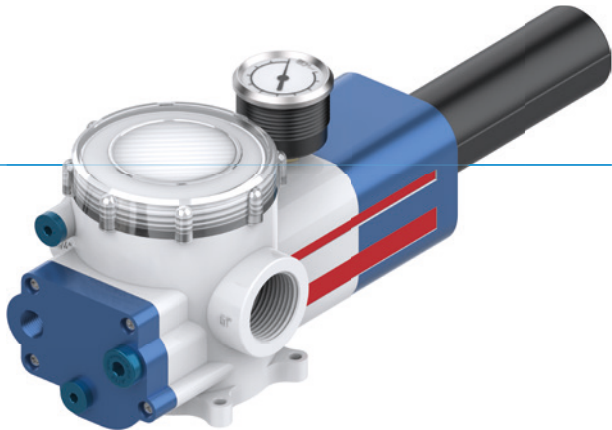


VACUUM EJECTOR

SERIES ZTP | INSTALLATION SIZE ZTP3033

▶ PRODUCT ADVANTAGES



▶ High performance with low air consumption

The series offers a wide performance range with high airflow and high vacuum levels. Thanks to the highly efficient vacuum cartridges, air consumption is reduced to a minimum.

▶ All-in-One Design

For versatile applications and easy integration. Every vacuum generator comes standard with a built-in vacuum filter and silencer. Depending on your requirements, an air control valve, blow-off control valve, vacuum sensor, or air-saving function is also available.

▶ Flexible and durable

Thanks to its versatile designs, the ZTP series can be flexibly adapted to a wide range of applications and requirements. Its robust construction and integrated, self-cleaning vacuum filter ensure reliable and long-lasting operation.

▶ Certifications: LABS / REACH / RoHS

▶ PRODUCT KEY

ZTP	L	E	30	32	AR3	DL	SP
Series	Increased volume flow	Air-saving function	Vacuum cartridge type	Levels and number of vacuum cartridges	Air and blow-off control valve	Connection type for air and blow-off control valve	Digital vacuum switch
ZTP	E	D	30	32	14	N	Q
Series	Air-saving function	Digital version	Vacuum cartridge type	Levels and number of vacuum cartridges	Vacuum connection	Switching output	Fast blow-off function

► TECHNICAL DATA

Order no.	► Technical data				
	ZTP3033	ZTP3033-AR3-DL-SN	ZTP3033-AR3-DL-SP	ZTPE3033-AR3-DL-SN	ZTPE3033-AR3-DL-SP
Max. vacuum level [kPa]	-92	-92	-92	-92	-92
Volume flow [l/min]	1023	1023	1023	1023	1023
Digital vacuum switch	No	Yes	Yes	Yes	Yes
Air-saving function	No	No	No	Yes	Yes
Switching output		NPN	PNP	NPN	PNP
Weight [kg]	1.1	1.1	1.1	1.1	1.1
Vacuum generator type	Vacuum cartridge	Vacuum cartridge	Vacuum cartridge	Vacuum cartridge	Vacuum cartridge
Vacuum cartridge type	ZVC303	ZVC303	ZVC303	ZVC303	ZVC303
Number of vacuum cartridges	3	3	3	3	3
Number of stages of the vacuum cartridge	3	3	3	3	3
Pneumatic connection	G1/4" inside	G1/4" inside	G1/4" inside	G1/4" inside	G1/4" inside
Number of compressed air connections	1	1	1	1	1
Air control valve	No	Yes	Yes	Yes	Yes
Air control valve version		NC	NC	NC	NC
Blow-off control valve	No	Yes	Yes	Yes	Yes
Voltage [V]		24	24	24	24
Solenoid valve	No	Yes	Yes	Yes	Yes
Electr. connection solenoid valve		Cable connection to plug	Cable connection to plug	Cable connection to plug	Cable connection to plug
Version with diode		Yes	Yes	Yes	Yes
Connection of the vacuum switch		Male connector, M8, 4-pin	Male connector, M8, 4-pin	Male connector, M8, 4-pin	Male connector, M8, 4-pin
Throttle check valve	No	No	No	No	No
Sealing material	NBR	NBR	NBR	NBR	NBR
Number of vacuum connections	2	2	2	2	2
Vacuum connection	G3/4" inside / G1" inside	G3/4" inside / G1" inside	G3/4" inside / G1" inside	G3/4" inside / G1" inside	G3/4" inside / G1" inside
Silencer	Yes	Yes	Yes	Yes	Yes
Silencer type	Standard silencer	Standard silencer	Standard silencer	Standard silencer	Standard silencer
Vacuum filter	Yes	Yes	Yes	Yes	Yes
Vacuum filter type	PE filter, 5µm	PE filter, 5µm	PE filter, 5µm	PE filter, 5µm	PE filter, 5µm
Operating pressure max. [bar]	7	7	7	7	7
Max. noise level [dB]	60	60	60	60	60
Air consumption at 4 bar [l/min]	456	456	456	456	456
Operating temperature [°C]	-20 ... +80	-20 ... +80	-20 ... +80	-20 ... +80	-20 ... +80
Certifications	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS

