

Blow-off nozzle type RID (erinaceous)

Characteristics

Compressed air is led axially or tangentially into MC's blow-off nozzle **RID**. Due to the bore designs a fan-shaped, powerful jet with maximum force of impact is created.

Spray angles of 60° for maximum force of impact and angles of up to 150° for broad impact areas are available.

This is the most space-saving design.

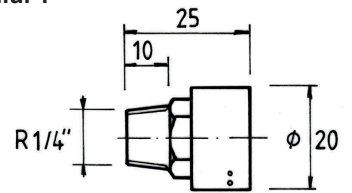
Application

Blow-off,
Cooling

Material

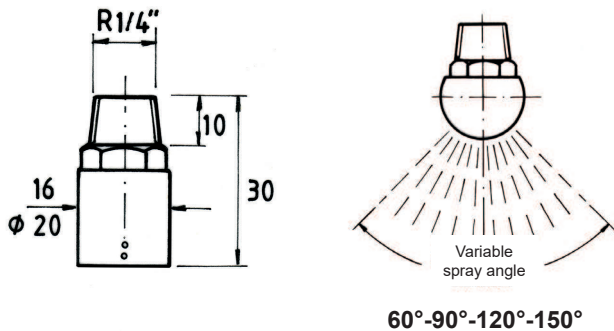
Brass, Stainless steel,
Others on request

Illu. 1



Tangential design,
marked with an additional T

Illu. 2



RID bore- $\varnothing = 0.7$ mm

Other bore types available on request

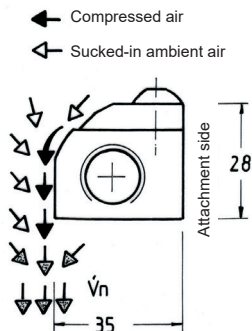
Type and spray angle	Number of bores	Compressed air capacity in Nm ³ /h 20° C p (bar)					
		bar 2	bar 3	bar 4	bar 5	bar 6	bar 7
RID 60°	9	8.10	10.9	13.4	16.1	18.7	21.4
RID 90°	13	11.7	15.7	19.4	23.3	27.1	31.0
RID 120°	17	15.3	20.6	25.3	30.4	35.4	40.5
RID 150°	21	18.9	25.4	31.3	37.6	43.7	50.0

Air curtain DLV

With MC's air curtain nozzle **DLV** compressed air is extracted from a specifically adjusted lengthwise slot of 0.5 mm, and is deflected by 90° around a special edge (Coanda-style).

The laminary exiting air jet sweeps the 25-30-fold of the ambient air along. The noise level is significantly reduced.

Illu. 3



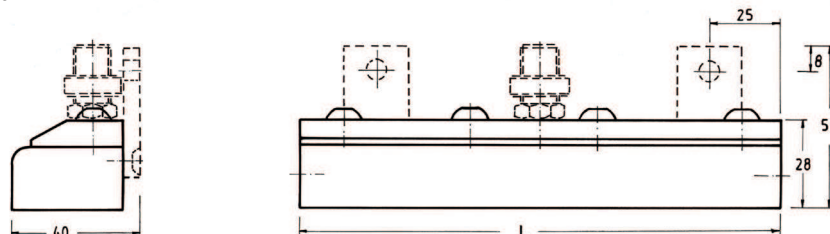
Advantages:

- Uniform air flow
- 25-30-fold air capacity

Type DLV with length specification	Compressed air capacity in Nm ³ /min. 20° C p (bar)				
	bar 2	bar 3	bar 4	bar 5	bar 6
80	0.13	0.18	0.22	0.29	0.32
150	0.26	0.34	0.42	0.54	0.60
300	0.52	0.68	0.84	1.02	1.20
450	0.78	1.02	1.26	1.62	1.80
600	1.04	1.40	1.68	2.04	2.40
750	1.29	1.70	2.10	2.70	3.00

All intermediate sizes can be produced!

Illu. 4



Accessories

Attachments

Illu. 5



Illu. 6

