

Downpipe assemblies with Tri-Clamp fittings and flange connections in 1.4401 (316) or Hastelloy C4.

### Certificates

2.2 - 3.1.B - ATEX

## Flow Rate

	Thread connection		Clip-on connection		Weld-on connection	
	Flow Rate m3/h	Cleaning radius mm	Flow Rate m3/h	Cleaning radius mm	Flow Rate m3/h	Cleaning radius mm
360°	2.7	400	2.9	400	2.7	400
360° Low Flow	1.6	270	1.8	270	1.6	270
270° UP	2.7	400	2.9	400	2.7	400
270° UP Low Flow	1.6	270	1.8	270	1.6	270
180° Down	2.7	400	-	-	2.7	400

## Dimensions (mm)

