

LEM

Stationary Tank Washing Nozzle

DESIGN FEATURES

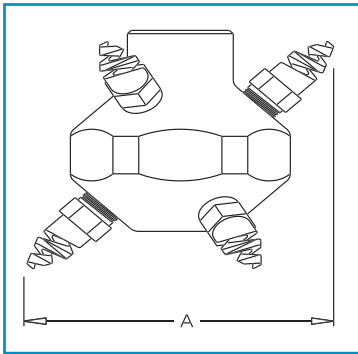
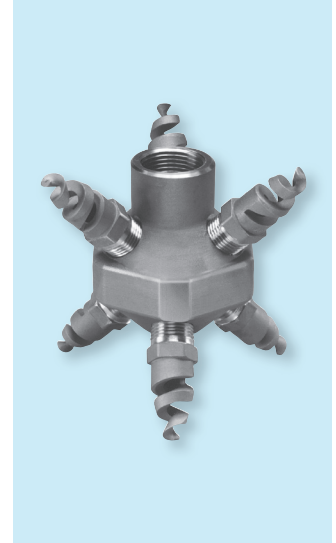
- Stationary manifold including six BETE clog-resistant TF spirals
- Can be supplied with various other BETE nozzles for a variety of applications
- Female connection

SPRAY CHARACTERISTICS

- Spherical omnidirectional coverage
- Six nozzles arranged in cluster to project spray in all directions

Spray Angles: 360°, 180° available upon request

Flow Rates: 16 to 597 l/min



LEM Dimensions (mm)

Pipe Size	Overall Dia A	Wt (kg) Metal
3/4"	114	1.0
1"	133	1.9

Dimensions are approximate. Check with BETE for critical dimension applications.

LEM Flow Rates

Standard Materials: Brass and 316 Stainless Steel

Connections: Female, NPT or BSP

Connection Size	Nozzle Number	Spray Angle	K Factor	Flow Rate (l/min) @ Differential Pressure (bar)								Scrubbing Dia @ 3-4 bar	Rinsing Dia @ 3-4 bar
				0.7	1	1.5	2	3	4	5	7		
				bar	bar	bar	bar	bar	bar	bar	bar	m	m
3/4"	LEM-6	360°	19.1	16.0	19.1	23.4	27.1	33.2	38.3	42.8	50.6	0.5	1
	LEM-8		36.5	30.5	36.5	44.7	51.6	63.2	72.9	81.5	96.5	1	2
	LEM-10		57.0	47.7	57.0	69.8	80.6	98.7	114	127	151	1	3
1"	LEM-12	360°	82.0	68.6	82.0	100	116	142	164	183	217	2	4
	LEM-14		111	92.7	111	136	157	192	222	248	293	2	4
	LEM-16		144	120	144	176	203	249	287	321	380	2	4
	LEM-20		226	189	226	276	319	391	451	504	597	2	5

Flow Rate (l/min) = $K\sqrt{\text{PSI}}$

Spray angle performance varies with pressure. Contact BETE for specific data on critical applications.

For special flow rates and nozzle tips contact BETE.

TANK CLEANING

CALL 413-772-0846
Call for the name of your nearest BETE representative.