

Flat-Fan Spray Nozzles Spadflow Series 5M LD



5M LD

Low Pressure Tongue-Type Nozzle

Applications:

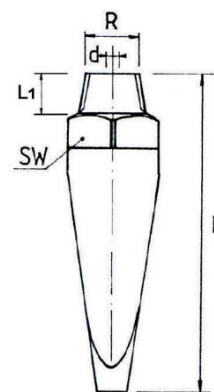
- Cleaning
- Rinsing
- Degreasing
- Phosphating
- Process Engineering

Properties:

- Square section
- High resistance to physical damage
- Sharp flat fan
- Narrowly delimited jet pattern
- Not prone to clogging



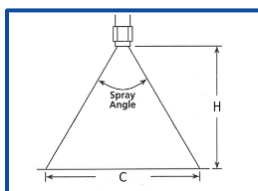
5M LD



Conn. code	Dimensions [mm]	Weight
	G	
014	1/4 BSPT or BSPP	-
038	3/8 BSPT or BSPP	150 g
012	1/2 BSPT or BSPP	-
034	3/4 BSPT or BSPP	306g

Material*	Code
Brass	1
S.S.304	2
S.S.316	3

α	C [mm] (range) @ H=250 mm
15°	65
25°	110
30°	130
40°	180
50°	230



For higher lengths: $C_2 = \frac{C \times H_2}{250}$

Spray angle (α)	Code	η	Connection** [Inch]	B Ø [mm]	Flow rate [l/min]					Dimensions [mm]		
					P [bar]					L	L1	SW
					1.0 K factor	2.0	3.0	5.0	10.0			
15°	5M LD 10 . 015	22°	1/4"	2	2.3	3.3	3.8	5	7	48	10	16
	5M LD 20 . 015	19°	1/4"	2.8	4.5	6.5	7.5	10	15	54	10	16
	5M LD 30 . 015	25°	3/8"	3.2	7	10	11	15	22	72	10	20
	5M LD 40 . 015	19°	3/8"	3.5	9.5	13	15	20	29	92	10	20
	5M LD 50 . 015	15°	3/8"	4	12	16	19	25	37	91	10	20
	5M LD 60 . 015	14°	1/2"	4.6	13.5	19.2	23	30	43	125	13	25
	5M LD 80 . 015	14°	1/2"	5.3	18.1	26	31	40	57	130	13	25
	5M LD 100 . 015	14°	1/2"	6	23	33	39	50	73	137	13	25
	5M LD 200 . 015	14°	3/4"	8.4	45	64	78	101	143	191	15	30
25°	5M LD 40 . 025	25°	1/4"	3.7	9	12.8	15.5	20	29	65	10	19

Order No.: CODE . CONNETION . MATERIAL

Example 5M LD 10. 015. 014 . 3

Type 5M LD with mentioned Q(lpm)@P(bar), Spray angle: 15°, 1/4", S.S.316

Flat-Fan Spray Nozzles Spadflow Series 5M LD



5M LD

Spray angle (α)	Code	η	Connection** [Inch]	B Ø [mm]	Flow rate [l/min]					Dimensions [mm]		
					P [bar]					L	L1	SW
					1.0 <i>K factor</i>	2.0	3.0	5.0	10.0			
35°	5M LD 04 . 035	40°	1/8"	1.2	0.9	1.3	1.6	2	2.9	23	7	16
	5M LD 10 . 035	35°	1/4"	2	2.3	3.3	3.8	5	7	37	10	16
	5M LD 20 . 035	30°	1/4"-3/8"	2.6	4.5	6.4	7.8	10.1	14.3	42	10	20
	5M LD 25 . 035	28°	1/4"-3/8"	2.9	5.6	8	9.8	12.6	17.9	49	10	20
	5M LD 30 . 035	28°	3/8"	3.3	6.8	9.6	11.7	15.1	21	52	10	20
	5M LD 40 . 035	25°	3/8"	3.5	9.5	13	15	22	29	58	10	20
	5M LD 50 . 035	23°	3/8"	4	12	16	19	25	37	64	10	20
	5M LD 60 . 035	27°	1/2"	4.5	13.5	19.1	23	30	43	73	13	25
	5M LD 80 . 035	24°	1/2"	5.2	18	26	30	40	58	81	13	25
	5M LD 100 . 035	20°	1/2"	6	23	33	38	50	73	89	13	25
40°	5M LD 160 . 035	23°	3/4"	7.5	37	52	60	80	177	114	15	30
	5M LD 200 . 035	23°	3/4"	8.4	45	64	78	101	143	122	15	30
	5M LD 40 . 040	35°	3/8"	3.5	9.5	13	15	20	29	60	10	30
	5M LD 50 . 040	34°	3/8"	4	12	16	19	25	37	64	10	25
	5M LD 60 . 040	33°	3/8"	4.5	13.5	19.1	23	30	43	72	10	25
	5M LD 70 . 040	29°	3/8"	5	15.8	22	27	35	50	75	10	25
	5M LD 80 . 040	26°	3/8"	5.2	18	26	30	40	58	77	10	25
50°	5M LD 90 . 040	28°	3/8"	5.5	21	29	34	45	65	77	10	25
	5M LD 100 . 040	28°	3/8"	6	23	32	39	50	71	87	10	25
	5M LD 10 . 050	60°	1/4"	2	2.3	3.3	3.8	5	7	31	10	16
	5M LD 25 . 050	42°	1/4"-3/8"	2.9	5.6	8	9.8	12.6	17.9	42	10	20
	5M LD 40 . 050	45°	1/4"-3/8"	3.5	9	12.8	15.6	20	29	47	10	20
	5M LD 60 . 050	37°	3/8"	4.4	13.5	19.2	23	30	43	55	10	25
	5M LD 100 . 050	40°	3/8"	6	23	32	39	50	71	72	10	30
	5M LD 125 . 050	40°	3/8"	6.7	28	41	49	63	89	72	10	30
	5M LD 160 . 050	37°	3/8"	7.5	36	51	63	81	114	72	10	30
	5M LD 200 . 050	32°	3/8"	8.3	46	64	76	100	147	72	10	30

* Different materials are available upon request
B = bore diameter

** Different connection sizes are available upon request

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Example 5M LD 10. 015. 014 . 3

Type 5M LD with mentioned Q(lpm)@P(bar), Spray angle: 15°, 1/4", S.S.316