

**TANKJET® VSM TANK CLEANING NOZZLE
FEATURES AND BENEFITS**

- Lightweight stationary nozzles are ideal for low pressure rinsing of small vessels
- 240° spray coverage via 40 spray orifices or 120° spray coverage via 22 spray orifices
- Nozzles offer excellent chemical resistance and, with no moving parts, are suitable for clean-in-place (CIP) applications



SPRAY COVERAGE	
120° Down	
240° Down	

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

IDEAL FOR CLEANING:

- Chemical containers
- Pharmaceutical vats



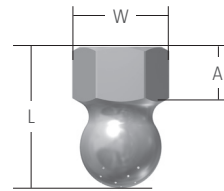
For lances, mounting kits, adapters and more, see chapter E

SPECIFICATIONS

TankJet® VSM Tank Cleaning Nozzle	
Max. tank diameter:	1.5 m
Operating principle:	Fixed stationary
Flow rate:	10.4 to 269 l/min
Operating pressure:	0.5 to 10.0 bar
Max. temperature:	93 °C
Materials:	PVDF, PTFE, PA, Brass, 1.4305, 1.4571, Hastelloy®
Inlet connection:	1/2" or 3/4" NPT or BSPT (F)
Optional accessories:	Strainers, recommended mesh size: 300 µm See chapter E

DIMENSIONS AND WEIGHTS

Model	Inlet Conn. Size in.	L (mm)	W (mm)	A (mm)	Min. Tank Opening (mm)	Weight (kg)
VSM	1/2	45	31	16	33	0.08
	3/4	62	47	21	50	0.23



PERFORMANCE DATA

Model	Inlet Conn. in.	Capacity Size (at 5 bar)	Max. Free Passage (mm)	Liquid Flow Capacity (l/min)					
				0.5 bar	1.0 bar	2.0 bar	3.0 bar	5.0 bar	10.0 bar
VSM 120°	1/2	6	0.55	1.9	2.7	3.8	4.7	6.0	8.5
	1/2	16	0.90	5.1	7.2	10.1	12.4	16.0	22.6
	1/2	27	1.10	8.5	12.1	17.1	20.9	27.0	38.2
	3/4								
	1/2	53	1.60	16.8	23.7	33.5	41.1	53.0	74.9
	3/4								
	1/2	100	2.00	31.6	44.7	63.1	77.4	100.0	141.4
	3/4								
VSM 240°	1/2	28	0.90	8.8	12.5	17.7	21.7	28.0	39.5
	1/2	44	1.10	13.9	19.7	27.9	34.1	44.0	62.3
	1/2	90	1.50	28.5	40.3	56.9	69.7	90.0	127.3
	3/4								
	1/2	140	1.95	44.3	62.6	88.5	108.4	140.0	198.0
	3/4								
	1/2	190	2.20	60.1	85.0	120.2	147.2	190.0	268.7
	3/4								

ORDERING INFORMATION

TANKJET VSM



Material:
 2A = Brass
 4E = 1.4305
 4P = 1.4571
 8A = Polyamid
 8G = PTFE

Thread:
 ID = 1/2" BSPP
 IE = 3/4" BSPP
 PD = 1/2" NPT (Female thread)

Spray angle:
 120 = 120° down
 240 = 240° down

Capacity size:
 Pls. insert number from column 'Capacity Size at 5 bar' from chart 'Performance Data'