LAVAL-AIR-JET-NOZZLE

The Laval-air-jet-nozzle achieves compact air jet with a high energy-volume. It is used in production or control processes in which the use of targeted air streams is needed. Employing cooled or heated air, the bundled air jet can precisely control, cool, clean or warm workpieces, materials or surfaces.

POSSIBLE APPLICATIONS

cleaning of conveyor belts
sorting facility
Cooling of parts
Cleaning systems

AVAILABLE IN THE FOLLOWING MATERIALS

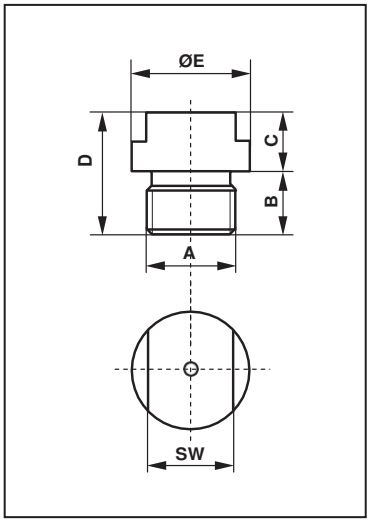
Stainless Steel
1.4305 (X8 CrNiS 18-9)

non-ferrous metal
brass

other materials on request.

DIMENSIONS

type	A	B mm	C mm	D mm	ØE mm	SW mm
FESLL01	R1/8"	8	11	19	13	8
FESLL02	R1/4"	9	8	17	17	13



Jato-Düsenbau AG
Täschmattstrasse 23, CH-6015 Luzern, Switzerland, Tel: +41 41 269 88 30 Fax: +41 41 269 88 31 www. jato.ch info@jato.ch

LAVAL-AIR-JET-NOZZLE

CAPACITY CHART OF LAVAL-AIR-JET-NOZZLE

capacities in Nm3/h by following pressures

type	thread	1 bar	2 bar	3 bar	4 bar (test pressure)	5 bar	6 bar	7 bar
FESLL 01	R 1/8“	0.36	0.52	0.70	0.84	1.04	1.19	1.34
		0.44	0.67	0.90	1.12	1.34	1.55	1.76
		0.64	0.91	1.25	1.57	1.83	2.18	2.53
		0.92	1.43	1.85	2.29	2.74	3.23	3.66
		1.42	2.05	2.70	3.30	4.00	4.60	5.30
		2.05	3.10	4.20	5.00	6.40	7.40	8.50
		2.73	4.04	5.26	6.80	8.10	9.70	11.20
FESLL 02	R 1/4“	0.36	0.52	0.70	0.84	1.04	1.19	1.34
		0.44	0.67	0.90	1.12	1.34	1.55	1.76
		0.64	0.91	1.25	1.57	1.83	2.18	2.53
		0.92	1.43	1.85	2.29	2.74	3.23	3.66
		1.42	2.05	2.70	3.30	4.00	4.60	5.30
		2.05	3.10	4.20	5.00	6.40	7.40	8.50
		2.73	4.04	5.26	6.80	8.10	9.70	11.20
		3.77	5.87	7.78	9.83	12.00	13.90	15.90
		5.50	8.30	11.00	13.80	16.25	19.50	22.30

other capacities on request.

FOR ORDERING WE NEED FOLLOWING INFORMATION

Field of application
medium to spray (viscosity)
fitting position / spray distance nozzle – spray area
temperature range
frequency range

Nozzle specification
type of material
desired spray angle
nozzle type
connection thread
desired capacity (l/min, l/h)
operating pressure (bar)

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