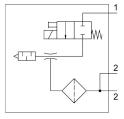
## Vacuum generator VADM-300 Part number: 162505





## **Data sheet**

With dimension22 mmWufth dimension22 mmWufther construction typeClosedWounting positionAnyStrade of filtration40 µmWanual overrideNon-detentingIntegrated functionShut off valve, electric Compressed air filterZalve functionClosedOperating pressure0.2 MPa0.8 MPa 2 bar8 bar 29 psi116 psiWax. vacuum85 %Nominal operating pressure0.6 MPa 6 bar 87 psiAir supply time at nominal operating pressure0.2 6 sOC operating voltage range21.6 V26.4 VDuty cycle100%CertificationCurressed air as per ISO 8573-1:2010 [7:4:4]Orgenating and pilot mediaOperation stressABS (PWIS) conformityVDMA24364-B1/B2-LPersenating of protectionP65Ambient temperature0 °C60 °C	Feature	Value
Wuffler construction typeClosedMounting positionAnyEjector characteristicsHigh vacuumGrade of filtration40 µmWanual overrideNon-detentingntegrated functionShut off valve, electric Compressed air filter/alve functionClosedOperating pressure0.2 MPa0.8 MPa 2 bar8 bar 2 psi116 psiWax. vacuum85 %Nominal operating pressure0.6 MPa 6 bar 87 psiOc operating voltage range0.26 sOC operating voltage range21.6 V26.4 VDuty cycle100%Certificationc UL us - Recognized (OL)Operating mediumOperation sentersAss (PKC)2 - Moderate corrosion stressAss (PKC)2 - Moderate corrosion stressAss (PKIS) conformityVDMA24364-B1/B2-LDegree of protectionIP65Ambient temperature0 °C60 °C	Nominal width of Laval nozzle	3 mm
Wounting positionAnyEjector characteristicsHigh vacuumGrade of filtration40 µmManual overrideNon-detentingIntegrated functionShut off valve, electric Compressed air filterValve functionClosedOperating pressure0.2 MPa0.8 MPa 2 bar8 bar 29 psi116 psiMax. vacuum85 %Nominal operating pressure0.6 MPa 6 bar 87 psiOC equating voltage range0.6 MPa 6 bar 87 psiAir supply time at nominal operating pressure0.26 sOC operating voltage range21.6 V26.4 VDuty cycle100%Certificationc UL us - Recognized (OL)Operating mediumOmpressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil lubrication not possibleCorrosion resistance class (CRC)2 Moderate corrosion stressAAS (PWIS) conformityVDMA24364-B1/B2-LCerege of protectionIP65Ambient temperature0 °C60 °C	Width dimension	22 mm
Ejector characteristicsHigh vacuumGrade of filtration40 µmWanual overrideNon-detentingIntegrated functionShut off valve, electric Compressed air filterValve functionClosedOperating pressure0.2 MPa0.8 MPa 2 bar8 bar 29 psi116 psiWax. vacuum85 %Vominal operating pressure0.6 MPa 6 bar 87 psiOctoperating voltage range0.2.6 sDoperating voltage range2.1.6 V26.4 VDuty cycle100%Certificationc UL us - Recognized (OL)Operating mediumOperation with oil lubrication not possibleCorrosion resistance class (CRC)2 - Moderate corrosion stressCASS (PWIS) conformityVDMA24364-B1/B2-LPereperature of medium0 °C60 °CAmbient temperature0 °C60 °C	Muffler construction type	Closed
Tarde of filtration40 μmWanual overrideNon-detentingntegrated functionShut off valve, electric Compressed air filter/alve functionClosedOperating pressure0.2 MPa0.8 MPa 2 bar8 bar 29 psl116 psiMax. vacuum85 %Nominal operating pressure0.6 MPa 6 bar 87 psiAir supply time at nominal operating pressure0.6 MPa 6 bar 87 psiOc operating voltage range21.6 V26.4 VDuty cycle100%Certificationc UL us - Recognized (0L)Operating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]nformation on operating and pilot mediaOperation with oil lubrication not possibleCorosion resistance class (CRC)2 - Moderate corrosion stressABS (PWIS) conformityVDMA24364-B1/B2-LFemperature of medium0 °C60 °CAmbient temperature0 °C60 °C	Mounting position	Any
