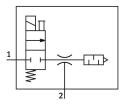
Vacuum generator VN-14-H-T4-PQ3-VQ3-RO2-M Part number: 532644

FESTO





Data sheet

Midfler construction type Open Mounting position Any Ejector characteristics Any Binding regative pressure Manual override Mounting override Mounting override Mounting override Mounting resture Manual override Mounting with the pressure Manual override Mondetenting Shut off valve, electric Pneumatic muffler open Structural design T-shape Valve function 2/2 Operating pressure for max. suction rate 4 bar Operating pressure Operating pressure 2 bar8 bar Operating pressure 6 bar Max. vacuum 92 % Nominal operating pressure 6 bar Max. suction rate with respect to atmosphere 48.8 l/min Air supply time at nominal operating pressure 0.5 s 0.0 operating voltage range 21.6 V26.4 V Electrical power consumption 1.2 W Duty cycle 100% 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 Femperature of medium O °C50 °C Noise level at nominal operating pressure 0 °C50 °C Ambient temperature Product weight 98 g	Feature	Value
Muffler construction type Mounting position Any Standard High negative pressure Manual override Mounting function Shut off valve, electric Pneumatic muffler open Structural design T-shape Valve function 2/2 Operating pressure for max. suction rate Operating pressure Departing pressure 2 bar8 bar Operating pressure for max. vacuum 3.5 bar Max. vacuum 92 % Monomial operating pressure 6 bar Max. suction rate with respect to atmosphere 4.8.8 l/min Air supply time at nominal operating pressure 0.5 s DC operating voltage range 21.6 V26.4 V Electrical power consumption 1.2 W Duty cycle 100% Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Corrosion resistance class (CRC) 1 - Low corrosion stress LABS (PWIS) conformity VDMA24364 zone III Femperature of medium O °C50 °C Nomber of the structural design of the structure of the structural design of the structural des	Nominal width of Laval nozzle	1.4 mm
Mounting position Ejector characteristics Standard High negative pressure Manual override Non-detenting Integrated function Shut off valve, electric Pneumatic muffler open Structural design T-shape Valve function 2/2 Operating pressure for max. suction rate 4 bar Operating pressure 2 bar8 bar Operating pressure 2 bar8 bar Max. vacuum 92 % Nominal operating pressure 6 bar Max. suction rate with respect to atmosphere 48.8 I/min Air supply time at nominal operating pressure 0.5 s Oc operating voltage range 21.6 V26.4 V Electrical power consumption 1.2 W Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media 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 Femperature of medium O °C50 °C Nowlise level at nominal operating pressure O °C50 °C Product weight	Width dimension	18 mm
Ejector characteristics Manual override Manual override Manual override Mon-detenting Shut off valve, electric Pneumatic muffler open Structural design T-shape Valve function Deparating pressure for max. suction rate Operating pressure Operating pressure for max. vacuum 3.5 bar Max. vacuum 92 % Nominal operating pressure 6 bar Max. suction rate with respect to atmosphere Air supply time at nominal operating pressure Oc operating voltage range Electrical power consumption Duty cycle 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 VDMA24364 zone III Gemperature of medium O °C50 °C Product weight Ambient temperature O °C50 °C Product weight Product weight	Muffler construction type	Open
High negative pressure Manual override Non-detenting Shut off valve, electric Pneumatic muffler open Structural design T-shape Valve function 2/2 Operating pressure for max. suction rate 4 bar Operating pressure Operating pressure 2 bar8 bar Operating pressure for max. vacuum 3.5 bar Max. vacuum 92 % Nominal operating pressure 6 bar Max. suction rate with respect to atmosphere 48.8 l/min Air supply time at nominal operating pressure 0 coperating voltage range 21.6 V26.4 V Electrical power consumption 1.2 W Outy cycle Departing 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 Emperature of medium 0 ° C50 ° C Noise level at nominal operating pressure 69 dB(A) Degree of protection Ambient temperature 0 ° C50 ° C Product weight	Mounting position	Any
