TANKJET® D40159 AND D26984 TANK CLEANING NOZZLES

TANKJET D26984 AND D40159 TANK CLEANING NOZZLE FEATURES AND BENEFITS

- Driven by the flow of the cleaning liquid, three flat sprays mounted in a rotating spray head rotate at a near-constant speed of 2 to 30 rpm over a wide range of fluid pressures and deliver as much as four times the impact of conventional rotating nozzles
- Slow, controlled rotation provides extended dwell time on tank surface making these nozzles ideal for cleaning, sanitizing and foaming applications
- Sanitary tubing and wall mounting options available upon request
- ATEX-certified versions available upon request

For lances, mounting kits, adapters and more, see page G6

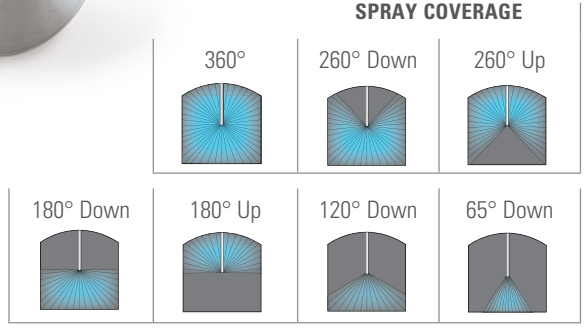
D26984 & D40159 stainless steel tank cleaning nozzle



D26984 & D40159 PVDF tank cleaning nozzle

R RINSING

SPRAY COVERAGE



SPECIFICATIONS

TJ D26984 and D40159 Tank Cleaning Nozzles	Stainless Steel	PVDF
Max. tank diameter:	16 ft. (4.9 m)	16 ft. (4.9 m)
Operating principle:	Fluid-driven constant speed	Fluid-driven constant speed
Flow rate:	3.2 to 19.5 gpm (12.0 to 74 lpm)	3.2 to 19.5 gpm (12.0 to 74 lpm)
Operating pressure:	30 to 90 psi (2.1 to 6.2 bar)	30 to 90 psi (2.1 to 6.2 bar)
Max. temperature:	160°F (70°C)	160°F (70°C)
Materials:	Stainless Steel – 303 or 316 stainless steel body with PTFE sleeve and washer	PVDF – PVDF body with PTFE washer and PE sleeve
Inlet connection:	1/2" NPT or BSPT	3/8" and 1/2" NPT or BSPT
Optional accessories:	Strainers, recommended mesh size: 200 (74 micron) See page G2	

STRAINER OPTION



3/4" TWD
Mesh size: 200

See page G2 for specifications.

MOUNTING OPTIONS

Vertical	↓
Horizontal	← →
45° Down	↙ ↘

IDEAL FOR CLEANING:

- Chemical processing tanks
- Dry powder tanks
- Food processing tanks
- Mixing tanks
- Pharmaceutical

SPRAY COVERAGE

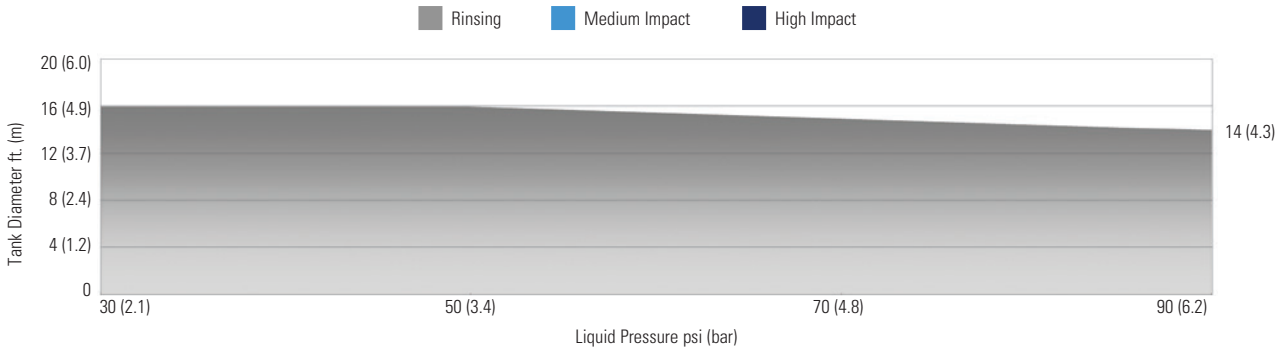
Nozzle Model	Capacity Size	360°	260° Down	260° Up**	180° Down	180° Up**	120° Down	65° Down
D40159	3.2		•	•	•	•	•	
	4.5		•	•	•	•	•	
	9.9		•	•	•	•	•	•
	13.6		•	•	•	•	•	
D26984	All	•						

Note: D40159-SS, -316SS not available in 3.2 capacity.
**Add "A" to the D40159 part number for upward spray toward inlet.

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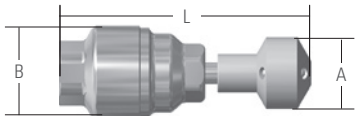
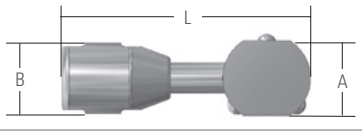
PERFORMANCE DATA

TankJet D40159 and D26984 Cleaning Effectiveness



Model		Inlet Conn. Size in.	Capacity Size	Liquid Flow Capacity gpm (lpm)			
D40159	D26984			30 psi (2.1 bar)	50 psi (3.4 bar)	70 psi (4.8 bar)	90 psi (6.2 bar)
	•	3/8	3.2	3.2 (12.1)	3.8 (14.5)	4.4 (16.9)	5 (19.1)
	•		4.5	3.8 (14.4)	4.7 (17.9)	5.5 (21)	6.3 (24)
•	•	1/2	3.2	3.2 (12.1)	3.8 (14.5)	4.4 (16.9)	5 (19.1)
•	•		4.5	3.8 (14.4)	4.7 (17.9)	5.5 (21)	6.3 (24)
•	•		9.9	8.4 (32)	10.6 (40)	12.5 (48)	14.4 (55)
•	•		13.6	11.3 (43)	14.5 (55)	17.3 (66)	19.8 (75)

DIMENSIONS AND WEIGHTS

Tank Cleaning Nozzles	Model	Material	L in. (mm)	A in. (mm)	B in. (mm)	Min. Tank Opening in. (mm)	Net Weight lbs. (kg)
	D40159	PVDF	5.75 (146)	1.94 (49)	1.92 (49)	2.25 (56)	0.43 (0.19)
	D26984						
	D40159	SS	5.75 (146)	2 (50)	1.6 (41)	2.25 (56)	1.62 (0.73)
	D26984						

ORDERING INFORMATION

D40159 TANK CLEANING NOZZLE

Model – Inlet Conn. Size* – Material Code** – Capacity Size – Spray Coverage – Spray Direction†

EXAMPLE: **D40159 – 3/8 – PVDF – 3.2 – 260 – A**

D26984 TANK CLEANING NOZZLE

Model – Inlet Conn. Size* – Material Code** – Capacity Size

EXAMPLE: **D26984 – 3/8 – PVDF – 3.2**

*Add B prior to the inlet connection for BSPT connections.
**Material: Specify PVDF for chemical-resistant material. Specify SS for Stainless Steel Type 303 (DIN 1.4305). Specify 316SS for Stainless Steel Type 316 (DIN 1.4571).
†Add "A" to the D40159 part number for upward spray toward inlet.

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