SNP THE SPRAY NOZZLE PEOPLE

HYDROWHIRL® MINI

Small Rotary Nozzle
PVDF

BETE PERFORMANCE SPRAY ENGINEERING

TANK WASH

DESIGN FEATURES

- Fluid-driven, self-flushing
- Durable compact design, maintenance-free
- Made from FDA-compliant PVDF material
- Corrosion-resistant
- Hydrostatic wear free slide bearing
- Threads available: 1/2" NPT/BSP female

SPRAY CHARACTERISTICS

- Vigorous spray action
- Spray Angles: Complete 360° spray coverage
- Flow Rates: 10.9 to 33.5 L/min
- Max Temperature: 90°C
- Filtration: Line strainer with a mesh size of 0.3mm/50 mesh

Contact us for additional connection types

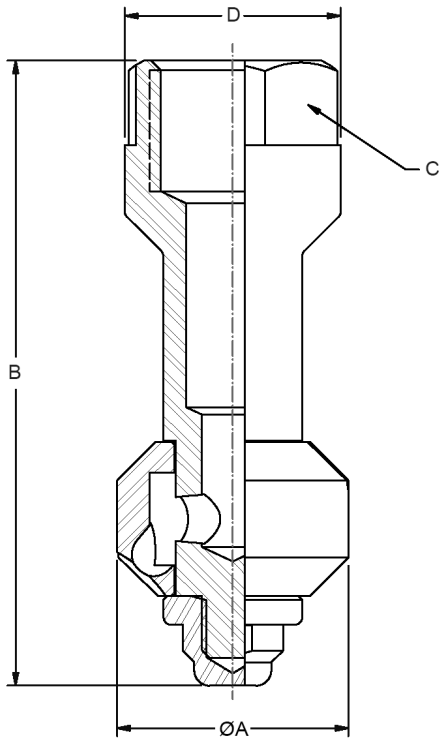


The HydroWhirl® Mini PVDF tank cleaning nozzle directs the cleaning water through a rotating head at the tip of the spray assembly and produces a vigorous moving spray action against all areas of the tank wall.

The spray pattern from the HydroWhirl Mini head uses impact and repetition to wash the tank quickly. Its compact size and corrosion resistant material make it ideal for cleaning harsh chemical residues in small spaces such as pipes and processing equipment.

CALL NOW : +44 (0) 1273 400092

www.spray-nozzle.co.uk



DIMENSIONS IN MILLIMETRES

Connection Size	A	B	C	Weight grams
1/2”	30.5	81.3	22.9	31.1

HYDROWHIRL® MINI Flow Rates

Standard Materials: PVDF

Female Connection Type	Nozzle No	Spray Angles	Flow Rate (L/Min) @ Bar						Coverage Dia. @ 3 Bar
			0.5 bar	0.7 bar	1 bar	2 bar	3 bar	4 bar	m
1/2” NPT/BSP	HWM 7.2	360°	10.9	13.0	15.8	23.0	28.7	33.5	2.0

*Flow rates represent threaded connections with a 360° spray angle.
*Flow rates may vary for other connection types and spray angles.

Ask our technical sales engineers about additional products and services to optimise your spraying process.

Spray Calibration Solutions

Easy-to-use, fast measurement solutions to ensure accurate nozzle installation and maintenance, reduce water wastage and identify nozzle wear.



Spray Pattern & Droplet Distribution



Nozzle Flow Calibrators



Nozzle Cleaning Kit

Complete Spray Bars

Tailored nozzle selections and spray bar designs that integrate seamlessly with your new or existing setup.

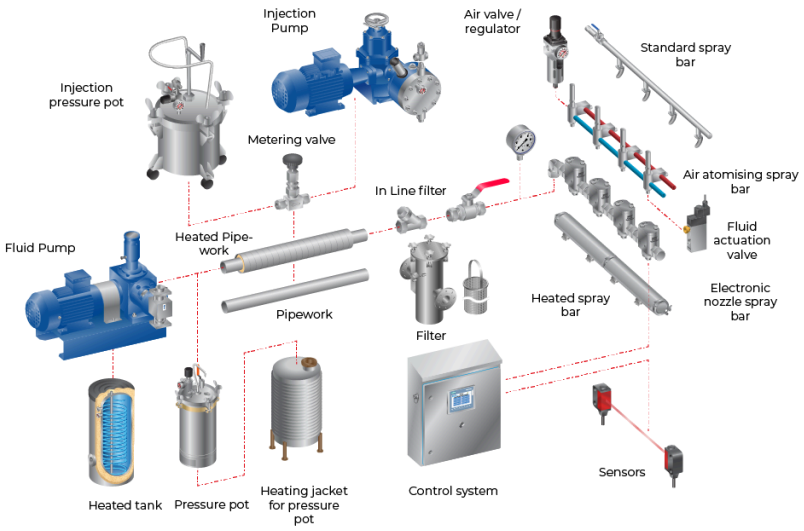
- **Expert nozzle selection and placement**
- **Efficient spray coverage**
- **Fast turnaround time**
- **Reduced design burden**
- **High-quality spray bars**



Complete Custom Spraying Systems

Complete spraying systems built around your goals and application.

- **Tailored upstream components supplied individually or as part of complete system**
- **Custom pipework, pumps, tanks, sensors, valves, heating, control panels and more**
- **Seamless integration with existing processes**
- **Built to budget and ROI targets**
- **End-to-end support: design, install, maintain**



THE GO-TO PEOPLE FOR SUCCESSFUL SPRAY ENGINEERING