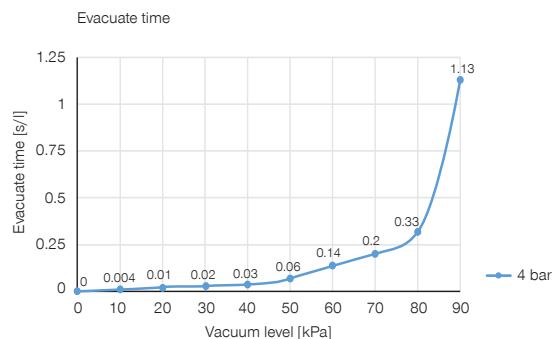
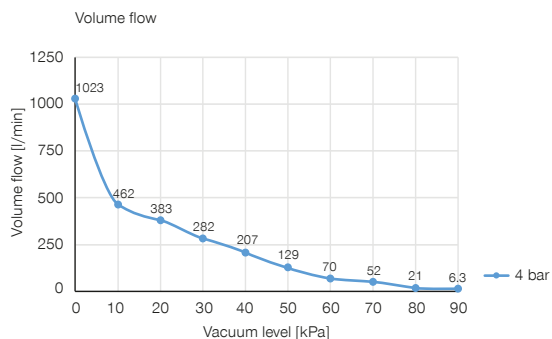
VACUUM EJECTOR

SERIES ZTP | INSTALLATION SIZE ZTP3033

Order no.	► Technical data			
	ZTPED3033-14-N	ZTPED3033-14-N-Q	ZTPED3033-14-P	ZTPED3033-14-P-Q
Max. vacuum level [kPa]	-92	-92	-92	-92
Volume flow [l/min]	1023	1023	1023	1023
Digital vacuum switch	Yes	Yes	Yes	Yes
Air-saving function	Yes	Yes	Yes	Yes
Switching output	NPN	NPN	PNP	PNP
Weight [kg]	1.1	1.1	1.1	1.1
Vacuum generator type	Vacuum cartridge	Vacuum cartridge	Vacuum cartridge	Vacuum cartridge
Vacuum cartridge type	ZVC303	ZVC303	ZVC303	ZVC303
Number of vacuum cartridges	3	3	3	3
Number of stages of the vacuum cartridge	3	3	3	3
Pneumatic connection	G1/4" inside	G1/4" inside	G1/4" inside	G1/4" inside
Number of compressed air connections	1	1	1	1
Air control valve	Yes	Yes	Yes	Yes
Air control valve version	NC	NC	NC	NC
Blow-off control valve	Yes	Yes	Yes	Yes
Voltage [V]	24	24	24	24
Solenoid valve	Yes	Yes	Yes	Yes
Connection of the vacuum switch	Male connector, M8, 6-pin	Male connector, M8, 6-pin	Male connector, M8, 6-pin	Male connector, M8, 6-pin
Throttle check valve	No	No	No	No
Sealing material	NBR	NBR	NBR	NBR
Number of vacuum connections	2	2	2	2
Vacuum connection	G3/4" inside / G1" inside	G3/4" inside / G1" inside	G3/4" inside / G1" inside	G3/4" inside / G1" inside
Silencer	Yes	Yes	Yes	Yes
Silencer type	Standard silencer	Standard silencer	Standard silencer	Standard silencer
Vacuum filter	Yes	Yes	Yes	Yes
Vacuum filter type	PE filter, 5µm	PE filter, 5µm	PE filter, 5µm	PE filter, 5µm
Operating pressure max. [bar]	7	7	7	7
Max. noise level [dB]	60	60	60	60
Operating temperature [°C]	-20 ... +80	-20 ... +80	-20 ... +80	-20 ... +80
Certifications	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS

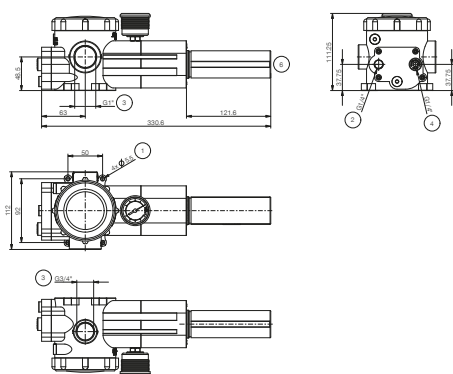
▶ DIAGRAMS

ZTP3033



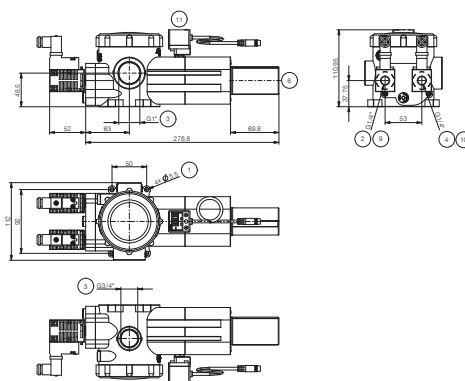
▶ TECHNICAL DRAWINGS

ZTP3033



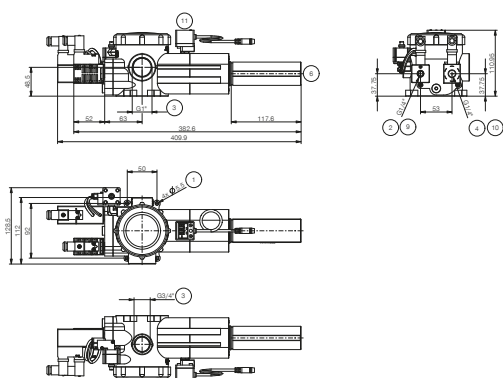
- | | |
|------------------------|-----------------------|
| ① Fixing | ④ Blow-off connection |
| ② Pneumatic connection | ⑥ Silencer |
| ③ Vacuum connection | |

ZTP3033-AR3-DL-SN / -SP



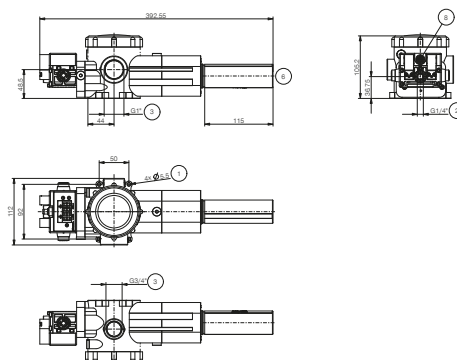
- | | |
|------------------------|--------------------------|
| ① Fixing | ⑥ Silencer |
| ② Pneumatic connection | ⑨ Air control valve |
| ③ Vacuum connection | ⑩ Blow-off control valve |
| ④ Blow-off connection | ⑪ Vacuum switch |

ZTPE3033-AR3-DL-SN / -SP



- | | |
|------------------------|--------------------------|
| ① Fixing | ⑥ Silencer |
| ② Pneumatic connection | ⑨ Air control valve |
| ③ Vacuum connection | ⑩ Blow-off control valve |
| ④ Blow-off connection | ⑪ Vacuum switch |

ZTPED3033-14-N

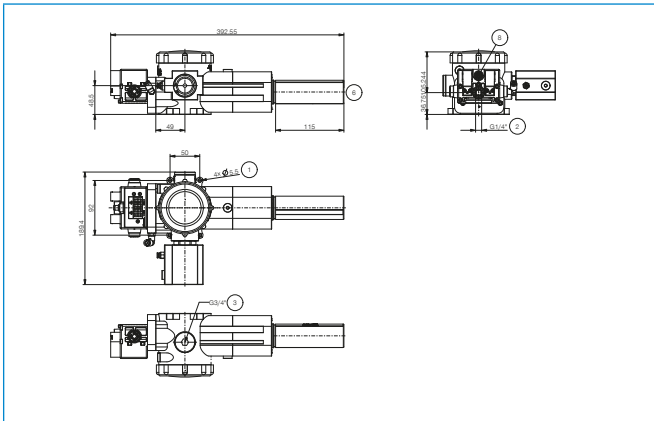


- | | |
|------------------------|-------------------------|
| ① Fixing | ⑥ Silencer |
| ② Pneumatic connection | ⑧ Electrical connection |
| ③ Vacuum connection | |

VACUUM EJECTOR

SERIES ZTP | INSTALLATION SIZE ZTP3033

ZTPED3033-14-N-Q



- ① Fixing
- ② Pneumatic connection
- ③ Vacuum connection
- ⑥ Silencer
- ⑧ Electrical connection