

Axial Flow Hollow-Cone Spray Nozzles Spadflow Series 2L 214 – 2L 216



2L 214
2L 216

Low Flow Axial Hollow-cone

Applications:

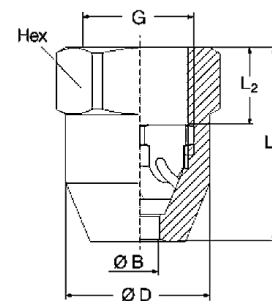
- Cooling and cleaning of air
- and gas
- Dust control
- Spraying onto filters
- Spray drying
- Desuperheating
- Sprinkling

Properties:

- Extremely fine
- Uniform hollow cone spray



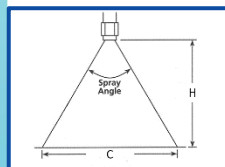
2L 214 – 2L 216



Conn. code	Dimensions [mm]					Weight
	G	L ₁	L ₂	D	Hex/Flats	
018	1/8 BSPT	18.0	6.0	16.0	17	27 g
038	3/8 BSPT	29.0	12.0	21.3	22	60 g

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

α	C [mm] (range)
	@ H=250mm
60°	200
80°	450
90°	500



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

Spray angle α	Code	Connection** [inch]	B Ø [mm]	E Ø [mm]	Flow rate [l/min]						
					P [bar]						
					0.5	1.0	2.0	3.0	5.0	10.0	20.0
60°	2L 214 18 . 060	1/8"-1/4"	0.50	0.50	-	-	0.08	0.10	0.13	0.18	0.25
	2L 216 32 . 060	3/8"	1.00	1.00	-	0.28	0.40	0.49	0.63	0.89	1.26
	2L 216 36 . 060	3/8"	1.40	1.40	-	0.45	0.63	0.77	1.00	1.41	1.99
	2L 216 40 . 060	3/8"	2.00	2.00	-	0.71	1.00	1.22	1.58	2.24	3.16
80°	2L 214 24 . 080	1/8"-1/4"	1.00	0.50	-	-	0.16	0.20	0.25	0.36	0.51
	2L 214 30 . 080	1/8"-1/4"	1.80	0.50	-	0.23	0.32	0.39	0.51	0.72	1.01
90°	2L 216 49 . 090	3/8"	6.00	2.00	-	1.20	1.70	2.08	2.69	3.80	5.38
	2L 216 56 . 090	3/8"	4.00	2.00	-	1.77	2.50	3.06	3.95	5.59	7.91
	2L 216 64 . 090	3/8"	3.50	2.00	2.00	2.83	4.00	4.90	6.32	8.94	12.65
	2L 216 68 . 090	3/8"	4.00	2.00	2.50	3.54	5.00	6.12	7.91	11.18	15.81
	2L 216 72 . 090	3/8"	5.00	2.00	3.15	4.45	6.30	7.72	9.96	14.09	19.92
	2L 216 77 . 090	3/8"	6.00	2.00	4.30	6.00	8.50	10.40	13.40	19.00	26.90

* Different materials are available upon request

B = bore diameter

** Different connection sizes are available upon request

E = narrowest free cross section

Order No.: CODE . CONNETION . MATERIAL

Example.: 2L 214 18 . 060 . 018 . 2

Type 2L 214 with mentioned Q(lpm)@P(bar), Spray angle: 60°, 1/8", S.S.316