For EHEDG Certified Cleaning

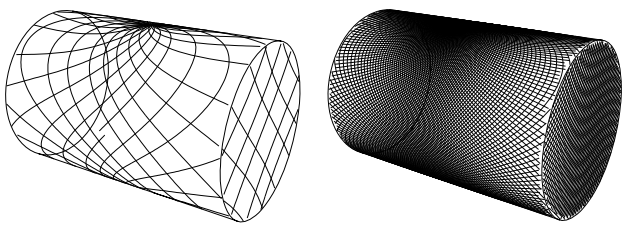
Toftejorg SaniJet 25 Rotary Jet Head



Application
The Toftejorg SaniJet 25 rotary jet head provides 360° indexed impact cleaning over a defined time period. It is automatic and represents a guaranteed means of achieving quality assurance in tank cleaning. Used in food and dairy processes, pharmaceutical and biotechnology industries, the device is suitable for processing, mixing and storage tanks and vessels between 15 and 150 m_3 (4,000 to 40,000 US gallons). The design is particularly suitable for ultra-hygienic industries that follow European Hygienic Engineering & Design Group Guidelines.

Working principle
The flow of the cleaning fluid makes the nozzles perform a geared rotation around the vertical and horizontal axes. In the first cycle, the nozzles lay out a coarse pattern on the tank surface. The subsequent cycles gradually make the pattern more dense, until a full pattern is reached after 8 cycles.

Cleaning Pattern



First cycle

Full pattern

The above drawings show the cleaning pattern achieved on a cylindrical horizontal vessel. The difference between the fi rst cycle and the full pattern represents the number of additional cycles available to increase the density of the cleaning.

Standard Design
The choice of nozzle diameters can optimise jet impact length and flow rate at the desired pressure. Welding adaptors with sealing are available as an accessory. The Toftejorg SaniJet 25 is designed, tested and approved according to EHEDG guidelines. As standard documentation, it can be supplied with a “Declaration of Conformity” for material specifications. Conformity of Declaration ATEX Directive 94/9/EC available on request.

ATEX approved, Category 1 for installation in zone 0/20

Materials
1.4404 (316L), SAF 2205, UNS S 21800, PEEK, PFA HP and EPDM.

Caution
Avoid hard and abrasive particles in the cleaning liquid, as this will cause increased wear and/or damage of internal mechanisms. It is recommended to install a filter in the supply line.

Technical Data

Surface finish:	External surface finish: Ra = 0.5 µm
Weight:	5.1 kg (11 lbs)
Lubricant:	Self-lubricating with the cleaning fluid
Working pressure:	3 - 8 bar (45 - 115 psi)
Recommended pressure:	4 - 7 bar (58 - 100 psi)
Max. working temperature:	95 °C (203 °F)
Max. ambient temperature:	140 °C (284 °F)
Max throw length:	9 - 14 m (29 - 46 ft)
Impact throw length:	4 - 8 m (13 - 26 ft)
Standard thread:	1” Rp (BSP) with sanitary seal

Certificate:
2.2 - 3.1.B - ATEX - EHEDG

Ordering

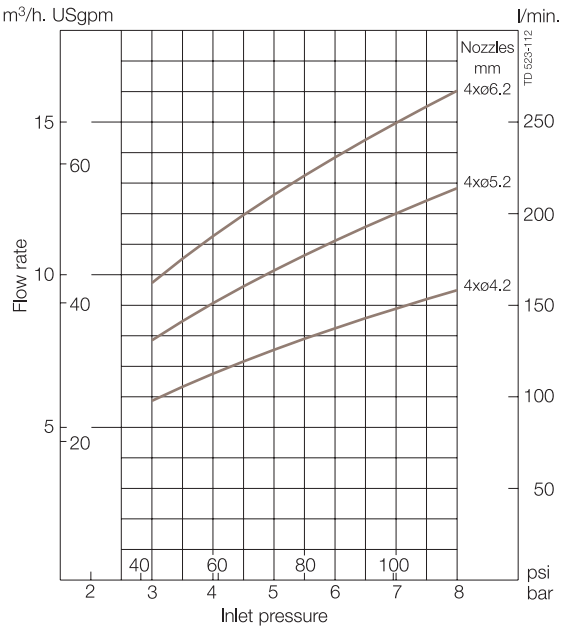
Please specify nozzle size and required connection and confirm application suitability.