Shut off valve, electric Pneumatic muffler open Structural design T-shape Valve function 2/2 Operating pressure for max. suction rate Deprating pressure Operating pressure Oberating pressure Operating pressure Oberating voltage range Oberating voltage range Oberating voltage range Oberating medium Operating medium Operating medium Operating medium Operating medium Operating medium Operating on operating and pilot media Operating voltage range Operating voltage range Operating medium Operating medium Operating medium Operating medium Operating on operating and pilot media Operating woltage range Operating woltage range Operating medium Operating woltage range Operating medium Operating medium Operating woltage range Operating medium Operating woltage range Operating woltage range Operating medium Operating medium Operating woltage range Operating voltage range Operating voltage range Operating voltage range Ope	Ejector characteristics	
Pneumatic muffler open Structural design T-shape Valve function 2/2 Operating pressure for max. suction rate 4 bar Operating pressure 2 bar8 bar Operating pressure for max. vacuum 3.5 bar Max. vacuum 92 % Nominal operating pressure 6 bar Max. suction rate with respect to atmosphere Max. suction rate with respect to atmosphere 0.5 s Oc operating voltage range 21.6 V26.4 V Electrical power consumption 1.2 W Outy cycle 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 Femperature of medium 0 ° C50 ° C Noise level at nominal operating pressure 69 dB(A) Degree of protection Ambient temperature Product weight 98 g	Manual override	Non-detenting
Valve function 2/2 Operating pressure for max. suction rate 4 bar Operating pressure 2 bar8 bar Operating pressure for max. vacuum 3.5 bar Max. vacuum 92 % Nominal operating pressure 6 bar Max. suction rate with respect to atmosphere 48.8 l/min Air supply time at nominal operating pressure 0.5 s OC operating voltage range 21.6 V26.4 V Electrical power consumption 1.2 W Outy cycle 100% 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 °C50 °C Noise level at nominal operating pressure 69 dB(A) Degree of protection Ambient temperature 0 °C50 °C Product weight	Integrated function	
Departing pressure for max. suction rate 2 bar8 bar Departing pressure for max. vacuum 3.5 bar Max. vacuum 92 % Nominal operating pressure 6 bar Max. suction rate with respect to atmosphere 48.8 l/min Air supply time at nominal operating pressure 0.5 s Departing voltage range 21.6 V26.4 V Electrical power consumption 1.2 W Duty cycle 100% Departing 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 °C50 °C Noise level at nominal operating pressure 69 dB(A) Degree of protection IP40 Ambient temperature Product weight 98 g	Structural design	T-shape
Departing pressure Departing pressure Departing pressure for max. vacuum 3.5 bar 92 % Nominal operating pressure 6 bar Max. suction rate with respect to atmosphere Air supply time at nominal operating pressure DC operating voltage range Electrical power consumption 1.2 W Duty cycle 100% Departing medium Compressed air as per ISO 8573-1:2010 [7:4:4] Departing medium on operating and pilot media Corrosion resistance class (CRC) 1 - Low corrosion stress LABS (PWIS) conformity VDMA24364 zone III Temperature of medium 0 °C50 °C Noise level at nominal operating pressure 69 dB(A) Degree of protection IP40 Ambient temperature Product weight 98 g	Valve function	2/2
Derating pressure for max. vacuum 3.5 bar Max. vacuum 92 % Nominal operating pressure 6 bar Max. suction rate with respect to atmosphere Air supply time at nominal operating pressure DC operating voltage range Electrical power consumption 1.2 W Duty cycle 100% Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Corrosion resistance class (CRC) 1 - Low corrosion stress LABS (PWIS) conformity VDMA24364 zone III Temperature of medium 0 °C50 °C Noise level at nominal operating pressure 69 dB(A) Degree of protection IP40 Ambient temperature Product weight 98 g	Operating pressure for max. suction rate	4 bar
Max. vacuum Nominal operating pressure Max. suction rate with respect to atmosphere Air supply time at nominal operating pressure O.5 s DC operating voltage range 21.6 V26.4 V Electrical power consumption 1.2 W Duty cycle 100% 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 Femperature of medium O °C50 °C Noise level at nominal operating pressure OPegree of protection IP40 Ambient temperature O °C50 °C Product weight Product weight	Operating pressure	2 bar8 bar
Nominal operating pressure Max. suction rate with respect to atmosphere Air supply time at nominal operating pressure DC operating voltage range Electrical power consumption Duty cycle Departing medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Corrosion resistance class (CRC) LABS (PWIS) conformity VDMA24364 zone III Temperature of medium Oeration with oil lubrication not possible Oeration with oil not possible Oeration voltage range Oeration with oil not possible Oeration resistance class (CRC) 1 - Low corrosion stress LABS (PWIS) conformity VDMA24364 zone III Oeration voltage range Oeration voltage range Oeration voltage range Oeration voltage range IP40 Ambient temperature Oeration voltage range Assume the present of the properties of t	Operating pressure for max. vacuum	3.5 bar
