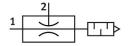
## Vacuum generator VN-10-L-T4-PQ2-VQ3-RO2 Part number: 549253

**FESTO** 





## **Data sheet**

Nominal width of Laval nozzle  Width dimension  18 mm  Muffler construction type  Mounting position  Ejector characteristics  High suction rate Standard  Integrated function  Pneumatic muffler open  Structural design  Operating pressure for max. suction rate  Operating pressure  Nominal operating pressure  Air supply time at nominal operating pressure  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)  LABS (PWIS) conformity  VDMA24364 zone III  Temperature of medium  O °C60 °C  Max. tightening torque  O.5 Nm  Product weight  Type of mounting  With through-hole With accessories  Pneumatic connection 1  Pneumatic suppliant  O SS-8  Note on materials  RoHS-compliant	Value	
Muffler construction type  Mounting position  Any  Ejector characteristics  High suction rate Standard  Integrated function  Pneumatic muffler open  Tr-shape  Operating pressure for max. suction rate  Operating pressure  1 bar8 bar  Nominal operating pressure  6 bar  Max. suction rate with respect to atmosphere  Air supply time at nominal operating pressure  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 zone III  Temperature of medium  Noise level at nominal operating pressure  72 dB(A)  Ambient temperature  0 °C60 °C  Max. tightening torque  O.5 Nm  Product weight  79 of mounting  With through-hole With accessories  Pneumatic connection 1  QS-6  Pneumatic connection 3  Pneumatic muffler open  Vacuum connection  QS-8  Note on materials  RoHS-compliant	of Laval nozzle 0.95 n	ım
Mounting position  Any  Ejector characteristics  High suction rate Standard  Integrated function  Pneumatic muffler open  Structural design  Operating pressure for max. suction rate  4 bar  Operating pressure  1 bar8 bar  Nominal operating pressure  Air supply time at nominal operating pressure  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 zone III  Temperature of medium  0 °C60 °C  Noise level at nominal operating pressure  72 dB(A)  Ambient temperature  0 °C60 °C  Max. tightening torque  0.5 Nm  Product weight  36 g  Type of mounting  With through-hole With accessories  Pneumatic connection 1  QS-6  Pneumatic connection 3  Pneumatic muffler open  Vacuum connection  QS-8  Note on materials  RoHS-compliant	on 18 mm	1
Ejector characteristics    High suction rate   Standard     Integrated function   Pneumatic muffler open	oction type Open	
Standard Integrated function Pneumatic muffler open Structural design T-shape Operating pressure for max. suction rate 4 bar Operating pressure I bar8 bar Nominal operating pressure 6 bar Max. suction rate with respect to atmosphere 62.7 I/min Air supply time at nominal operating pressure 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 zone III Temperature of medium 0 °C60 °C Noise level at nominal operating pressure 72 dB(A) Ambient temperature 0 °C60 °C Max. tightening torque 0.5 Nm Product weight 7ype of mounting With through-hole With accessories Pneumatic connection 1 QS-6 Pneumatic connection 3 Pneumatic muffler open Vacuum connection QS-8 Note on materials RoHS-compliant Seals material	tion Any	
Structural design  Operating pressure for max. suction rate  Operating pressure  I bar8 bar  Nominal operating pressure  Air supply time at nominal operating pressure  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)  LABS (PWIS) conformity  VDMA24364 zone III  Temperature of medium  O °C60 °C  Noise level at nominal operating pressure  O °C60 °C  Max. tightening torque  O °C60 °C  Max. tightening torque  O.5 Nm  Product weight  Type of mounting  With through-hole With accessories  Pneumatic connection 1  QS-6  Pneumatic connection 3  Pneumatic muffler open  Vacuum connection  NBR		