Manual overrideNon-detentingManual overrideNon-detentingntegrated functionShut off valve, electric Compressed air filter/alve functionClosedDperating pressure0.2 MPa0.8 MPa 2 bar8 bar 29 psi116 psiMax. vacuum85 %Vax. vacuum85 %Nominal operating pressure0.6 MPa 6 bar 87 psiAir supply time at nominal operating pressure0.26 sOC operating voltage range21.6 V26.4 VDuty cycle100%Certificationc UL us - Recognized (0L)Operating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]nformation on operating and pilot mediaOperation with oil lubrication not possibleCorosion resistance class (CRC)2 - Moderate corrosion stressABS (PWIS) conformityVDMA24364-B1/B2-LTemperature of medium0 °C60 °CAmbient temperature0 °C60 °C	Ejector characteristics	High vacuum
ntegrated functionShut off valve, electric Compressed air filter/alve functionClosedDeprating pressure0.2 MPa0.8 MPa 2 bar8 bar 29 psi116 psiMax. vacuum85 %Nominal operating pressure0.6 MPa 6 bar 87 psiAir supply time at nominal operating pressure0.26 sOC operating voltage range21.6 V26.4 VDuty cycle100%Certificationc UL us - Recognized (OL)Operating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]nformation on operating and pilot mediaOperation with oil lubrication not possibleCorrosion resistance class (CRC)2 - Moderate corrosion stressABS (PWIS) conformityVDMA24364-B1/B2-LPemperature of medium0 °C60 °CAmbient temperature0 °C60 °C	Grade of filtration	40 μm
Compressed air filter/alve functionClosedDeprating pressure0.2 MPa0.8 MPa 2 bar8 bar 29 psi116 psiMax. vacuum85 %Nominal operating pressure0.6 MPa 6 bar 87 psiAir supply time at nominal operating pressure0.26 sCo operating voltage range21.6 V26.4 VDuty cycle100%Certificationc UL us - Recognized (OL)Operating mediumOperation with oil lubrication not possibleCorrosion resistance class (CRC)2 - Moderate corrosion stressABS (PWIS) conformityVDMA24364-B1/B2-LPerperature of medium0 °C60 °CAmbient temperature0 °C60 °C	Manual override	Non-detenting
Operating pressure0.2 MPa0.8 MPa 2 bar8 bar 29 psi116 psiWax. vacuum85 %Nominal operating pressure0.6 MPa 6 bar 87 psiAir supply time at nominal operating pressure0.26 sOC operating voltage range21.6 V26.4 VDuty cycle100%Certificationc UL us - Recognized (OL)Operating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Operating non operating and pilot mediaOperation with oil lubrication not possibleCorrosion resistance class (CRC)2 - Moderate corrosion stressABS (PWIS) conformityVDMA24364-B1/B2-LFemperature of medium0 °C60 °CAmbient temperature0 °C60 °C	Integrated function	
2 bar8 bar 29 psi116 psiWax. vacuum85 %Nominal operating pressure0.6 MPa 6 bar 87 psiAir supply time at nominal operating pressure0.26 sOC operating voltage range21.6 V26.4 VDuty cycle100%Certificationc UL us - Recognized (OL)Operating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]nformation on operating and pilot mediaOperation with oil lubrication not possibleCorrosion resistance class (CRC)2 - Moderate corrosion stressABS (PWIS) conformityVDMA24364-B1/B2-LTemperature of medium0 °C60 °CAmbient temperature0 °C60 °C	Valve function	Closed
Nominal operating pressure0.6 MPa 6 bar 87 psiAir supply time at nominal operating pressure0.26 sDC operating voltage range21.6 V26.4 VDuty cycle100%Certificationc UL us - Recognized (OL)Operating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]nformation on operating and pilot mediaOperation with oil lubrication not possibleCorrosion resistance class (CRC)2 - Moderate corrosion stressABS (PWIS) conformityVDMA24364-B1/B2-LFemperature of medium0 °C60 °CAmbient temperature0 °C60 °C	Operating pressure	2 bar8 bar
