

VACUUM EJECTOR

SERIES ZKM / ZKX | INSTALLATION SIZE ZKM304 / ZKX304

▶ PRODUCT ADVANTAGES



▶ Compact all-in-one design

A vacuum generator, a silencer, a vacuum filter, air control, a blow-off function and a vacuum switch are all combined into a single compact unit.

▶ Flexible and space-saving

The compact design and the ability to combine multiple units allow for flexible adaptation to different applications and installation scenarios.

▶ Reliable and durable

The integrated filter with a self-cleaning function, robust seals and a design that ensures a rapid response guarantee reliable and long-lasting operation.

▶ Certifications: LABS / REACH / RoHS

▶ PRODUCT KEY

ZK	M	E	101	S	AR3	D	SP	6
Series	Increased volume flow	Air-saving function	Nozzle information	Number of generators	Air and blow-off control valve	Pneumatic connection	Digital vacuum switch	Vacuum connection

► TECHNICAL DATA

Order no.	► Technical data			
	ZKM304-S-AR3-DL-SN-8	ZKM304-S-AR3-DL-SP-8	ZKME304-S-AR3-D-SN-8	ZKME304-S-AR3-D-SP-8
Max. vacuum level [kPa]	-85	-85	-85	-85
Volume flow [l/min]	135	135	135	135
Digital vacuum switch	Yes	Yes	Yes	Yes
Air-saving function	No	No	Yes	Yes
Switching output	NPN	PNP	NPN	PNP
Weight [kg]	0.21	0.21	0.21	0.21
Vacuum generator type	Vacuum nozzle	Vacuum nozzle	Vacuum nozzle	Vacuum nozzle
Nozzle design	Mega	Mega	Mega	Mega
Number of nozzles	4	4	4	4
Body type	Simple module	Simple module	Simple module	Simple module
Pneumatic connection	M5 internal	M5 internal	M5 internal	M5 internal
Number of pneumatic connections	1	1	1	1
Air control valve	Yes	Yes	Yes	Yes
Air control valve model	NC	NC	NC	NC
Blow-off control valve	Yes	Yes	Yes	Yes
Voltage [V]	24	24	24	24
Solenoid valve	Yes	Yes	Yes	Yes
Electrical connection for solenoid valve	Cable connection to male connector	Cable connection to male connector	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	No
Sealing material	NBR	NBR	NBR	NBR
Number of vacuum connections	1	1	1	1
Vacuum connection	8 mm	8 mm	8 mm	8 mm
Silencer	No	No	No	No
Vacuum filter	Yes	Yes	Yes	Yes
Vacuum filter type	PE filter	PE filter	PE filter	PE filter
Operating pressure max. [bar]	6	6	7	7
Max. noise level [dB]			65	65
Air consumption at 6 bar [l/min]	78	78		
Operating temperature [°C]	-20 ... +80	-20 ... +80	-20 ... +80	-20 ... +80
Certifications	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS

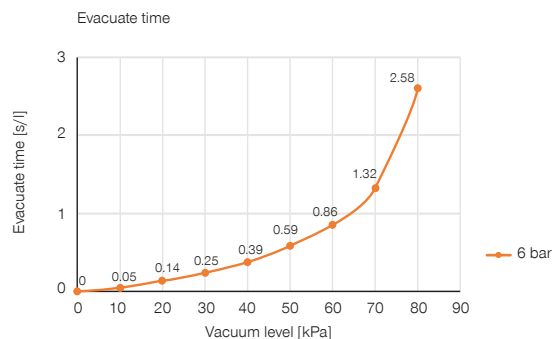
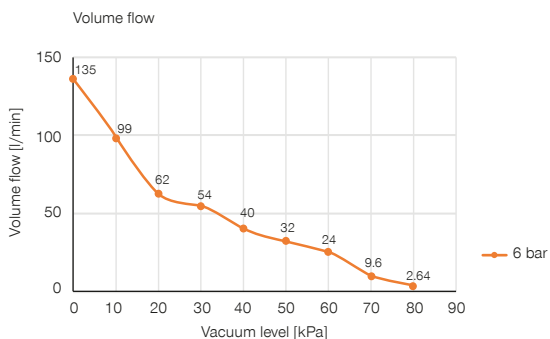
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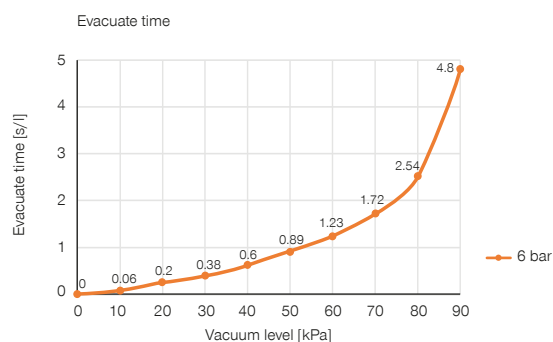
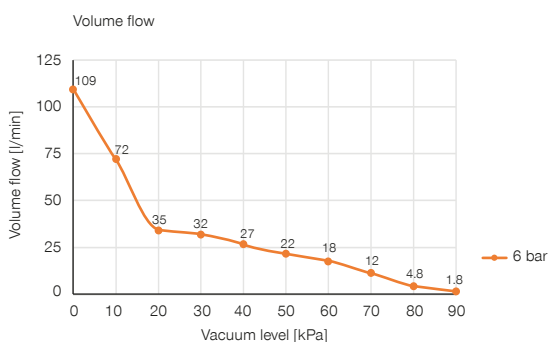
Order no.	► Technical data			
	ZKX304-S-AR3-DL-SN-8	ZKX304-S-AR3-DL-SP-8	ZKXE304-S-AR3-D-SN-8	ZKXE304-S-AR3-D-SP-8
Max. vacuum level [kPa]	-92	-92	-92	-92
Volume flow [l/min]	109	109	109	109
Digital vacuum switch	Yes	Yes	Yes	Yes
Air-saving function	No	No	Yes	Yes
Switching output	NPN	PNP	NPN	PNP
Weight [kg]	0.21	0.21	0.21	0.21
Vacuum generator type	Vacuum nozzle	Vacuum nozzle	Vacuum nozzle	Vacuum nozzle
Nozzle design	Mega	Mega	Mega	Mega
Number of nozzles	4	4	4	4
Body type	Simple module	Simple module	Simple module	Simple module
Pneumatic connection	M5 internal	M5 internal	M5 internal	M5 internal
Number of pneumatic connections	1	1	1	1
Air control valve	Yes	Yes	Yes	Yes
Air control valve model	NC	NC	NC	NC
Blow-off control valve	Yes	Yes	Yes	Yes
Voltage [V]	24	24	24	24
Solenoid valve	Yes	Yes	Yes	Yes
Electrical connection for solenoid valve	Cable connection to male connector	Cable connection to male connector	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	No
Sealing material	NBR	NBR	NBR	NBR
Number of vacuum connections	1	1	1	1
Vacuum connection	8 mm	8 mm	8 mm	8 mm
Silencer	No	No	No	No
Vacuum filter	Yes	Yes	Yes	Yes
Vacuum filter type	PE filter	PE filter	PE filter	PE filter
Operating pressure max. [bar]	6	6	7	7
Max. noise level [dB]			65	65
Air consumption at 6 bar [l/min]	88	88		
Operating temperature [°C]	-20 ... +80	-20 ... +80	-20 ... +80	-20 ... +80
Certifications	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS

▶ DIAGRAMS

ZKM304 / ZKME304

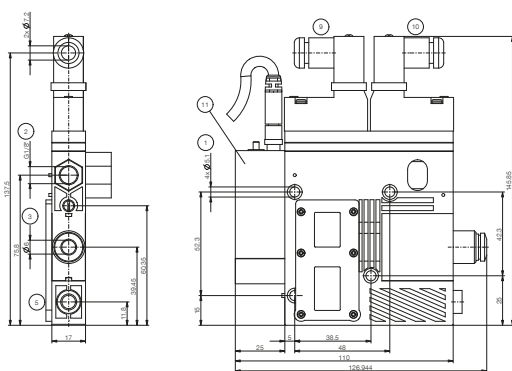


ZKX304 / ZKXE304



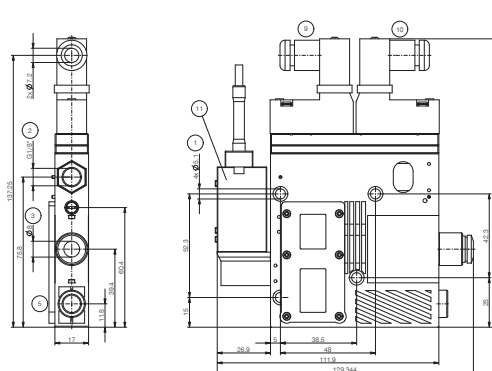
▶ TECHNICAL DRAWINGS

ZKM / ZKX304



- ① Fixing
- ② Pneumatic connection
- ③ Vacuum connection
- ⑤ Exhaust air/exhaust air valve
- ⑨ Air control valve
- ⑩ Blow-off control valve
- ⑪ Vacuum switch

ZKME / ZKXE304



- ① Fixing
- ② Pneumatic connection
- ③ Vacuum connection
- ⑤ Exhaust air/exhaust air valve
- ⑨ Air control valve
- ⑩ Blow-off control valve
- ⑪ Vacuum switch