

# Bio 5SB

Scanjet tank cleaning equipment



## KEY FEATURES

- + Rotating spray
- + 360° cleaning pattern
- + Ideal for small tanks
- + Low pressure
- + Low use of cleaning medium

The Scanjet Bio 5SB is a new type of Rotary Spray Head (RSH) tank cleaning device. Compared with conventional static devices, the Bio 5SB is very efficient, saving water and chemicals while improving cleaning effectiveness. The Bio 5SB employs a unique fluid bearing rotary mechanism, with a service life two to three times that of traditional ball bearing rotary devices.

The choice of either a clip-on (pin), weld-on or threaded connection means the Bio 5SB is always easy to install, whether building a new CIP tank cleaning system or upgrading an existing one based on ordinary static or rotary spray devices.

With 360° impact coverage, self-cleaning and self-draining features, the Bio 5SB design follows EHEDG and GMP guidelines, and can be supplied with EN10204-2.1, 2.2 or 3.1 material and FDA 21CFR compliance certificates. The Bio 5SB-XXX-A clip-on and weld-on versions have attained 3A certification under sanitary standard 78-01. Surface finish roughness supplied as standard is  $R_a = 0.8 \mu\text{m}$  (30  $\mu$  inch); other surfaces are available upon request.

The Bio 5SB can be used in conjunction with the Scanjet WASHTRAC sensor to monitor and verify its operation and performance.

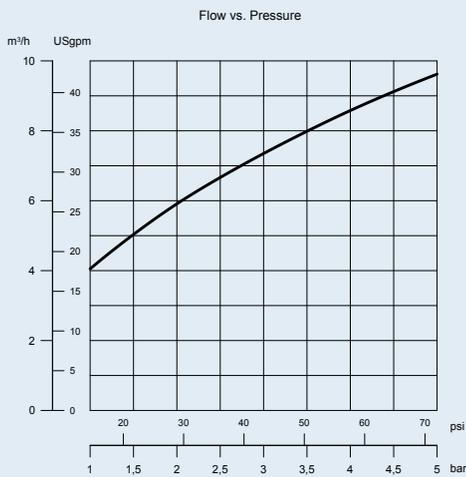
The Bio 5SB is the first choice for anyone looking for the most advanced Rotary Spray Head tank cleaning device available.

The Scanjet Bio 5SB Rotary Spray Head can be used in a wide range of applications, including:

- + Mixing vessels
- + Blending tanks
- + Beverage tanks
- + Dairy tanks
- + Yeast tanks
- + Reactors
- + IBCs

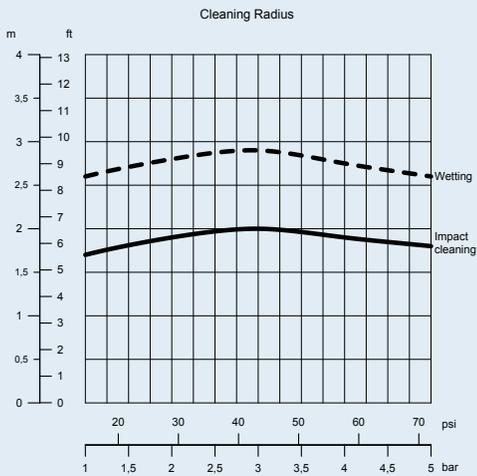


## Technical performance



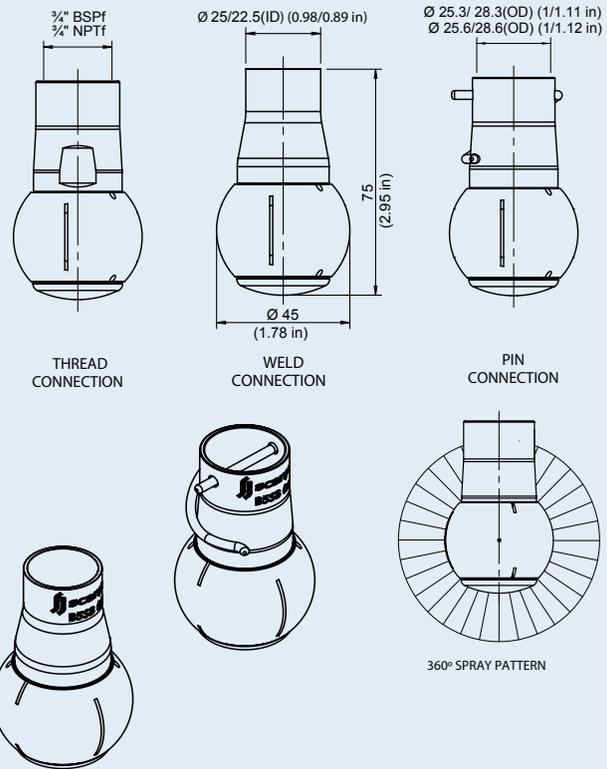
\* Clip-on models have approx. 0.5 m³/h higher flow rate

### Pressure/Flow



### Cleaning radius

## Dimensions



## Specifications

|                         |  |
|-------------------------|--|
| Flow*                   | 4.1-9.8 m³/h (18-43 USgpm)                           |
| Inlet pressure          | 1.5 bar (14-72 psi)                                  |
| Max pressure            | 5 bar (72 psi)                                       |
| Recommended pressure    | 3 bar (43 psi)                                       |
| Max working temperature | 95°C (200°F)   |
| Max ambient temperature | 150°C (300°F)  |
| Weight                  | 137-175 g (4.83-6.17 oz)                             |
| Connections             | 3/4" NPT or BSP<br>Weld connection<br>Pin connection |
| Material                | EN1.4404/PEEK  |
| Lubrication             | Self lubricated by media                             |



Scanjet Systems AB  
P.O. Box 9316  
SE-400 97 Göteborg Sweden  
Phone + 46 31 3387530  
Fax + 46 31 3387540  
E-mail sales@scanjetsystems.com  
Web www.scanjetsystems.com

\* Because of variations in part wear, water temperature, installation etc., the flow may differ ±10% from specified value.  
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