6 bar 87 psiAir supply time at nominal operating pressure0.26 sOC operating voltage range21.6 V26.4 VDuty cycle100%Certificationc UL us - Recognized (OL)Operating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]nformation on operating and pilot mediaOperation with oil lubrication not possibleCorrosion resistance class (CRC)2 - Moderate corrosion stressABS (PWIS) conformityVDMA24364-B1/B2-LTemperature of medium0 °C60 °CAmbient temperature0 °C60 °C	Max. vacuum	85 %
DC operating voltage range21.6 V26.4 VDuty cycle100%Certificationc UL us - Recognized (OL)Deperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]nformation on operating and pilot mediaOperation with oil lubrication not possibleCorrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-LTemperature of medium0 °C60 °CDegree of protectionIP65Ambient temperature0 °C60 °C	Nominal operating pressure	6 bar
Duty cycle100%Certificationc UL us - Recognized (OL)Operating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]nformation on operating and pilot mediaOperation with oil lubrication not possibleCorrosion resistance class (CRC)2 - Moderate corrosion stressABS (PWIS) conformityVDMA24364-B1/B2-LTemperature of medium0 °C60 °CDegree of protectionIP65Ambient temperature0 °C60 °C	Air supply time at nominal operating pressure	0.26 s
Certificationc UL us - Recognized (OL)Operating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]nformation on operating and pilot mediaOperation with oil lubrication not possibleCorrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-LTemperature of medium0 °C60 °CDegree of protectionIP65Ambient temperature0 °C60 °C	DC operating voltage range	21.6 V26.4 V
Operating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]nformation on operating and pilot mediaOperation with oil lubrication not possibleCorrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-LTemperature of medium0 °C60 °CDegree of protectionIP65Ambient temperature0 °C60 °C	Duty cycle	100%
nformation on operating and pilot mediaOperation with oil lubrication not possibleCorrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-LTemperature of medium0 °C60 °CDegree of protectionIP65Ambient temperature0 °C60 °C	Certification	c UL us - Recognized (OL)
Corrosion resistance class (CRC)   2 - Moderate corrosion stress     LABS (PWIS) conformity   VDMA24364-B1/B2-L     Femperature of medium   0 °C60 °C     Degree of protection   IP65     Ambient temperature   0 °C60 °C	Operating medium	Compressed air as per ISO 8573-1:2010[7:4:4]
ABS (PWIS) conformity   VDMA24364-B1/B2-L     Temperature of medium   0 °C60 °C     Degree of protection   IP65     Ambient temperature   0 °C60 °C	Information on operating and pilot media	Operation with oil lubrication not possible
Femperature of medium 0 °C60 °C   Degree of protection IP65   Ambient temperature 0 °C60 °C	Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Degree of protection IP65   Ambient temperature 0 °C60 °C	LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature 0 °C60 °C	Temperature of medium	0 °C60 °C
	Degree of protection	IP65
	Ambient temperature	0 °C60 °C
roduct weight 340 g	Product weight	340 g
Electrical connection Plug	Electrical connection	Plug

## FESTO

Feature	Value
Type of mounting	With through-hole With internal thread Optionally:
Pneumatic connection 1	G1/4
Pneumatic connection 3	Pneumatic muffler integrated
Vacuum connection	G3/8
Note on materials	RoHS-compliant
Seals material	NBR
Female nozzle material	Brass, nickel-plated
Compressed air filter material	PA
Material of filter housing	PC
Housing material	Wrought aluminum alloy
Muffler material	PE POM
Material of piston	РОМ
Material of jet nozzle	Brass, nickel-plated