Eccentric Hollow Cone Nozzles HK + HL

MC

Characteristics

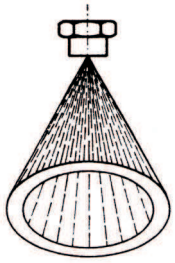
No inserts,
Smooth surface,
Clog-resistant,
With narrow droplet spectrum and fine droplets.

Application

Air and gas washing
Cooling
Phosphating
Dust suppression
Process engineering

Material

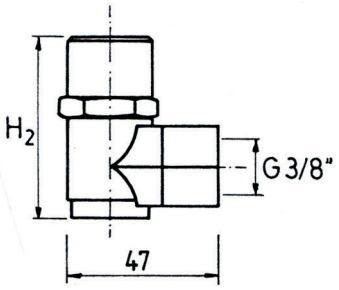
PP (type HL and HK)
VA (type HK)



Hollow cone spray pattern

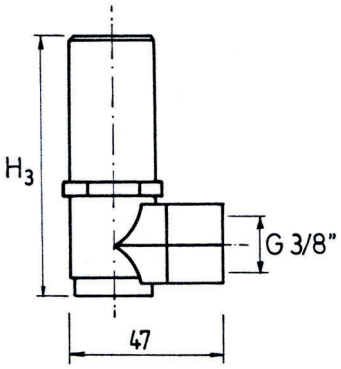
Type	Dimensions in mm HK H_2	HL H_3
0,8	19	25
1.6-2.0-2.4	19	30
4.0-6.0	19	38
8	40	70
12	40	70
16	40	70
24	40	70
32-40-48	40	80

Illu. 1



Type **HK**
available in VA and PP

Illu. 2



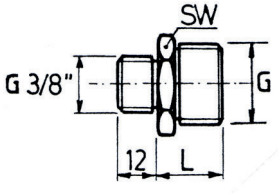
Type **HL**
only available in PP

Order example: (type - spray angle - material) 2.4 - 110 - PP
B = outlet bore, E = smallest section, drillings vary slightly for different spray angles

Type	Flow rate V̇ (l/min.) at pressure p (bar) bar 1	bar 2	bar 3	bar 4	bar 5	bar 6	bar 7	Approx. value depends on spray angle varies with bore		Spray angle at 3 bar 110	115	120	140
0.8	0.45	0.64	0.79	0.91	1.00	1.10	1.20	1.6	1.6		*	*	
1.6	0.92	1.30	1.60	1.80	2.00	2.20	2.40	2.5	2.1		*	*	
2.0	1.10	1.60	2.00	2.30	2.50	2.80	3.00	2.5	2.6	*		*	
2.4	1.30	1.90	2.40	2.70	3.10	3.40	3.60	2.5	3.1	*		*	
4.0	2.30	3.20	3.90	4.60	5.10	5.60	6.00	3.5	3.5	*		*	
6.0	3.40	4.80	5.90	6.80	7.60	8.40	9.00	4.0	3.9			*	*
8.0	4.50	6.40	7.90	9.10	10.2	11.2	12.1	5.6	3.9				*
12	6.84	9.67	11.8	13.7	15.3	16.7	18.1	8.3	3.8				*
16	9.12	12.9	15.8	18.2	20.4	22.4	24.1	9.3	6.2				*
24	13.7	19.3	23.7	27.4	30.6	33.4	36.2	10.3	7.9				*
32	18.2	25.8	31.5	36.5	40.8	44.6	48.3	15.9	7.1				*
40	22.8	32.2	39.5	45.6	51.0	55.8	60.3	15.9	8.2				*
48	27.3	38.7	47.4	54.7	61.2	67.0	72.4	17.4	8.6				*

Adapter to be screwed in, with male thread

Illu. 3



Thread	L	SW
1/4“	16	17
3/8“	16	22
1/2“	20	22
3/4“	20	27