

TANKJET® MINIROKON® D41800E FEATURES AND BENEFITS

- Cost effective and environmentally friendly cleaning of small tanks and containers
- Compact, constant-speed nozzles provide up to four times the impact of conventional rotating nozzles
- Rotating head with three flat sprays is driven by the flow of the cleaning liquid
- Rotates at nearly constant speed over a wide range of fluid pressures
- Slow, controlled rotation provides more dwell time on tank surface, making it perfect for cleaning, sanitizing and foaming applications
- Patented self-flushing water bearing design eliminates internal bearings and races
- ATEX-certified versions available
- 3-A version available



SPRAY COVERAGE

E 360°



MOUNTING OPTIONS

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

FDA
compliant
materials

IDEAL FOR CLEANING:

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

SPECIFICATIONS

TankJet® MiniRokon® D41800E Tank Cleaning Nozzle	
Max. tank diameter:	4.0 m
Operating principle:	Fluid-driven constant speed
Flow rate:	11.0 to 128 l/min
Recommended pressure:	2.0 to 6.0 bar
Max. temperature:	150 °C (depends on boiling pressure of cleaning agent)
Materials:	- 1.4305 (303 stainless steel) - 1.4404 (316L stainless steel) - 2.4819 (Alloy C-276)
Surface quality:	Standard; outer surface polished or outer surface electropolished
Inlet connection:	3/8" NPT or BSPT (F), CIP 182 or 192
Required strainer:	Recommended mesh size: < 80 µm See chapter E

DIMENSIONS AND WEIGHTS

D41800E	Inlet Conn.	L (mm)	A (mm)	B (mm)	C (mm)	Pin Length (mm)	Min. Tank Opening (mm)	Weight (kg)
	3/8"	78	Ø 30	Ø 21.2	Thread	—	35	0.14
	CIP182 CIP192	97	Ø 30	Ø 21.6	18.2 19.2	39	50	0.17
	CIP182 3A CIP192 3A	104	Ø 30	Ø 21.6	18.2 19.2	39	50	0.17



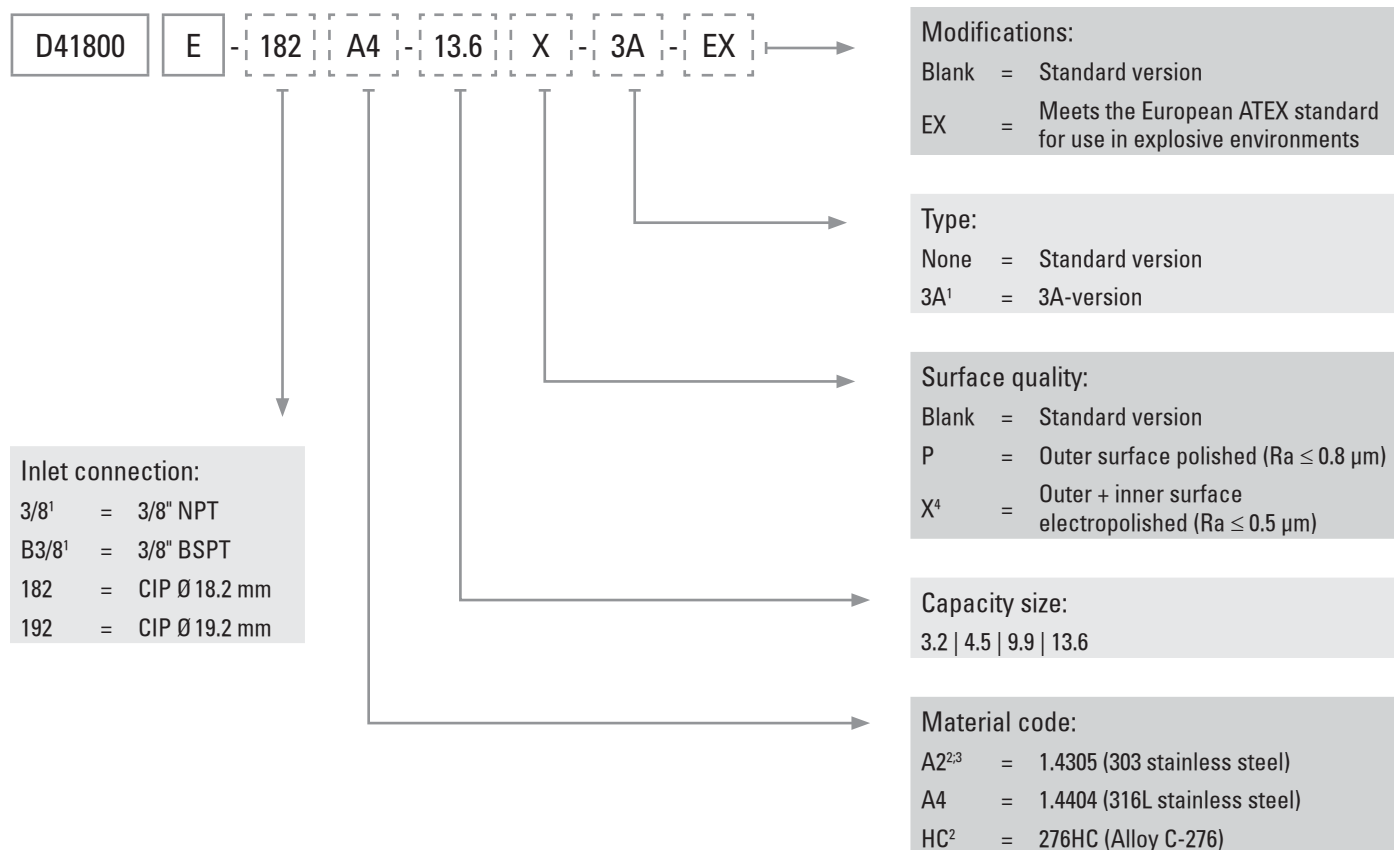
VIDEO

PERFORMANCE DATA

Model	Inlet Conn. Size/Type	Capacity Size	Liquid Flow Capacity (l/min)			
			2.1 bar	3.4 bar	4.8 bar	6.2 bar
D41800E	3/8"	3.2	11	14	17	19
		4.5	15	20	23	27
		9.9	33	41	49	56
		13.6	47	59	70	80
	CIP182 & CIP182 3A CIP192 & CIP192 3A	3.2	15	19	23	26
		4.5	17	22	26	30
		9.9	35	44	52	60
		13.6	51	64	76	86

ORDERING INFORMATION

TANKJET MINIROKON D41800E

¹ = Not available in A2² = Not available for 3A version³ = Not available for connection 182, 192⁴ = Threaded tip is glued with Loctite EA 9480