

**TANKJET® ROKON® D26984E & D40159 (STEEL) TANK CLEANING NOZZLE**

**FEATURES AND BENEFITS**

- Driven by the flow of the cleaning liquid, up to three flat sprays mounted in a rotating spray head rotate at a near-constant speed of 2 to 30 r/min 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

**IDEAL FOR CLEANING:**

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

For lances, mounting kits, adapters and more, see page E6

**SPECIFICATIONS**

TankJet® Rokon® Tank Cleaning Nozzles	Stainless Steel
Max. tank diameter:	6.0 m
Operating principle:	Fluid-driven constant speed
Flow rate:	12.0 to 74 l/min
Recommended pressure:	2.0 to 6.0 bar
Max. temperature:	70 °C
Materials:	1.4305 or 1.4571 stainless steel body, PTFE sleeve and washer
Inlet connection:	1/2" NPT or BSPT + CIP
Required strainer:	Recommended mesh size: < 80 µm See chapter E



Stainless Steel version



SPRAY COVERAGE	
<b>A</b>	180° Up 
<b>B</b>	180° Down 
<b>C</b>	260° Up 
<b>D</b>	260° Down 
<b>E</b>	360° 
<b>G</b>	120° Down 
<b>K</b>	65° Down 

MOUNTING OPTIONS	
Vertical	↓
Horizontal	← →
45° Down	↙ ↘

**DIMENSIONS AND WEIGHTS**

TankJet® Rokon® Tank Cleaning Nozzles	L (mm)	A (mm)	B (mm)	Min. Tank Opening (mm)	Net Weight (kg)
	146	50	41	56	0.73



**SPRAY COVERAGE**

Material	Inlet Conn. Size	Capacity Size	E	A	B	C	D	G	K <sup>2</sup>
	1/2" & all CIP		360°	180° up	180° down	260° up	260° down	120° down	65° down
Stainless Steel	•	3.2	•						
	•	4.5	•						
	•	9.9	•	•	•	•	•	•	•
	•	13.6	•	•	•	•	•	•	•

**PERFORMANCE DATA**

Capacity Size	Liquid Flow Capacity (l/min)			
	2.0 bar	3.4 bar	4.8 bar	6.0 bar
3.2	12	14.5	16.9	19
4.5	15	17.9	21	24
9.9	32	40	48	55
13.6	43	55	66	75

**ORDERING INFORMATION**

TANKJET ROKON D26984E & D40159 (STEEL)

D40159 A - 182 A4 - 13.6 - EX

**Modifications:**  
 Blank = Standard version  
 EX = Meets the European ATEX standard for use in explosive environments

**Capacity size:**  
 3.2<sup>1</sup> | 4.5<sup>1</sup> | 9.9 | 13.6

**Material code:**  
 A2 = 1.4305 / PTFE  
 A4 = 1.4571 / PTFE

**Inlet connection:**  
 1/2 = 1/2" NPT  
 B1/2 = 1/2" BSPT  
 213 = CIP Ø21.3 mm  
 222 = CIP Ø22.2 mm  
 235 = CIP Ø23.5 mm  
 252 = CIP Ø25.2 mm

**Spray coverage:**  
 Use letter E, A, B, C, D, G or K<sup>2</sup>

**Nozzle type:**  
 D26984 = Spray coverage E (360°)  
 D40159 = Spray coverage A, B, C, D, G or K<sup>2</sup>

<sup>1</sup> = Only available for D26984 (spray coverage 360°)

<sup>2</sup> = Only available for capacity size 9.9



**TANKJET® ROKON® D26984E & D40159 (PLASTIC) TANK CLEANING NOZZLE**

**FEATURES AND BENEFITS**

- Driven by the flow of the cleaning liquid, up to three flat sprays mounted in a rotating spray head rotate at a near-constant speed of 2 to 30 r/min 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
- Made of corrosion- and chemical-resistant PVDF

**IDEAL FOR CLEANING:**

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

For lances, mounting kits, adapters and more, see page F6

**SPECIFICATIONS**

TankJet® Rokon® Tank Cleaning Nozzles	Stainless Steel
Max. tank diameter:	6.0 m
Operating principle:	Fluid-driven constant speed
Flow rate:	12.0 to 74 l/min
Recommended pressure:	2.0 to 6.0 bar
Max. temperature:	70 °C
Materials:	PVDF body with PTFE washer and PE sleeve (stainless steel inserts for some variants)
Inlet connection:	1/2" NPT or BSPT + CIP
Required strainer:	Recommended mesh size: < 80 µm See chapter E



SPRAY COVERAGE	
<b>A</b>	180° Up 
<b>B</b>	180° Down 
<b>C</b>	260° Up 
<b>D</b>	260° Down 
<b>E</b>	360° 
<b>G</b>	120° Down 
<b>K</b>	65° Down 

MOUNTING OPTIONS	
Vertical	↓
Horizontal	← →
45° Down	↙ ↘

**DIMENSIONS AND WEIGHTS**

TankJet® Rokon® Tank Cleaning Nozzles	L (mm)	A (mm)	B (mm)	Min. Tank Opening (mm)	Net Weight (kg)
	146	49	49	56	0.19



