

Alfa Laval SaniMega SB 3-A

Rotary Spray Head

Application

The Alfa Laval SaniMega SB 3-A is a rotary spray head tank cleaning machine for hygienic environments. Designed to clean tanks from 40 - 400 $\rm m^3$

The Alfa Laval SaniMega SB 3-A minimizes the consumption of water and cleaning media. Easy to customize to meet customer requirements, the SaniMega SB 3-A allows companies to spend less time cleaning and more time producing.

The SaniMega SB 3-A is authorized to carry the 3-A symbol.

Application

The Alfa Laval SaniMega SB 3-A is designed for the removal of residues from hygienic tanks across the dairy, brewery, distillery, beverage, food, personal care and many other industries.

Benefits

- 40% faster cleaning = more time for production
- Saves up to 40% of your cleaning cost
- Dynamic cleaning performance and 360° full wetting
- Easy to retrofit traditional spray balls to a more economical solution

Standard design

Different choice of spray patterns suitable for various applications and tank designs, ranging from simple tanks to more complex tanks with structures such as agitator and baffles. The SaniMega SB 3-A is lubricated by the cleaning media.

Working principle

The flow of the cleaning media causes the head of the Alfa Laval SaniMega SB 3-A to rotate, and the fan-shaped jets layout a swirling pattern throughout the tank or reactor. This generates the wetting/impact needed for the efficient removal of the residual product; the cascading flow covers all internal surfaces of the vessel.



Spray Pattern





360°

270° u

Certificates

2.2 materiale certificates, Q-doc, 3-A and ATEX









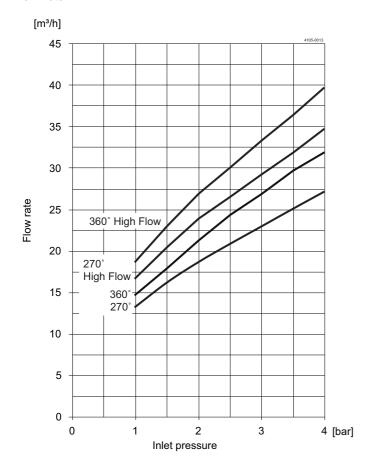


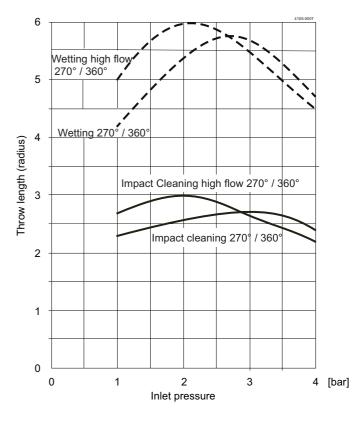
TECHNICAL DATA

Pressure			
Wasting radius: Max. 6 m Max. 3 m	Lubricant:		Lubrication by rinse/cleaning fluid
Pressure		S:	
Morking pressure: 1-4 par			Max. 3 m
Morking pressure: 1-4 par	Proceuro		
Recommended pressure: PHYSICAL DATA Materials Motarials Motarials parts: Motallic parts: Motarials parts: PERK 4503* **FDA compilance 21CFR§177 Surface finish: Ra 0.8µm Temperature Wax. working temperature: 95°C Max. ambient temperature: 150°C Weight: 0.61 kg Connections Clip-on: 2° BPE US Clip-on: 2° BPE US Clip-on: 2° BPE US Clip-on: 5° Clip Easy-on/off clip (ø5.0 mm). Clip needed for both clip-on and weld-on versions to assemble the machine. Recommended tank size: 50-350 m² Qualification Documentation Documentation specification Documentation		SIII.	1-4 har
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II 1D Ex h IIIC T85°CT140°C Da			
	3-A	3-A number: 78-##. Spray Cleaning Devices	

Flow Rate

Cleaning radius





For Clip-on models, the flow rate is increased by approx. 2 m^3/h .

Dimensions (mm)

Type	Α	В	G	E	ID	OD	t	Clip
Clip-on 2" BPE US	121	ø 67.4	ø5.1	25.4	ø51.1			ø 5.0
Weld-on** 2" BPE US	141.6	ø 67.4				ø50.8	1.2	

^{**} Weld-on version only meets the requirements of the 3-A Hygienic Standard 78-# # if installed according to the user manual.

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

How to contact Alfa Laval

Contact details for all countries are continually updated on our website. Please visit www.alfalaval.com to access the information direct.