

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

Part number: 537225

FESTO



 General operating condition

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	Standard High negative pressure
Integrated function	Ejector pulse valve, pneumatic Pneumatic muffler open
Structural design	T-shape
Symbol	00992043
Operating pressure for max. suction rate	3 bar
Operating pressure	1 bar ... 8 bar
Operating pressure for max. vacuum	4.9 bar
Max. vacuum	92 %
Nominal operating pressure	6 bar
Max. suction rate with respect to atmosphere	7.2 l/min
Air supply time at nominal operating pressure	3.63 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-B1/B2-L
Temperature of medium	0 °C ... 60 °C
Cleaning advice	Soap suds
Noise level at nominal operating pressure	56 dB(A)
Ambient temperature	0 °C ... 60 °C
Max. tightening torque	0.5 Nm
Product weight	49 g
Type of mounting	With through-hole With H-rail With accessories
Pneumatic connection 1	G1/8
Pneumatic connection 3	Pneumatic muffler open
Vacuum connection	G1/8
Material of connecting thread	Wrought aluminum alloy, anodized
Note on materials	RoHS-compliant

Feature	Value
Seals material	NBR
Female nozzle material	POM
Housing material	POM-reinforced
Muffler material	PE
Material of screws	Steel
Material of jet nozzle	Wrought aluminum alloy