**SPRAY COVERAGE**

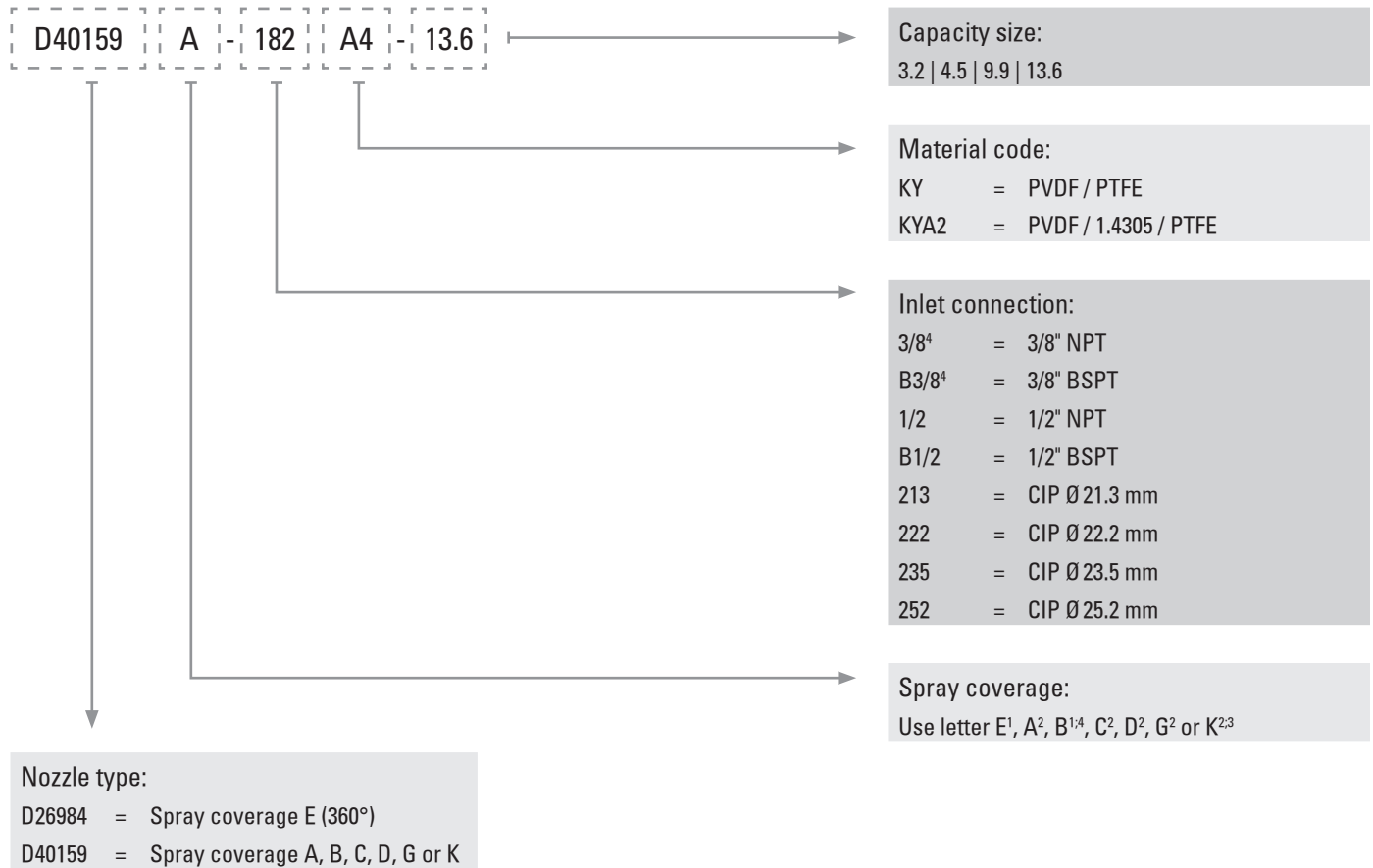
Material	Inlet. Conn. Size		Capacity Size	E 360°	A 180° up	B 180° down	C 260° up	D 260° down	G 120° down	K <sup>2</sup> 65° down
	3/8"	1/2" and all CIP								
PVDF	•	•	3.2	•		•				
	•	•	4.5	•		•				
		•	9.9	•						
		•	13.6	•						
PVDF with SS insert		•	3.2		•	•	•	•	•	
		•	4.5		•	•	•	•	•	
		•	9.9		•	•	•	•	•	•
		•	13.6		•	•	•	•	•	•

**PERFORMANCE DATA**

Capacity Size	Liquid Flow Capacity (l/min)			
	2.0 bar	3.4 bar	4.8 bar	6.0 bar
3.2	12	14.5	16.9	19
4.5	15	17.9	21	24
9.9	32	40	48	55
13.6	43	55	66	75

**ORDERING INFORMATION**

TANKJET ROKON D26984E & D40159 (PLASTIC)



**Nozzle type:**  
 D26984 = Spray coverage E (360°)  
 D40159 = Spray coverage A, B, C, D, G or K

**Capacity size:**  
 3.2 | 4.5 | 9.9 | 13.6

**Material code:**  
 KY = PVDF / PTFE  
 KYA2 = PVDF / 1.4305 / PTFE

**Inlet connection:**  
 3/8<sup>4</sup> = 3/8" NPT  
 B3/8<sup>4</sup> = 3/8" BSPT  
 1/2 = 1/2" NPT  
 B1/2 = 1/2" BSPT  
 213 = CIP Ø 21.3 mm  
 222 = CIP Ø 22.2 mm  
 235 = CIP Ø 23.5 mm  
 252 = CIP Ø 25.2 mm

**Spray coverage:**  
 Use letter E<sup>1</sup>, A<sup>2</sup>, B<sup>1,4</sup>, C<sup>2</sup>, D<sup>2</sup>, G<sup>2</sup> or K<sup>2,3</sup>

- <sup>1</sup> = Only available in KY
- <sup>2</sup> = Only available in KYA2
- <sup>3</sup> = Only available for capacity size 9.9
- <sup>4</sup> = Only available for capacity size 3.2 and 4.5
- <sup>5</sup> = Capacity size 3.2 and 4.5 in KY, other only in KYA2

