

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

Part number: 193507

FESTO



[PDF](#) General operating condition

## Data sheet

Feature	Value
Nominal size, Laval nozzle	0.45 mm
Grid dimension	14 mm
Silencer design	Open
Mounting position	optional
Ejector characteristic	High vacuum Standard
Integrated function	Open silencer
Design	T-shape
Symbol	00991489
Operating pressure for max. suction flow 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 flow rate against atmosphere	6.2 l/min
Air supply time at nominal operating pressure	4.8 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	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Media temperature	0 °C ... 60 °C
Sound pressure 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, port 1	G1/8
Pneumatic connection, port 3	Open silencer
Vacuum connection	G1/8
Material connecting thread	Anodised wrought aluminium alloy Nickel-plated brass
Note on materials	RoHS-compliant
Material seals	NBR
Material receiver nozzle	POM
Material housing	POM-reinforced

<b>Feature</b>	<b>Value</b>
Material silencer	PE
Material transmitter nozzle	Wrought aluminium alloy