

Vacuum generator

VN-05-H-T3-PQ2-VQ2-RO1-F1A

Part number: 8187682

FESTO



Data sheet

Feature	Value
Nominal size, Laval nozzle	0.45 mm
Grid dimension	14 mm
Design, silencer	open
Assembly position	Any
Ejector characteristic	High vacuum Standard
Integrated function	Open silencer
Design structure	T-shaped
Working pressure for max. suction rate	2.1 bar
Working pressure	1 ... 8 bar
Working pressure for max. vacuum	4.5 bar
Max. vacuum	88 %
Nominal working pressure	6 bar
Max. suction rate with respect to atmosphere	6.2 l/min
Air supply time at nominal working pressure	4.8 s
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation not possible
Corrosion resistance classification CRC	1 - Low corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
RSBP classification to CD-0033	F1a
Medium temperature	0 ... 60 °C
Noise level at nominal operating pressure	53 dB(A)
Ambient temperature	0 ... 60 °C
Max. tightening torque	0.5 Nm
Product weight	24 g
Mounting type	with through hole with accessories
Pneumatic connection, port 1	QS-6
Pneumatic connection, port 3	Open silencer
Vacuum connection	QS-6
Material of connecting thread	POM
Materials note	Conforms to RoHS
Material seals	NBR
Material receiver nozzle	POM
Material housing	POM-reinforced
Material silencer	PE
Material transmitter nozzle	Wrought Aluminum alloy