Options

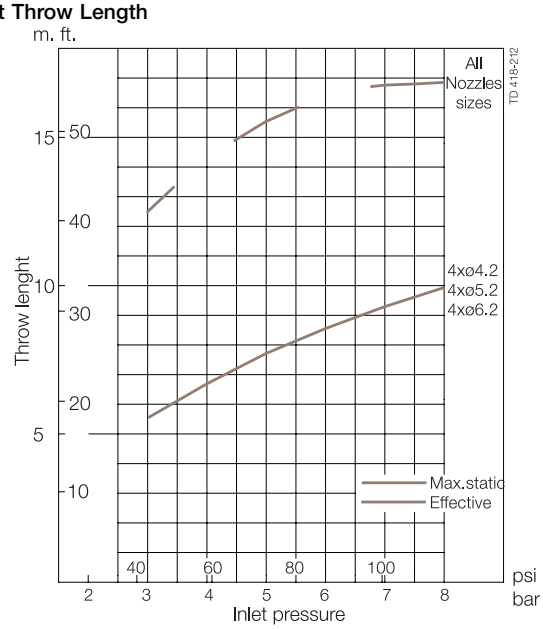
A. Electronic rotation sensor to verify 360° coverage.

B. Down pipes.

Flow Rate



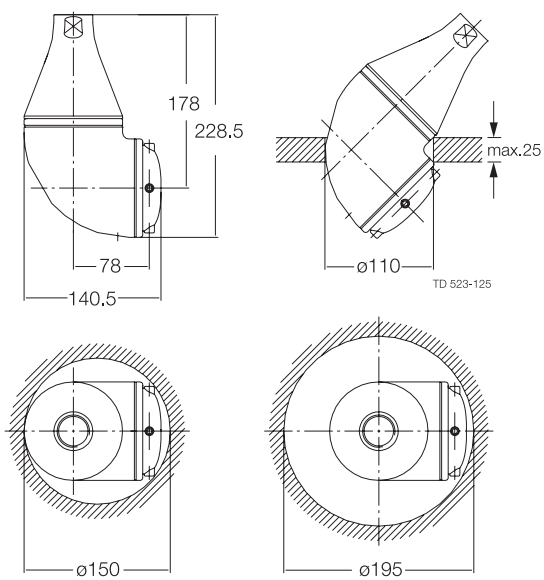
Impact Throw Length



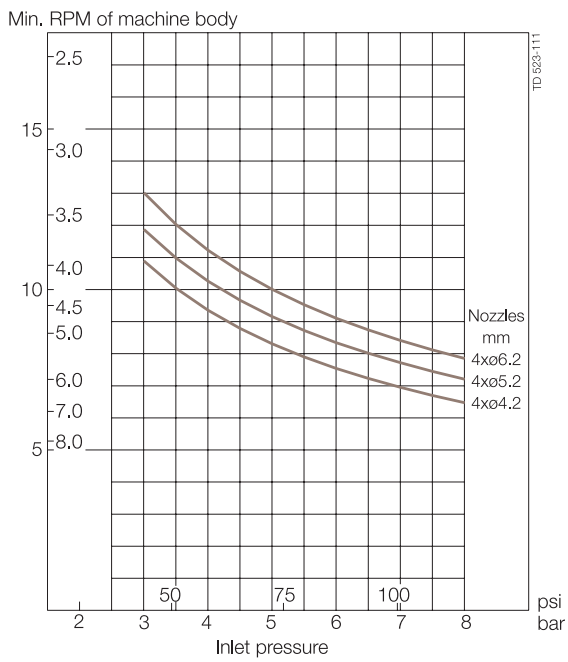
A: Wetting

B: Impact cleaning

Dimensions (mm)



Cleaning Time, Complete Pattern



ESE00311ENUS 0705

The information contained herein is correct at the time of issue,
but may be subject to change without prior notice.

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are continually updated on our website.
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