

**TANKJET® MICROROKON D41990
TANK CLEANING NOZZLE**

FEATURES AND BENEFITS

- Cost effective and environmentally friendly low-pressure, low-volume rinsing of small tanks and containers
- Less maintenance due to fluid-driven reactionary force nozzle no motor source needed to drive spray head
- Micro-size nozzle fits into very small tank openings – as small as 35 mm
- All stainless steel construction for long wear life and corrosion resistance
- Suitable for high-temperature applications up to 130 °C
- ATEX-certified versions available
- Steam-proof versions with PEEK bearing available

IDEAL FOR CLEANING:

- Chemical tanks
- Beverage tanks
- Canisters
- Food tanks
- Keg/drum
- Tote/container

SPECIFICATIONS

TankJet® MicroRokon D41990 Tank Cleaning Nozzle	
Max. tank diameter:	5.0 m
Operating principle:	Fluid-driven reactionary force
Flow rate:	29 to 141 l/min
Operating pressure:	1 to 4 bar
Max. temperature:	130 °C
Materials:	1.4404 (316L stainless steel) or 1.4404 with PEEK bearing
Inlet connection:	3/8", 1/2", 3/4" NPT or BSPT (F), CIP 182, 192 or 252
Required strainer:	Recommended mesh size: < 80 µm See chapter E



SPRAY COVERAGE	
A	180° Up
B	180° Down
E	360°

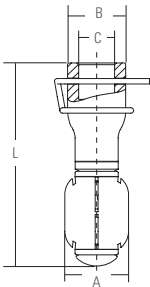
MOUNTING OPTIONS		
Vertical	↑	↓
Horizontal	←	→
45° Up	↖	↗
45° Down	↙	↘

PERFORMANCE DATA

Inlet Conn.	Capacity Size	Capacity (l/min)					
		1.0 bar	1.4 bar	2.1 bar	2.8 bar	3.4 bar	4.1 bar
3/8"	13.6	28.5	33	40	45	49	53
1/2"	15	34	40	48	55	60	65
3/4"	21	48.5	57	68	78	95	92
CIP182	24	51.5	61	74	85	93	100.5
CIP192	32	76	88	105	120	130	141



DIMENSIONS AND WEIGHTS

MicroRokon D41990 Tank Cleaning Nozzle	Capacity	Inlet Conn. Size*	L (mm)	A (mm)	B (mm)	C (mm)	Pin Length (mm)	Min. Tank Opening (mm)	Weight (kg)
	13.6 15 21 24 32	3/8" 1/2" 3/4"	111	Ø34	Ø31	Thread	--	35	0.36
		CIP182				18.2			
		CIP192				19.2			
		CIP252				25.2			

ORDERING INFORMATION

TANKJET MICROROKON D41990

D41990	E	182	A4	16	P	EX	
--------	---	-----	----	----	---	----	--

<p>↓</p> <p>↓</p> <p>↓</p> <p>↓</p> <p>↓</p> <p>↓</p>	<div style="border: 1px solid gray; padding: 5px; margin-bottom: 10px;"> <p>Modifications:</p> <p>Blank = Standard version</p> <p>EX = Meets the European ATEX standard for use in explosive environments</p> </div> <div style="border: 1px solid gray; padding: 5px; margin-bottom: 10px;"> <p>Surface quality:</p> <p>Blank = Standard version</p> <p>P = Outer surface polished (Ra ≤ 0.8 µm)</p> <p>X = Partially electropolished (Ra ≤ 0.5 µm; bearings polished Ra ≤ 0.8 µm)</p> </div> <div style="border: 1px solid gray; padding: 5px; margin-bottom: 10px;"> <p>Capacity size:</p> <p>13.6 15 21 24 32</p> </div> <div style="border: 1px solid gray; padding: 5px; margin-bottom: 10px;"> <p>Material code:</p> <p>A4 = 1.4404</p> <p>A4/P¹ = 1.4404 / PEEK bearings (glued)</p> </div> <div style="border: 1px solid gray; padding: 5px;"> <p>Inlet connection:</p> <p>3/8 = 3/8" NPT</p> <p>B3/8 = 3/8" BSPT</p> <p>3/4 = 3/4" NPT</p> <p>B3/4 = 3/4" BSPT</p> <p>1/2 = 1/2" NPT</p> <p>B1/2 = 1/2" BSPT</p> <p>182 = CIP Ø 18.2 mm</p> <p>192 = CIP Ø 19.2 mm</p> <p>252 = CIP Ø 25.2 mm</p> <p>257 = CIP Ø 25.7 mm</p> </div>
---	---

Spray coverage:

A = 180° up

B = 180° down

E = 360°

¹ = Not available in ATEX