



# Gunclean Toftejorg SSt40T

## Tank and hold cleaning machine

The single stage system Sst40T is an externally turbine driven dual nozzle tank cleaning system with built-in speed regulation. It is automatic and represents a guaranteed means of achieving quality assurance from cleaning tanks.

### Application

The Gunclean Toftejorg Sst40T is widely used for fixed installation in 3 versions: Chemical version, Product version, and Offshore version.

The unit offers the possibility to operate with minimum consumption in accordance with the latest IMO legislation for prewash. The rotation speed can be adjusted.

### Operation

External drive with built in speed regulations provides flexibility in rotation speed and cleaning time. 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.

The unit is service friendly and can irrespective of length be overhauled from the deck, even with cargo in the tank. Double sealings and cofferdam ensure, tight safe sealing against cargo.

### Options

- Split extension pipe.
- Air driven.
- 2" ball valve with strainer and 1 1/2" CamLock coupling (male) with cap / 1 1/2" ASA thread.
- Hose with couplings as spool piece.
- Swivel for electric derivation.
- Deck flange up to 460 mm.
- Available in various lengths without support to the nearest bulk headed.
- Longer jet lengths using special cleaner head and nozzles.
- Sensor connection for all cargo control systems.

### Ordering information

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

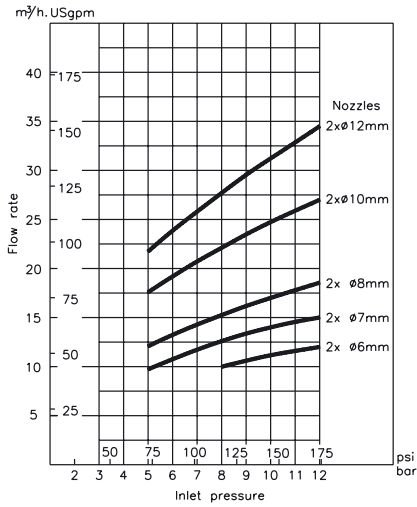


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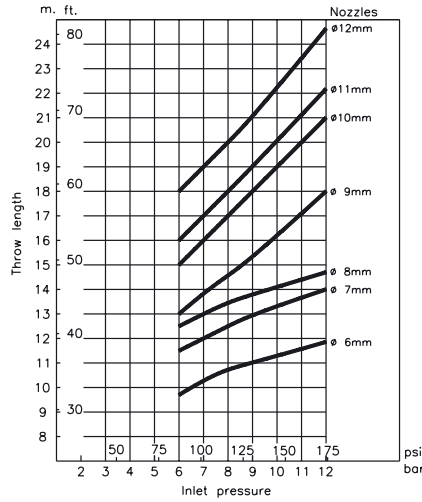
### Specifications

Materials, main parts	AISI 316L as standard designed for specific cargo gravity 2,000 kg/m <sup>3</sup>
Weight	L = 1 m: 49 kg (108 lbs) with ball valve 54 kg (119 lbs) L = 5 m: 98 kg (216 lbs)
Lubricate	Oil
Working pressure	5–12 bar (43–175 psi)
Capacity	Min. 10 m <sup>3</sup> /h. Max. 35 m <sup>3</sup> /h (max. for non inerted tanks up to 3,000 m <sup>3</sup> , Solas Chapt. II-2, part D, reg. 55.5.4.2)
Max working temperature	95°C (203°F)
Sealing	
Inert gas	0–0.7 bar (0–10 psi)
Cleaning fluid	0–12 bar (0–174 psi)
Installation	Fixed
Draining	Self draining after cleaning

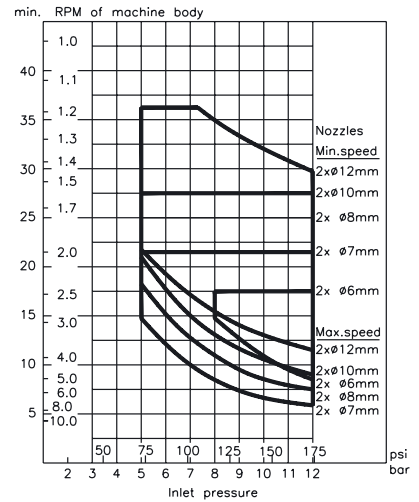
**Performance data:**  
**Flow rate**



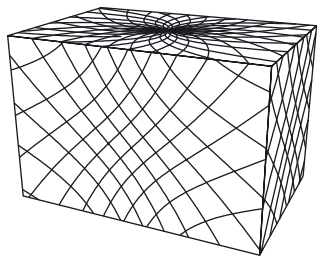
**Recommended design throw length at static condition**



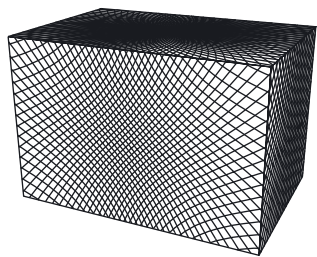
**Cleaning time, complete pattern**



**Cleaning pattern**

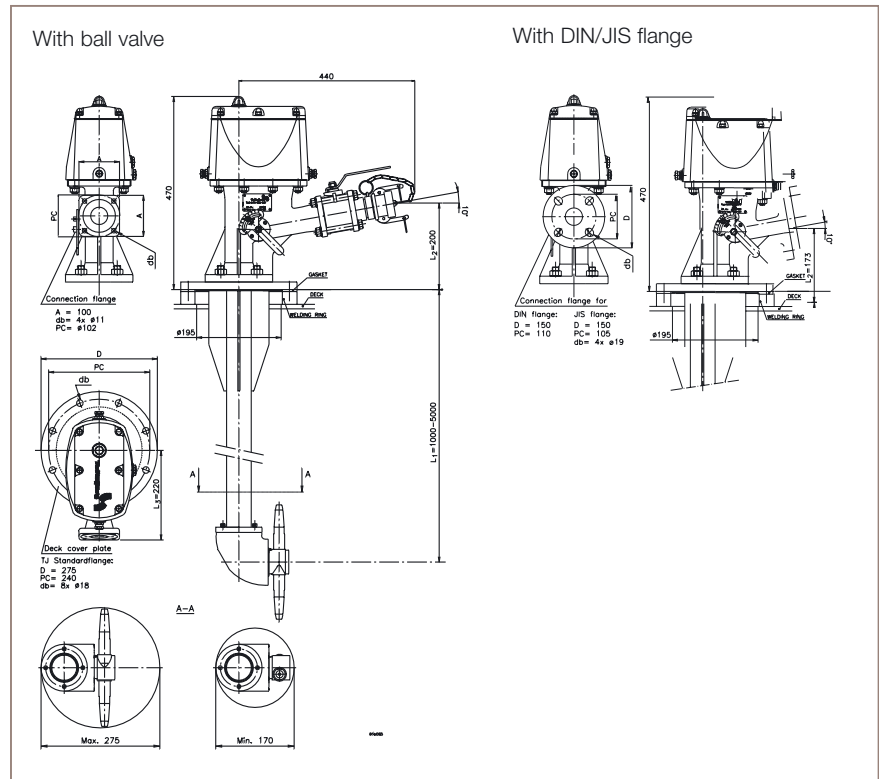


First cycle



Full pattern

**Dimensions (mm)**



EMD00026EN 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](http://www.alfalaval.com)