

Vacuum generator OVPN-14-L2-PG14-G12-UA

Part number: 8199142

FESTO



Data sheet

Feature	Value
Nominal width of Laval nozzle	1.4 mm
Width dimension	33 mm
Muffler construction type	Open
Mounting position	Any
Ejector characteristics	High suction flow
Integrated function	Muffler open
Structural design	Vacuum generator 2-stage
Operating pressure for max. suction rate	0.4 MPa 4 bar 58 psi
Operating pressure	0.1 MPa...0.8 MPa 1 bar...8 bar 14.5 psi...116 psi
Operating pressure for max. vacuum	0.79 MPa 7.9 bar 114.55 psi
Max. vacuum	81 %
Nominal operating pressure	0.6 MPa 6 bar 87 psi
Max. suction rate with respect to atmosphere	160 l/min
Air supply time at nominal operating pressure	0.37 s
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication not possible
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Suitability for the production of Li-ion batteries	Suitable for battery production with reduced Cu/Zn/Ni values (F1a)
Temperature of medium	0 °C...60 °C
Cleaning advice	Soapsuds (except silencers)
Noise level at nominal operating pressure	60 dB(A)
Ambient temperature	0 °C...60 °C
Product weight	205 g
Type of mounting	With mounting bracket
Pneumatic connection 1	G1/4

Feature	Value
Pneumatic connection 3	Muffler open
Vacuum connection	G1/2
Material of connecting thread	POM
Seals material	NBR
Female nozzle material	PA-reinforced
Housing material	POM
Muffler material	PA-reinforced PU foam
Material of screws	high-alloy stainless steel
Material of jet nozzle	PA-reinforced