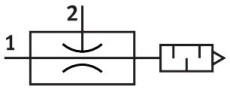
Vacuum generator
VN-14-L-T4-PQ2-VA5-RO2

Part number: 547709





General operating condition

Data sheet

Feature	Value
Nominal width of Laval nozzle	1.4 mm
Width dimension	18 mm
Muffler construction type	Open
Mounting position	Any
Ejector characteristics	High suction rate Standard
Integrated function	Pneumatic muffler open
Structural design	T-shape
Symbol	00991489
Operating pressure for max. suction rate	8 bar
Operating pressure	1 bar ... 8 bar
Nominal operating pressure	6 bar
Max. suction rate with respect to atmosphere	90 l/min
Air supply time at nominal operating pressure	0.25 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)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Temperature of medium	0 °C ... 60 °C
Noise level at nominal operating pressure	77 dB(A)
Ambient temperature	0 °C ... 60 °C
Max. tightening torque	0.5 Nm
Product weight	42 g
Type of mounting	With through-hole With accessories
Pneumatic connection 1	QS-6
Pneumatic connection 3	Pneumatic muffler open
Vacuum connection	G1/4
Material of connecting thread	Wrought aluminum alloy
Note on materials	RoHS-compliant
Seals material	NBR
Female nozzle material	POM
Housing material	POM-reinforced
Muffler material	Die-cast aluminum POM PU foam
Material of jet nozzle	Wrought aluminum alloy

Feature	Value
Material of pneumatic fitting	Brass Nickel-plated