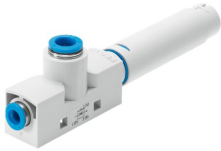


Vacuum generator VN-14-H-T4-PQ2-VQ3-RO2-F1A

FESTO

Part number: 8187685



[PDF](#) General operating condition

Data sheet

Feature	Value
Nominal size, Laval nozzle	1.4 mm
Grid dimension	18 mm
Silencer design	Open
Mounting position	Any
Ejector characteristic	High vacuum Standard
Integrated function	Open silencer
Design	T-shape
Symbol	00991489
Operating pressure for max. suction flow rate	5.1 bar
Operating pressure	1 bar ... 8 bar
Operating pressure for max. vacuum	5 bar
Max. vacuum	88 %
Nominal operating pressure	6 bar
Max. suction flow rate against atmosphere	51.6 l/min
Air supply time at nominal operating pressure	0.5 s
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation not possible
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Suitability for the production of Li-ion batteries	Suitable for battery production with reduced Cu/Zn/Ni values (F1a)
Media temperature	0 °C ... 60 °C
Sound pressure level at nominal operating pressure	69 dB(A)
Ambient temperature	0 °C ... 60 °C
Max. tightening torque	0.5 Nm
Product weight	36 g
Type of mounting	With through-hole With accessories
Pneumatic connection, port 1	QS-6
Pneumatic connection, port 3	Open silencer
Vacuum connection	QS-8
Material connecting thread	POM
Note on materials	RoHS compliant
Material seals	NBR
Material receiver nozzle	POM
Material housing	Reinforced POM

Feature	Value
Material silencer	Wrought aluminium alloy POM Polyurethane foam
Material transmitter nozzle	Wrought aluminium alloy