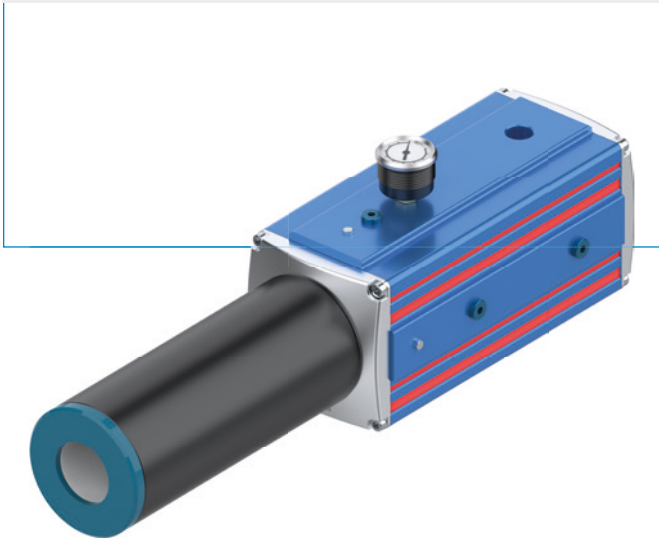


VACUUM EJECTOR

SERIES ZMP | INSTALLATION SIZE ZMP30312

▶ PRODUCT ADVANTAGES



▶ **Maximum performance for demanding applications**

The series ZMP 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

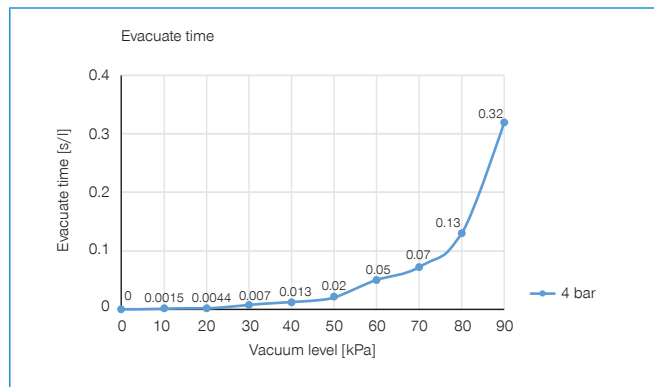
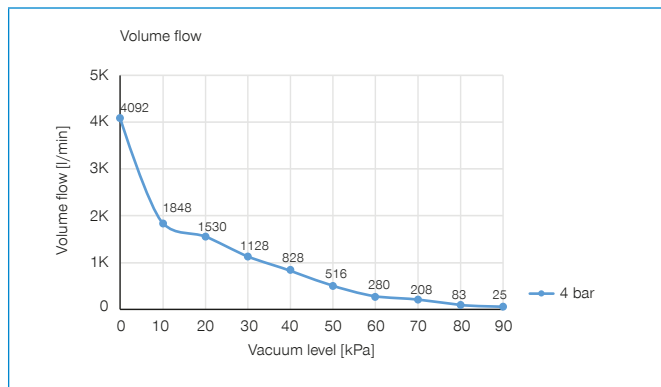
Order no.	► Technical data		
	ZMP30312-B	ZMP30312-B-AR3-DL-SN	ZMP30312-B-AR3-DL-SP
Max. vacuum level [kPa]	-92	-92	-92
Volume flow [l/min]	4092	4092	4092
Digital vacuum switch	No	Yes	Yes
Air-saving function	No	No	No
Switching output		NPN	PNP
Weight [kg]	4.5	4.5	4.5
Vacuum generator type	Vacuum cartridge	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" female	G1/2" female	G1/2" female
Number of pneumatic connections	1	1	1
Air control valve	No	Yes	Yes
Air control valve model		NC	NC
Blow-off control valve	No	Yes	Yes
Voltage [V]		24	24
Solenoid valve	No	Yes	Yes
Electrical connection for solenoid valve		Cable connection to male connector	Cable connection to male connector
Version with diode		Yes	Yes
Connecting 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

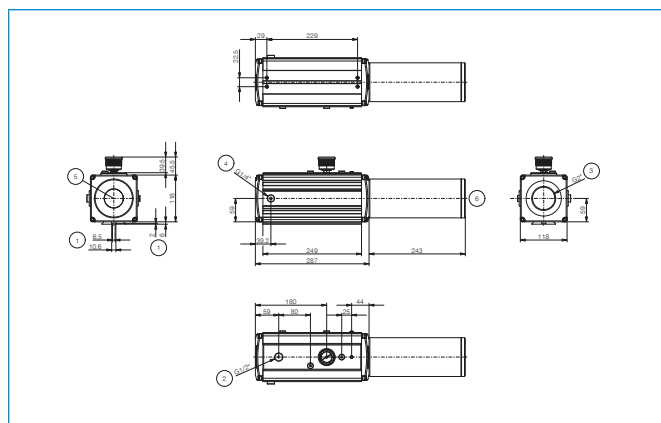
▶ DIAGRAMS

ZMP30312



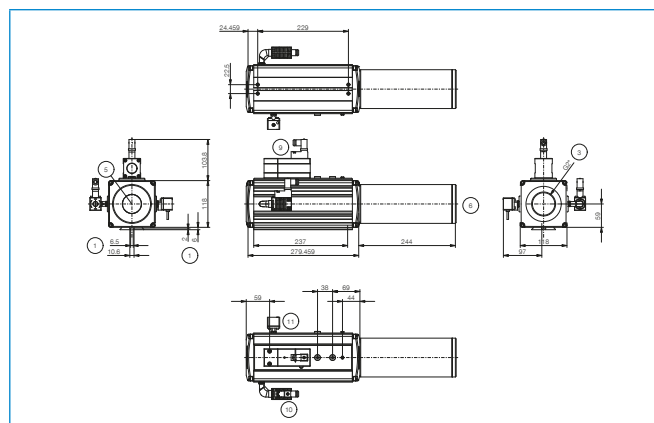
▶ TECHNICAL DRAWINGS

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