

TURBO SSB 40

- Slow, constant rotation
- Excellent 360° spray pattern
- insensitive slide bearing
- FDA conform and ATEX exempt
- High operational safety



- mechanical cleaning effect
- Highly efficient jets
- pressure range 2 – 5 bar
- cleaning diameter up to 3 m
- flow rate 35 – 62 lpm
- Installation opening from 38 mm

The Turbo SSB 40 is a slowly rotating rotary nozzle. During operation, liquid flowing through it sets the spherical head into a steady braked rotation. In the process, flat jets of liquid with a long range emerge through slots. The slow rotation of the nozzle favours an effective bundled liquid impact with a high impact effect. This achieves a cleaning effect of up to 3 metres in diameter. The Turbo SSB is equipped with an extremely low-wear slide bearing system that is permanently flushed with liquid, thus achieving extremely long service lives. Even brief exposure to steam or compressed air does not cause any damage.

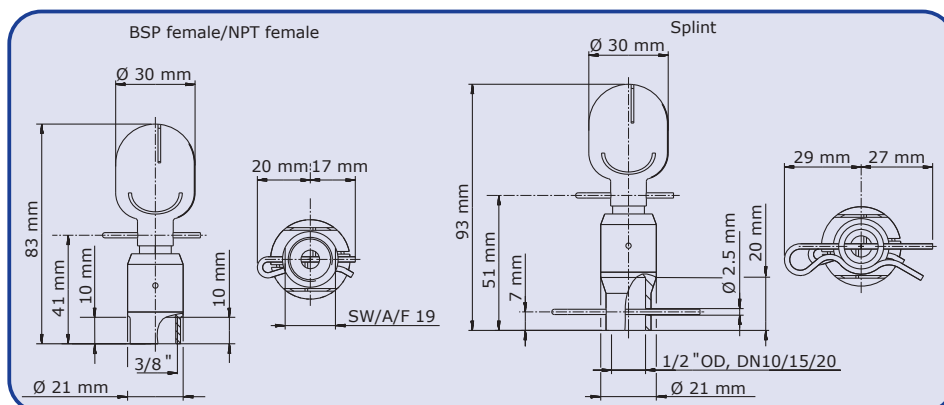
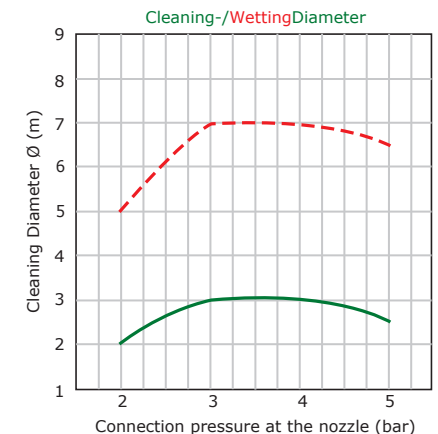
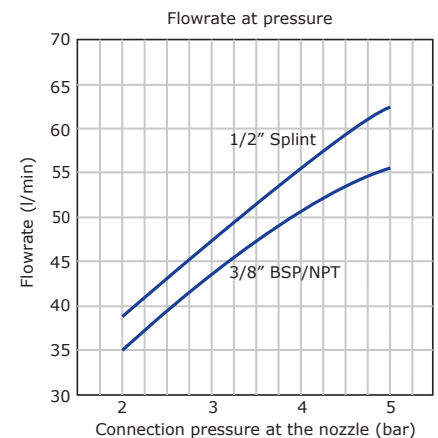
Even after years of permanent use in a wide variety of industrial applications, no operational failures caused by wear have been detected. The nozzle can be easily cleaned of solids by means of a removable ball head. The Turbo SSB meets the highest hygiene standards as well as FDA requirements and is suitable for use in potentially explosive atmospheres.

Turbo SSB are available in 3 sizes and many connection types. Common applications for Turbo SSB 40 rotary nozzles are found in the dairy, food, beverage, pharmaceutical and chemical industries for cleaning production, process or transport containers.

We recommend installing a 500 micron filter/screen in the CIP supply line close to the nozzle to protect it from clog-
ging or damage by particles.

Technical data:

Max. cleaning diameter:	3 meter (9.8 ft)
Spray pattern:	360°
Pressure range:	2 – 5 bar (29 – 72.5 psi)
Flow rate:	35 – 62 LPM (2.1 – 3.7 m³/h) (9.2 – 16.4 US gpm)
Insertion opening:	BSP/NPT min. Ø
38mm	(1.5 Inch), Pin Fix min. Ø 57mm (2.24 Inch)
Preferred mounting position:	vertical down preferred
Weight:	approx. 0.12 KG (0.26 lbs)
Materials:	Stainless Steel 316L (1.4404), C.PTFE, PTFE
Pipe connection:	3/8" BSP (NPT) female
Optional Pipe Connections:	1/2" OD Splint (12.7x1.6mm), DN10 Splint (13x1.5mm), DN15 Splint (19x1.5mm), DN20 Splint (23x1.5mm)
Nozzle characteristics:	Ball with slots
Certifications:	3.1, 2.2, ATEX, FDA, Regulation (EC) No 1935/2004
Max. operating temperature:	90°C (194°F)
Max. ambient temperature:	140°C (284°F), 30Min.



The data, technical data and information presented do not release the user from the obligation to check the suitability of the products supplied for the intended application. All information is without guarantee. (Status: 28.02.2022-71427321893-1888948-71042)