



# TYPHOON

- FDA & ATEX at the same time
- very strong cleaning effect
- compact dimensions
- also with rotation control



- validatable cleaning process
- Cleaning diameter up to 16 m
- flow rate between 45 – 97 lpm
- energy-saving drive technology
- installation opening only 100 mm
- no ball bearings, self-cleaning
- function monitoring with SMW 100, Vericlean
- various connection options

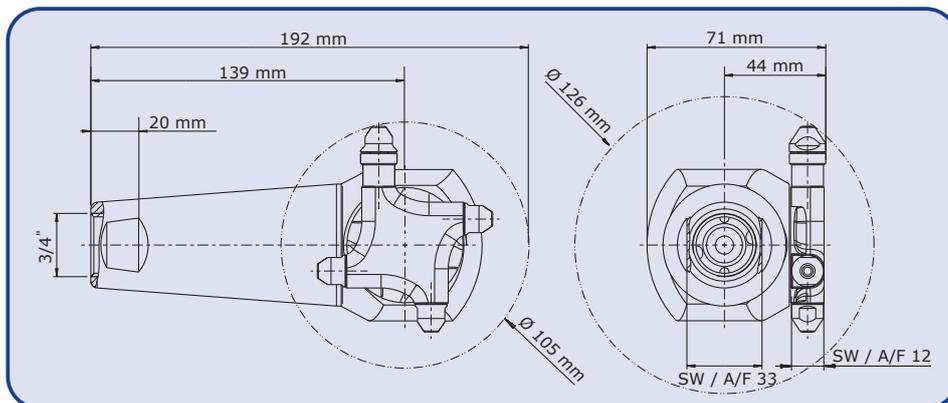
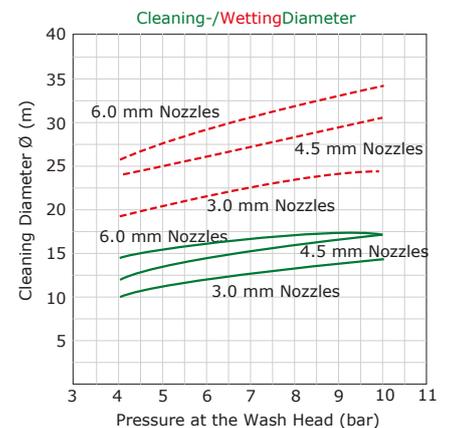
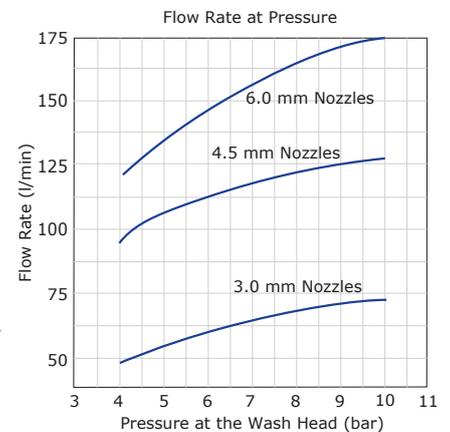
The Typhoon is a powerful target jet cleaner with an orbital 360° spray pattern. The Typhoon is driven by the cleaning medium at a pressure of 4 to 8 bar. Turbine-driven, a radial and axial rotation of the nozzle head is generated. This produces jets of liquid directed through four nozzles with a strong impact effect up to a diameter of 17 metres. By circulating liquid jets, a completing spray pattern with full coverage is thus achieved within 3.5 to 6 minutes. Thanks to optimal flow control, a smooth-running mechanism without ball bearings and a hygienic sealing concept, the energy used on the unit unfolds into a powerful cleaning effect.

The orbital cleaning behaviour enables the best possible use of the cleaning liquid or chemical additives. For use in hygiene-sensitive areas, the unit keeps itself permanently clean with a self-cleaning nozzle and empties itself automatically after use in vertical operation. The use of the unit is always resource-saving and requires minimal wear and maintenance.

The Typhoon meets the highest hygiene and safety standards and can be used in EX zones and FDA applications at the same time. During a long service life, this device will always prove to be a reliable partner for your cleaning tasks. Typhoon orbital cleaners are available in many connection variants. Optionally, the cleaning process of a Typhoon can be permanently and non-invasively monitored by SMW 100 or Vericlean. The Typhoon is one of the latest and most effective developments on the market for cleaning technology. Frequent areas of application for this product are tanks and containers in brewing, beverage, dairy, food, pharmaceutical, chemical and transport industries, pharmaceutical, chemical and transport industries.

## Technical data:

max. cleaning diameter:	17 meter (55.8 ft)
Spraypattern:	360° orbital
Pressure Range:	4 – 10 bar (58 – 145 psi)
Flowrate:	45 – 97 LPM (2.7 – 5.8 m³/h) (11.9 – 25.6 US gpm)
Insertion Opening:	min. Ø ≤ 130 mm (5.12 Inch)
Preferred Mounting Position:	Any angle
Weight:	approx. 2.8 KG (6.17 lbs)
Material:	Stainless Steel 316L (1.4404), C.PTFE, PTFE, C.PEEK
Pipe Connection:	1" BSP (NPT) female
Optional Pipe Connections:	3/4" BSP/NPT female, 1.5" BSP/NPT female, 1" OD Splint (25.4x1.6mm), 1.5" OD Splint (38.1x1.6mm), DN40 Splint (41.15x1.5mm), 1.5" Clamp
Nozzle configuration:	4 x 3,0 mm, 4 x 4,0 mm Nozzles
Certificates:	3.1, 2.2, ATEX, FDA, Regulation (EC) No. 1935/2004
max. Operating temperature:	95° C (203°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)