

Characteristics

The noise level of MC's bore and air slot nozzle **LR** is reduced by half compared to open bores when the air volume is lowered at the same time.

MC's bore and air slot nozzles **LR** comply with OSHA-standards. This means that the air pressure may not exceed 210 kPa or 30 psi when coming into direct contact with skin.

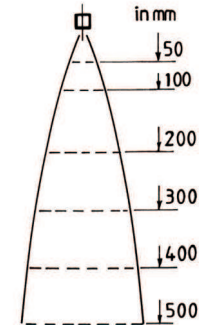
Application

Blowing off
Blowing down
Cooling
Cleaning
Drying

Material

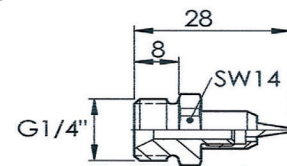
Stainless steel
Aluminium

		Type LR					Type LRE	
		2	2.5	3	4	5	4	6
Replaces open pipe-Ø	mm	2	2.5	3	4	5	4	6
Air consumption Nm ³ /h	2 bar	1.40	4.50	6.80	9.50	12.9	9.50	14.1
	4 bar	3.10	7.90	11.6	15.5	21.3	15.5	26.6
	5 bar	4.00	10.0	14.0	19.0	25.0	19.0	30.0
	6 bar	4.80	11.4	16.6	22.5	31.0	22.5	34.8
	8 bar	6.40	14.8	21.4	29.5	40.0	29.5	44.2
	10 bar	8.10	18.2	26.2	36.0	48.6	36.0	53.8
Noise level dB(A) at 1 m distance	2 bar	66.8	72.3	74.6	72.0	75.8	72.0	72.0
	4 bar	74.3	77.6	80.5	77.5	82.5	77.5	81.0
	5 bar	76.0	79.0	82.0	79.1	84.0	80.0	83.0
	6 bar	76.6	80.7	83.6	80.7	86.7	80.7	83.8
	8 bar	80.0	84.5	87.5	85.0	88.6	85.0	84.2
	10 bar	81.4	86.0	88.4	88.0	90.3	88.0	86.7
Blowing force N (Kp) at 200 mm distance	2 bar	0.4	0.7	1.1	1.4	1.8	1.4	1.4
	4 bar	0.7	1.5	2.1	2.8	3.2	2.8	2.7
	5 bar	0.9	1.8	2.5	3.2	4.2	3.5	3.3
	6 bar	1.1	2.1	3.0	4.1	5.3	4.1	4.0
	8 bar	1.4	2.9	4.0	5.5	7.0	5.5	5.4
	10 bar	1.8	3.6	5.0	7.0	8.9	7.0	6.9
Air distribution Ø mm at a distance of	50 mm	12	13	20	24	70	40	45
	100 mm	24	27	35	38	95	65	68
	200 mm	45	53	65	80	145	115	117
	300 mm	65	80	95	114	190	165	168
	400 mm	88	106	125	156	240	215	216
	500 mm	110	133	155	194	290	265	267
Air velocity m/s at a distance of	50 mm	129	132	135	122	115	111	112
	100 mm	104	105	108	102	94	89	90
	200 mm	57	58	59	56	54	51	52
	300 mm	40	41	41	39	40	37	37
	400 mm	36	37	37	35	36	34	34
	500 mm	33	34	34	32	33	31	31



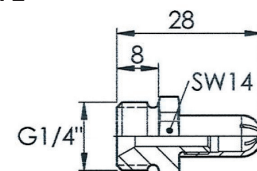
Air distribution

Illu. 1



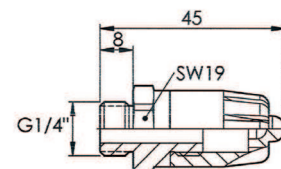
Type LR 2-2,5 und 3

Illu. 2



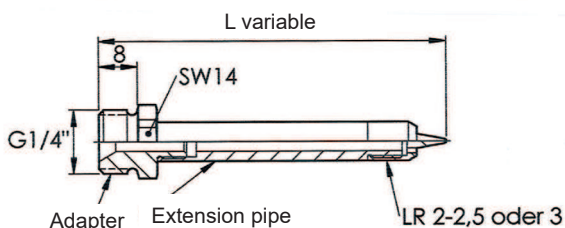
Type LR 4 und 5

Illu. 3



Type LRE

Illu. 4



Low-noise blowing nozzle with extension pipe

Illu. 5