Operating pressure for max. suction rate  Operating pressure  I bar8 bar  Nominal operating pressure  6 bar  Max. suction rate with respect to atmosphere Air supply time at nominal operating pressure 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 zone III Temperature of medium 0 °C60 °C Noise level at nominal operating pressure 72 dB(A) Ambient temperature 0 °C60 °C Max. tightening torque 0.5 Nm Product weight 36 g Type of mounting With through-hole With accessories Pneumatic connection 1 QS-6 Pneumatic connection 3 Pneumatic muffler open Vacuum connection QS-8 Note on materials RoHS-compliant Seals material	ction Pneum	natic muffler open
Operating pressure  Nominal operating pressure  Max. suction rate with respect to atmosphere  Air supply time at nominal operating pressure  O.46 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 zone III  Temperature of medium  O °C60 °C  Noise level at nominal operating pressure  72 dB(A)  Ambient temperature  O °C60 °C  Max. tightening torque  O.5 Nm  Product weight  36 g  Type of mounting  With through-hole With accessories  Pneumatic connection 1  QS-6  Pneumatic connection 3  Pneumatic muffler open  Vacuum connection  QS-8  Note on materials  RoHS-compliant  NBR	gn T-shap	ie
Nominal operating pressure  Max. suction rate with respect to atmosphere  Air supply time at nominal operating pressure  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 zone III  Temperature of medium  0 °C60 °C  Noise level at nominal operating pressure  72 dB(A)  Ambient temperature  0 °C60 °C  Max. tightening torque  0.5 Nm  Product weight  36 g  Type of mounting  With through-hole With accessories  Pneumatic connection 1  QS-6  Pneumatic connection 3  Pneumatic muffler open  Vacuum connection  QS-8  Note on materials  RoHS-compliant  NBR	sure for max. suction rate 4 bar	
Max. suction rate with respect to atmosphere  Air supply time at nominal operating pressure  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 zone III  Temperature of medium  O °C60 °C  Noise level at nominal operating pressure  72 dB(A)  Ambient temperature  O °C60 °C  Max. tightening torque  Product weight  Type of mounting  With through-hole With accessories  Pneumatic connection 1  QS-6  Pneumatic connection 3  Pneumatic muffler open  Vacuum connection  QS-8  Note on materials  ROHS-compliant  NBR	sure 1 bar	.8 bar
Air supply time at nominal operating pressure  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 zone III  Temperature of medium  0 °C60 °C  Noise level at nominal operating pressure  72 dB(A)  Ambient temperature  0 °C60 °C  Max. tightening torque  9.5 Nm  Product weight  36 g  Type of mounting  With through-hole With accessories  Pneumatic connection 1  QS-6  Pneumatic connection 3  Pneumatic muffler open  Vacuum connection  QS-8  Note on materials  ROHS-compliant  NBR	ting pressure 6 bar	
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 zone III  Temperature of medium 0 °C60 °C Noise level at nominal operating pressure 72 dB(A) Ambient temperature 0 °C60 °C Max. tightening torque 0.5 Nm  Product weight 36 g  Type of mounting With through-hole With accessories  Pneumatic connection 1 QS-6 Pneumatic connection 3 Pneumatic muffler open Vacuum connection QS-8 Note on materials RoHS-compliant Seals material	ate with respect to atmosphere 62.7 l,	/min
Information on operating and pilot media  Corrosion resistance class (CRC)  LABS (PWIS) conformity  Temperature of medium  O °C60 °C  Noise level at nominal operating pressure  Ambient temperature  O °C60 °C  Max. tightening torque  Product weight  Type of mounting  With through-hole With accessories  Pneumatic connection 1  Pneumatic connection 3  Pneumatic muffler open  Vacuum connection  QS-8  Note on materials  RoHS-compliant  Seals material	at nominal operating pressure 0.46 s	