Max. suction rate with respect to atmosphere Air supply time at nominal operating pressure DC operating voltage range 21.6 V26.4 V Electrical power consumption 1.2 W Duty cycle 100% Deperating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Corrosion resistance class (CRC) 1 - Low corrosion stress LABS (PWIS) conformity VDMA24364 zone III Temperature of medium 0 °C50 °C Noise level at nominal operating pressure 69 dB(A) Degree of protection IP40 Ambient temperature Product weight 98 g	Max. vacuum	92 %
Air supply time at nominal operating pressure O. 5 s D. C operating voltage range 21.6 V26.4 V Electrical power consumption 1.2 W Duty cycle 100% 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 °C50 °C Noise level at nominal operating pressure 69 dB(A) Degree of protection IP40 Ambient temperature 98 g	Nominal operating pressure	6 bar
DC operating voltage range 21.6 V26.4 V Electrical power consumption 1.2 W Duty cycle 100% 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 °C50 °C Noise level at nominal operating pressure 69 dB(A) Degree of protection IP40 Ambient temperature 0 °C50 °C Product weight 98 g	Max. suction rate with respect to atmosphere	48.8 l/min
Electrical power consumption 1.2 W Duty cycle 100% Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Corrosion resistance class (CRC) 1 - Low corrosion stress LABS (PWIS) conformity VDMA24364 zone III Temperature of medium 0 °C50 °C Noise level at nominal operating pressure 69 dB(A) Degree of protection IP40 Ambient temperature 0 °C50 °C Product weight 98 g	Air supply time at nominal operating pressure	0.5 s
Duty cycle Duty cycle Deprating 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 °C50 °C Noise level at nominal operating pressure 69 dB(A) Degree of protection IP40 Ambient temperature O °C50 °C Product weight 98 g	DC operating voltage range	21.6 V26.4 V
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 1 - Low corrosion stress LABS (PWIS) conformity VDMA24364 zone III Temperature of medium O °C50 °C Noise level at nominal operating pressure 69 dB(A) Degree of protection IP40 Ambient temperature O °C50 °C Product weight 98 g	Electrical power consumption	1.2 W
Information on operating and pilot media Operation with oil lubrication not possible 1 - Low corrosion stress LABS (PWIS) conformity VDMA24364 zone III Temperature of medium O °C50 °C Noise level at nominal operating pressure O By dB(A) Degree of protection IP40 Ambient temperature O °C50 °C Product weight P8 g	Duty cycle	100%
Corrosion resistance class (CRC) 1 - Low corrosion stress VDMA24364 zone III Temperature of medium 0 °C50 °C Noise level at nominal operating pressure 69 dB(A) Degree of protection IP40 Ambient temperature 0 °C50 °C Product weight 98 g	Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
LABS (PWIS) conformity VDMA24364 zone III Temperature of medium 0 °C50 °C Noise level at nominal operating pressure 69 dB(A) Degree of protection IP40 Ambient temperature 0 °C50 °C Product weight 98 g	Information on operating and pilot media	Operation with oil lubrication not possible
Temperature of medium 0 °C50 °C Noise level at nominal operating pressure 69 dB(A) Degree of protection IP40 Ambient temperature 0 °C50 °C Product weight 98 g	Corrosion resistance class (CRC)	1 - Low corrosion stress
Noise level at nominal operating pressure 69 dB(A) Degree of protection IP40 Ambient temperature 0 °C50 °C Product weight 98 g	LABS (PWIS) conformity	VDMA24364 zone III
Degree of protection IP40 Ambient temperature 0 °C50 °C Product weight 98 g	Temperature of medium	0 °C50 °C
Ambient temperature 0 °C50 °C Product weight 98 g	Noise level at nominal operating pressure	69 dB(A)
Product weight 98 g	Degree of protection	IP40
	Ambient temperature	0 °C50 °C
Electrical connection Plug	Product weight	98 g
	Electrical connection	Plug

Feature	Value
Type of mounting	With through-hole With H-rail With accessories
Pneumatic connection 1	QS-8
Pneumatic connection 3	Pneumatic muffler open
Vacuum connection	QS-8
Material of connecting thread	Wrought aluminum alloy, anodized
Note on materials	RoHS-compliant
Seals material	NBR
Female nozzle material	РОМ
Housing material	PA-reinforced POM-reinforced
Muffler material	Wrought aluminum alloy POM PU foam
Material of screws	Steel
Material of jet nozzle	Wrought aluminum alloy
Material of pneumatic fitting	Brass Nickel-plated