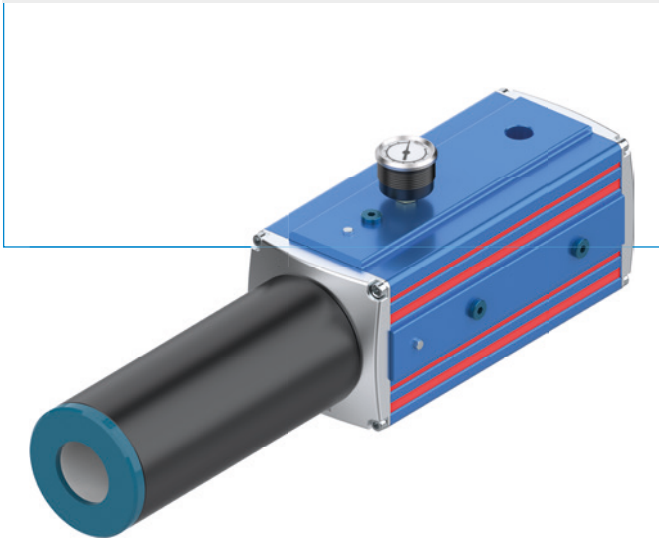


VACUUM EJECTOR

SERIES ZMP | INSTALLATION SIZE ZMP30312

▶ PRODUCT ADVANTAGES



▶ **Maximum performance for demanding applications**

The ZMP series was developed for applications with very high vacuum flow requirements and offers exceptionally high performance.

▶ **Sturdy and durable**

The durable aluminum housing is designed for reliable operation and protects the vacuum generator even in demanding applications.

▶ **Can be easily integrated**

Multiple vacuum connections, as well as optional integrated features such as a silencer, air control, blow-off valve, and vacuum switch, allow for flexible integration into various vacuum systems.

▶ **Certifications: LABS / REACH / RoHS**

▶ PRODUCT KEY

ZMP	30	303	A	AR3	DL	SP
Series	Vacuum cartridge type	Levels and number of vacuum cartridges	Pneumatic connection	Air and blow-off control valve	Connection type for air and blow-off control valve	Digital vacuum switch

► TECHNICAL DATA

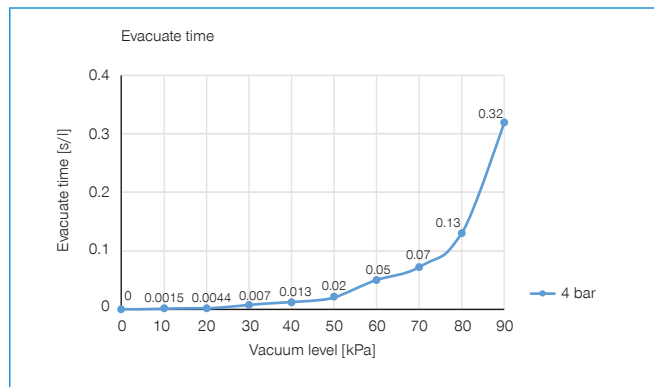
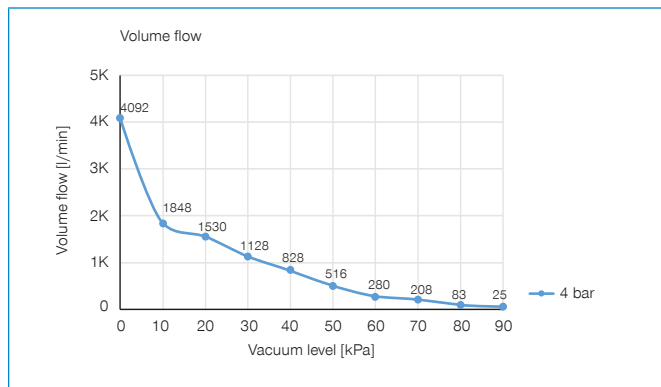
Order no.	► Technical data		
	ZMP30312-B	ZMP30312-B-AR3-DL-SN	ZMP30312-B-AR3-DL-SP
Max. vacuum level [kPa]	-92	-92	-92
Volume flow [l/min]	4092	4092	4092
Digital vacuum switch	No	Yes	Yes
Air-saving function	No	No	No
Switching output		NPN	PNP
Weight [kg]	4.5	4.5	4.5
Vacuum generator type	Vacuum cartridge	Vacuum cartridge	Vacuum cartridge
Vacuum cartridge type	ZVC303	ZVC303	ZVC303
Number of vacuum cartridges	12	12	12
Number of stages of the vacuum cartridge	3	3	3
Pneumatic connection	G1/2" inside	G1/2" inside	G1/2" inside
Number of compressed air connections	1	1	1
Air control valve	No	Yes	Yes
Air control valve version		NC	NC
Blow-off control valve	No	Yes	Yes
Voltage [V]		24	24
Solenoid valve	No	Yes	Yes
Electr. connection solenoid valve		Cable connection to plug	Cable connection to plug
Version with diode		Yes	Yes
Connection of the vacuum switch		Male connector, M8, 4-pin	Male connector, M8, 4-pin
Throttle check valve	No	No	No
Sealing material	NBR	NBR	NBR
Number of vacuum connections	1	1	1
Vacuum connection	G2" female	G2" female	G2" female
Silencer	Yes	Yes	Yes
Silencer type	Free-flow silencer	Free-flow silencer	Free-flow silencer
Vacuum filter	No	No	No
Operating pressure max. [bar]	7	7	7
Max. noise level [dB]	60	60	60
Air consumption at 2.2 bar [l/min]	1176	1176	1176
Air consumption at 4 bar [l/min]	1608	1608	1608
Operating temperature [°C]	-20 ... +80	-20 ... +80	-20 ... +80
Certifications	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS

