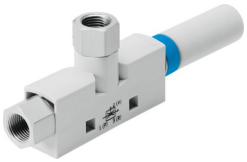
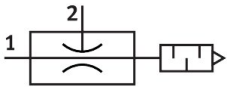
Vacuum generator
VN-05-H-T3-PI4-VI4-RO1

Part number: 193507





Data sheet

Feature	Value
Nominal width of Laval nozzle	0.45 mm
Width dimension	14 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	2.1 bar
Operating pressure	1 bar...8 bar
Operating pressure for max. vacuum	4.5 bar
Max. vacuum	88 %
Nominal operating pressure	6 bar
Max. suction rate with respect to atmosphere	6.2 l/min
Air supply time at nominal operating pressure	4.8 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-B1/B2-L
Temperature of medium	0 °C...60 °C
Noise level at nominal operating pressure	53 dB(A)
Ambient temperature	0 °C...60 °C
Max. tightening torque	0.5 Nm
Product weight	24 g
Type of mounting	With through-hole With accessories
Pneumatic connection 1	G1/8
Pneumatic connection 3	Muffler open
Vacuum connection	G1/8
Material of connecting thread	Wrought aluminum alloy, anodized Brass, nickel-plated
Note on materials	RoHS compliant

Feature	Value
Seals material	NBR
Female nozzle material	POM
Housing material	Reinforced POM
Muffler material	Protective grounding
Material of jet nozzle	Wrought aluminum alloy