

TURBODISC

- no ball bearings
- flexible flow rates
- absolutely hygienic and safe
- low maintenance



- New development, patented design
- FDA or ATEX possible at the same time
- very few individual components
- uniform cleaning pattern
- pressure range 2 – 4 bar
- Cleaning diameter up to max. 5 m
- flow rate between 40 – 245 lpm
- also available as CHEMIDISC version
- maintenance-free for many years



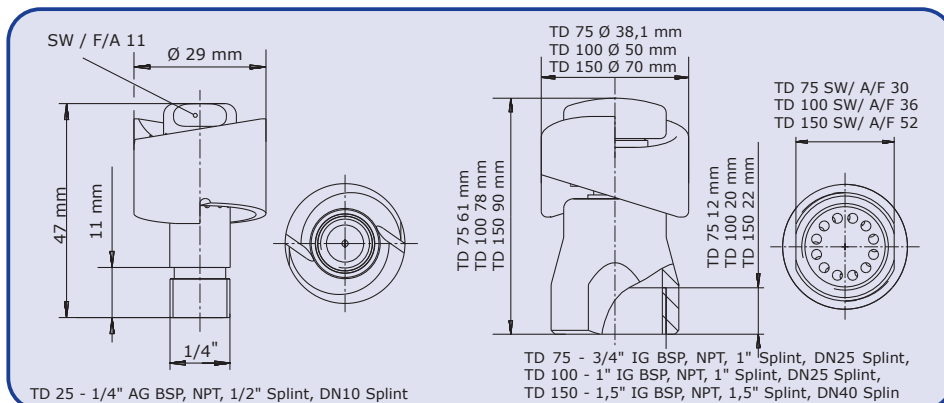
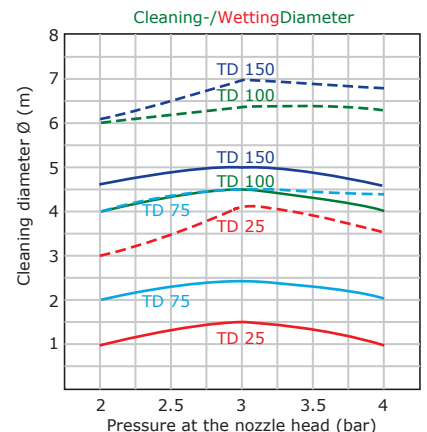
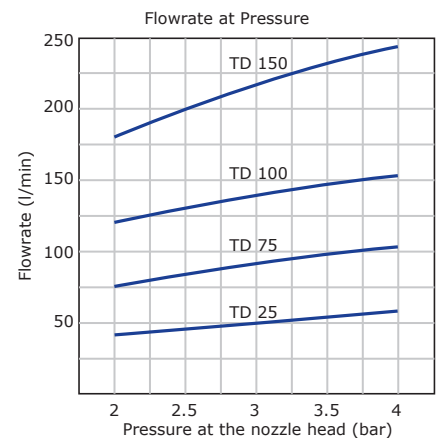
The TURBODISC is a fast rotating tank cleaner that is perfect for replacing static spray balls. In this way, the consumption of liquid or the time required for cleaning can often be significantly minimised. In operation, the cleaning medium drives the rotor, which rotates frictionlessly and at high speed on a bearing of cleaning liquid. This turns into many high-energy drops that are hurled at high speed simultaneously against all areas around the cleaning nozzle. A spherical spray pattern is created around the nozzle.

TURBODISC tank cleaners are ideal for impact rinsing and can be operated at any angle. Thanks to the TURBODISC's plain bearing system, these nozzles can often be used for years with virtually no wear. The TURBODISC promises exceptional service life even when used with compressed air or superheated steam sterilisation and high temperatures.

The TURBODISC is also available in plastic as the CHEMIDISC and in a conical funnel as the TURBOCW25/75 for cleaning of target areas. A wide range of types is available in different sizes and designs. Areas of application: Brewery, beverage, milk processing, food, pharmaceutical, chemical and transport industries. Rinsing and cleaning of containers, tanks or plant components of various dimensions, process containers, reactors, dryers, granulating apparatus, storage tanks, coating machines and tank containers.

Technical data:

max. cleaning diameter:	TD25/75/100/150, 1,5/2,4/4,5/5 meter
Spraypattern:	360° and 180° up-, downwards
Pressure Range:	2 – 4 bar
Flowrate:	TD25 40 – 60 LPM, TD75 75 – 105 LPM, TD100 120 – 158 LPM, TD150 180 – 245 LPM (2,4 – 14,7 m ³ /h)
Insertion Opening:	TD25/75/100/150, min. Ø 31/41/55/75 mm
Preferred Mounting Position:	Any angle
Weight:	TD25/75/100/150, ca. 0,05/0,19/0,44/0,95 KG
Material:	Stainless Steel 316L (1.4404), C.PTFE, PTFE, C.PEEK, PEEK, Hastelloy C22
Pipe Connection:	BSP/NPT/NPS Female, DN Split Pin
Nozzle characteristic:	Rotating disc
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)