VACUUM EJECTOR

SERIES ZMP | INSTALLATION SIZE ZMP30312

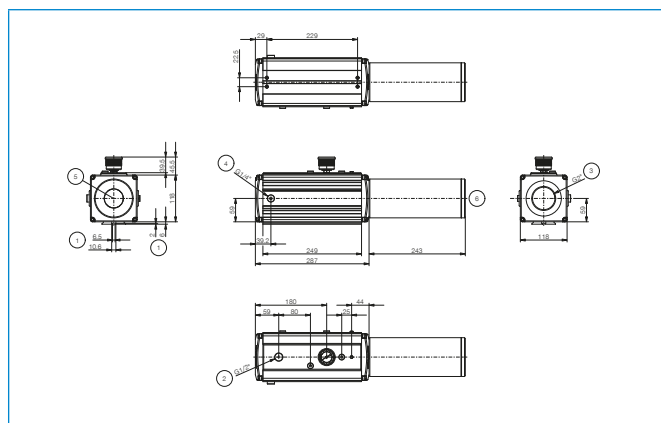
▶ DIAGRAMS

ZMP30312



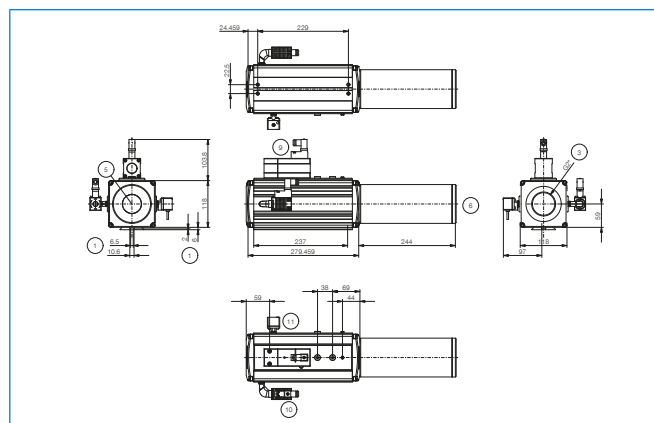
▶ TECHNICAL DRAWINGS

ZMP30312



- ① Fixing
- ② Pneumatic connection
- ③ Vacuum connection
- ④ Blow-off connection
- ⑤ Exhaust air/exhaust air valve
- ⑥ Silencer

ZMP30312-B-AR3-DL-SN / -SP



- ① Fixing
- ③ Vacuum connection
- ⑤ Exhaust air/exhaust air valve
- ⑥ Silencer
- ⑨ Air control valve
- ⑩ Blow-off control valve
- ⑪ Vacuum switch