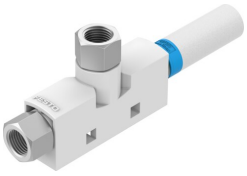
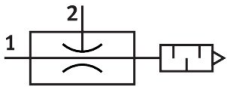
Vacuum generator
VN-14-H-T4-PI4-VI5-RO2

Part number: 547705





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 vacuum Standard
Integrated function	Muffler open
Structural design	T-shape
Operating pressure for max. suction 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 rate with respect to atmosphere	51.6 l/min
Air supply time at nominal operating pressure	0.5 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 Zone III
Temperature of medium	0 °C...60 °C
Noise level at nominal operating pressure	69 dB(A)
Ambient temperature	0 °C...60 °C
Max. tightening torque	0.5 Nm
Product weight	40 g
Type of mounting	With through-hole With accessories
Pneumatic connection 1	G1/8
Pneumatic connection 3	Muffler open
Vacuum connection	G1/4
Material of connecting thread	Wrought aluminum alloy, anodized
Note on materials	RoHS compliant
Seals material	NBR

Feature	Value
Female nozzle material	POM
Housing material	Reinforced POM
Muffler material	Die-cast aluminum POM PU foam
Material of jet nozzle	Wrought aluminum alloy