

TURBODISC Tankwashers

The 25, 75, 100 and 150 Units



The Perfect Sprayhead

- High Speed Wash
- Low Flow Rates
- Wide Choice of Sizes
- No Ball Bearings
- Custom Design
- Reduced Down Time
- Reduced Effluent Cost
- Eliminates Multiple Suppliers
- Non Seize - No Shedding Fragments
- 360° & 180° Wash Pattern

Versatile & Unique

The **TURBODISC** is the most powerful and economic range of tankwashers in its class. Unique in design, it is ball bearing free and has only one moving part, a rotating disc which instantly converts the wash fluid

into a sphere of fast moving droplets. Total surface cover is achieved as fast moving droplets simultaneously cover the entire surface of the tank, inlet pipe and point of entry where contamination frequently occurs.

Applications

The **TURBODISC** range offers a wide choice of models in 316, 316L stainless steel and Hastelloy C22. They are suitable for cleaning small and medium size process vessels, reactors, driers, granulators, storage tanks, tablet coating machines and IBCs. Compact in design, effective in performance, they meet all the

essential FDA requirements of hygiene and product purity. Used in food, beverage, biotech, pharmaceutical and other hygiene conscious industries their cost effective reliability is recognised worldwide and specified by end users, OEMs and contract design companies. **TURBODISC** tank washers are ideal for burst rinsing and can be placed into the tank at any angle.





TURBODISC

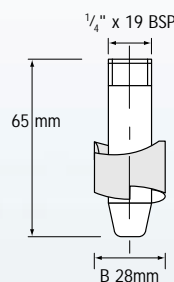
Technical data

Materials of construction	Stainless Steel 316,316L, Hastelloy, CRR, C-PTFE, PTFE, PEEK
Max. operating temperature	95° Centigrade
Max. ambient temperature	140° Centigrade
Standard threads	BSP, NPT, Clip Pin Fix, Weld

From a known input pressure, read off from the charts below the flowrate and wash radius.

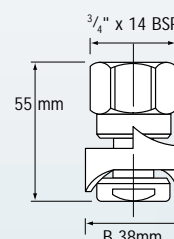
Pressure BAR	Litres per Minute	Cleaning Radius	Wetting Radius
2.0	40	0.5m	2.0m
2.5	46	0.5m	2.0m
3.0	50	0.5m	2.0m
3.5	55	0.5m	2.0m
4.0	58	0.5m	2.0m

TURBODISC 25



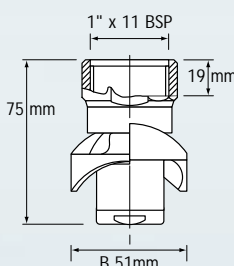
Pressure BAR	Litres per Minute	Cleaning Radius	Wetting Radius
2.0	75	1.0m	2.0m
2.5	86	1.0m	2.0m
3.0	92	1.0m	2.0m
3.5	98	1.0m	2.0m
4.0	104	1.0m	2.0m

TURBODISC 75



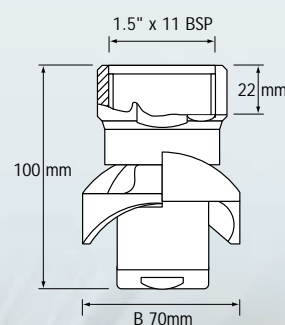
Pressure BAR	Litres per Minute	Cleaning Radius	Wetting Radius
2.0	120	2.0m	3.0m
2.5	128	2.0m	3.0m
3.0	141	2.0m	3.0m
3.5	149	2.0m	2.5m
4.0	158	2.0m	2.5m

TURBODISC 100



Pressure BAR	Litres per Minute	Cleaning Radius	Wetting Radius
2.0	179	2.3m	3.0m
2.5	200	2.3m	3.2m
3.0	214	2.3m	3.5m
3.5	227	2.3m	3.5m
4.0	241	2.3m	3.0m

TURBODISC 150



Operation

Wash fluid entering the TURBODISC is directed onto the precision shaped disc. Hydraulic bearings allow the disc to rotate friction free at high speed and the wash fluid is distributed in a dense spray. Performance is instant, impact strong, coverage total. Turbodiscs are supported technically by the Breconcherry global technical network. TURBODISC tankwashers are ideal for burst rinsing and can be placed into the tank at any angle.



360° wash pattern



180°A downwards wash pattern



180°T upwards wash pattern

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QUALITY • PERFORMANCE • SERVICE

For optimal efficiency use a pre-filter or strainer to prevent particulate clogging

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