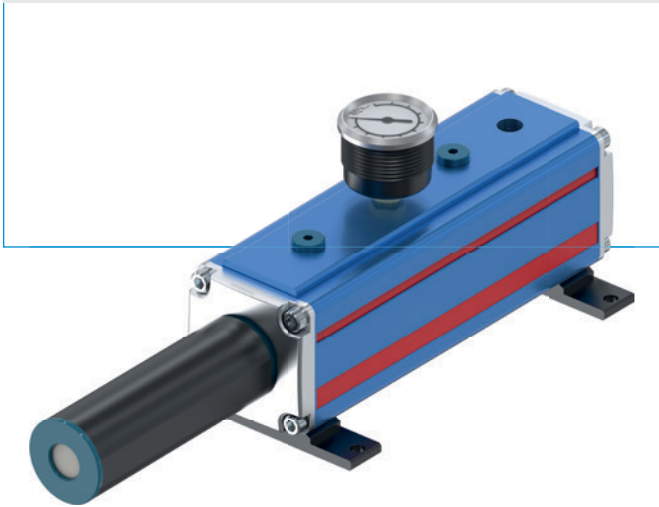


VACUUM EJECTOR

SERIES ZMP | INSTALLATION SIZE ZMP30304

▶ 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

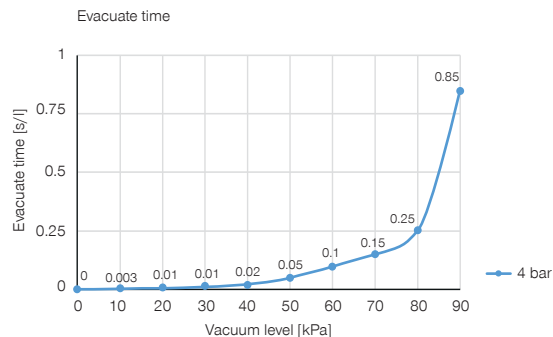
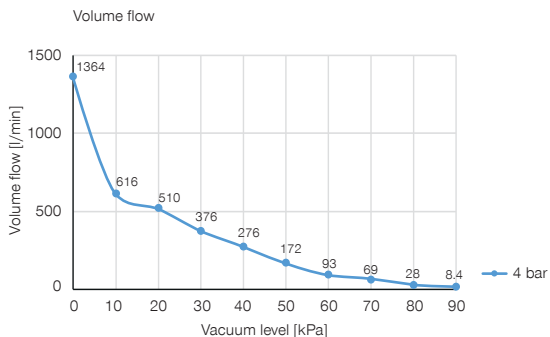
Order no.	► Technical data		
	ZMP30304-A	ZMP30304-A-AR3-DL-SN	ZMP30304-A-AR3-DL-SP
Max. vacuum level [kPa]	-92	-92	-92
Volume flow [l/min]	1364	1364	1364
Digital vacuum switch	No	Yes	Yes
Air-saving function	No	No	No
Switching output		NPN	PNP
Weight [kg]	1.5	1.5	1.5
Vacuum generator type	Vacuum cartridge	Vacuum cartridge	Vacuum cartridge
Vacuum cartridge type	ZVC303	ZVC303	ZVC303
Number of vacuum cartridges	4	4	4
Number of stages of the vacuum cartridge	3	3	3
Pneumatic connection	G1/4" female	G1/4" female	G1/4" 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	2	2	2
Vacuum connection	G3/4" female	G3/4" female	G3/4" female
Silencer	Yes	Yes	Yes
Silencer type	Standard silencer	Standard silencer	Standard 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]	388	388	388
Air consumption at 4 bar [l/min]	608	608	608
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 ZMP30304

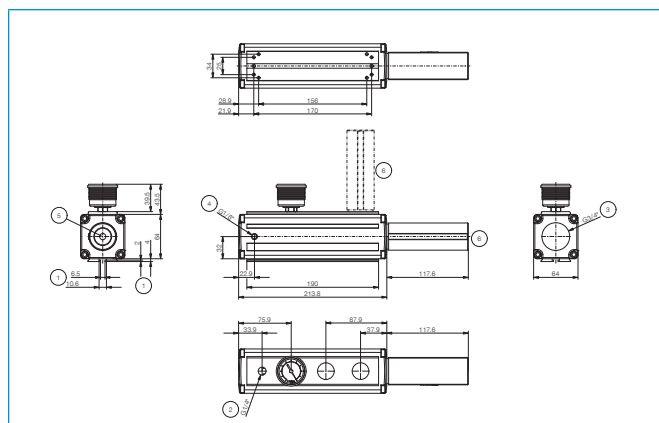
▶ DIAGRAMS

ZMP30304



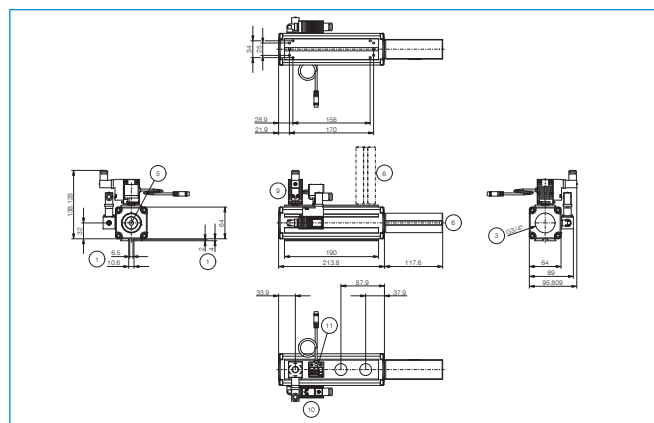
▶ TECHNICAL DRAWINGS

ZMP30304



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

ZMP30304-A-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