



Gunclean Toftejorg TZ-75

Tank and hold cleaning machine

The Gunclean Toftejorg TZ-75 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 from cleaning tanks.

Application

Storage and transportation tanks between 1,000 and 5,000 m³ (264,000 and 1,321,000 US gallons). Used on chemical and product tankers and in petro-chemical and chemical processing industries. The TZ-75 fixed and portable equipment is widely used in product carriers.

Operation

The flow of the cleaning fluid makes the nozzles perform a geared rotation around the vertical and horizontal axis. In the first cycle, the nozzles lay out a coarse pattern on the tank surface. The following cycles make the pattern gradually more dense until a full pattern is reached after 4 cycles.

Options

- Inlet flange.
- The choice of nozzle diameters can optimize jet impact length and flow rate at the desired pressure.
- Optional hose saddle, deck cover plate, hose winch extension pipe etc. are available.
- Longer jet lengths using special cleaner head and nozzles.
- Alternative thread connections available on request.

Retrofit

Can be supplied with adaptor flanges or threads to fit existing extension pipes.

Regulations

The equipment fully complies with the IMO regulations and the requirements of the classification societies.

Ordering information

Please specify nozzle size, inlet/guide configuration, connections and confirm application suitability.

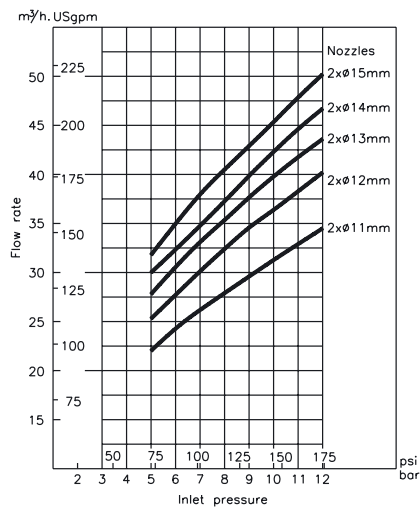


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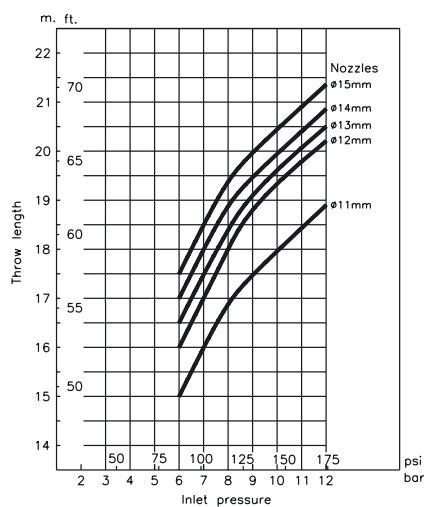
Specifications

Materials, main parts	Stainless steel AISI 316L
Weight	
Portable model	11.3 kg (25.1 lbs)
Fixed with flange	13.9 kg (30.9 lbs)
Fixed without flange	10.3 kg (22.9 lbs)
Lubricate	Self-lubricating with the cleaning fluid
Working pressure	5–12 bar (72–174 psi)
Recommended pressure	5–10 bar (72–145 psi)
Capacity	18–48 m ³ /hour
Max. working temperature	95°C (203°F)
Installation	
Fixed	Standard flange Ø 127-PC 98.5 – 4 x Ø 11 mm (0.43") holes
Portable	Standard thread 2 1/2" ASA, 2" BSP, 2" NPT
Minimum required passage	See dimension drawings

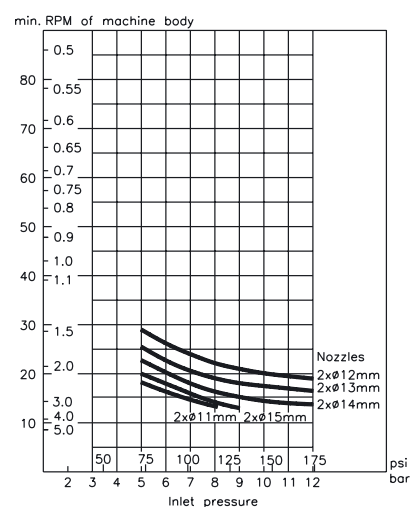
Performance data: Flow rate



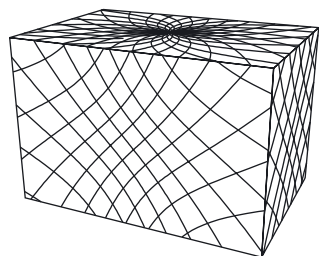
Recommended design throw length at static condition



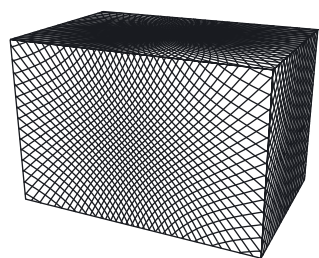
Cleaning time, complete pattern



Cleaning pattern

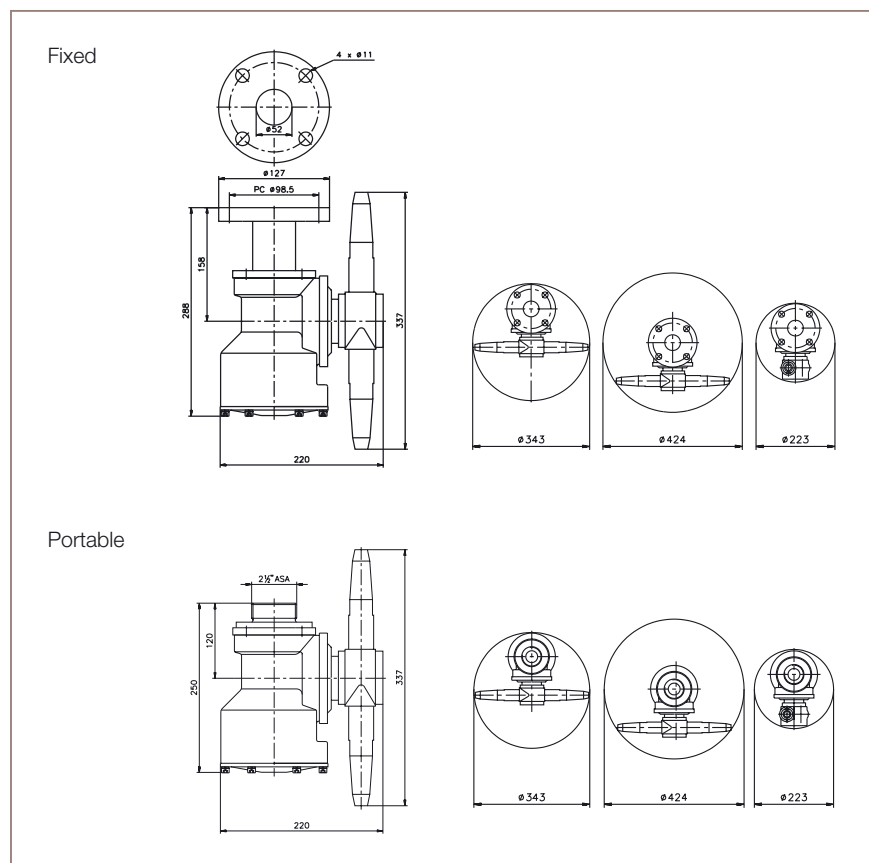


First cycle



Full pattern

Dimensions (mm)



EMD00023EN 0511

Alfa Laval reserves the right to change specifications without prior notification.

How to contact Alfa Laval

Up-to-date Alfa Laval contact details for all countries are always available on our website at www.alfalaval.com