Corrosion resistance class (CRC)  LABS (PWIS) conformity  VDMA24364 zone III  Temperature of medium  O °C60 °C  Noise level at nominal operating pressure  72 dB(A)  Ambient temperature  O °C60 °C  Max. tightening torque  O.5 Nm  Product weight  36 g  Type of mounting  With through-hole With accessories  Pneumatic connection 1  QS-6  Pneumatic connection 3  Pneumatic muffler open  Vacuum connection  QS-8  Note on materials  RoHS-compliant  Seals material	ium Compr	essed air as per ISO 8573-1:2010 [7:4:4]
LABS (PWIS) conformity  Temperature of medium  O °C60 °C  Noise level at nominal operating pressure  72 dB(A)  Ambient temperature  O °C60 °C  Max. tightening torque  O.5 Nm  Product weight  36 g  Type of mounting  With through-hole With accessories  Pneumatic connection 1  QS-6  Pneumatic connection 3  Pneumatic muffler open  Vacuum connection  QS-8  Note on materials  ROHS-compliant  Seals material	operating and pilot media Opera	tion with oil lubrication not possible
Temperature of medium  O °C60 °C  Noise level at nominal operating pressure  72 dB(A)  Ambient temperature  O °C60 °C  Max. tightening torque  O.5 Nm  Product weight  36 g  Type of mounting  With through-hole With accessories  Pneumatic connection 1  QS-6  Pneumatic connection 3  Pneumatic muffler open  Vacuum connection  QS-8  Note on materials  RoHS-compliant  Seals material	tance class (CRC) 1 - Lov	v corrosion stress
Noise level at nominal operating pressure  72 dB(A)  Ambient temperature  0 °C60 °C  Max. tightening torque  75 dB(A)  0.5 Nm  Product weight  36 g  Type of mounting  With through-hole With accessories  Pneumatic connection 1  QS-6  Pneumatic connection 3  Pneumatic muffler open  Vacuum connection  QS-8  Note on materials  RoHS-compliant  Seals material	onformity	24364 zone III
Ambient temperature 0 °C60 °C  Max. tightening torque 0.5 Nm  Product weight 36 g  Type of mounting With through-hole With accessories  Pneumatic connection 1 QS-6  Pneumatic connection 3 Pneumatic muffler open  Vacuum connection QS-8  Note on materials RoHS-compliant  Seals material NBR	f medium 0 °C	60 °C
Max. tightening torque  O.5 Nm  Product weight  Type of mounting  With through-hole With accessories  Pneumatic connection 1  Pneumatic connection 3  Pneumatic muffler open  Vacuum connection  QS-8  Note on materials  RoHS-compliant  Seals material  NBR	nominal operating pressure 72 dB	(A)
Product weight 36 g  Type of mounting With through-hole With accessories  Pneumatic connection 1 QS-6  Pneumatic connection 3 Pneumatic muffler open  Vacuum connection QS-8  Note on materials RoHS-compliant  Seals material NBR	erature 0 °C	60 °C
Type of mounting  With through-hole With accessories  Pneumatic connection 1  QS-6  Pneumatic connection 3  Pneumatic muffler open  Vacuum connection  QS-8  Note on materials  RoHS-compliant  Seals material  NBR	g torque 0.5 Nr	n
With accessories  Pneumatic connection 1  Pneumatic connection 3  Pneumatic muffler open  Vacuum connection  QS-8  Note on materials  RoHS-compliant  Seals material  NBR	36 g	
Pneumatic connection 3 Pneumatic muffler open  Vacuum connection QS-8 Note on materials RoHS-compliant Seals material NBR		
Vacuum connection     QS-8       Note on materials     RoHS-compliant       Seals material     NBR	nection 1 QS-6	
Note on materials RoHS-compliant Seals material NBR	nection 3 Pneum	natic muffler open
Seals material NBR	ction QS-8	
	als RoHS-	compliant
<u> </u>	NBR	
Female nozzle material POM	material POM	
Housing material POM-reinforced	ial POM-r	einforced

Feature	Value
	Die-cast aluminum POM PU foam
Material of jet nozzle	Wrought aluminum alloy
Material of pneumatic fitting	Brass Nickel-plated