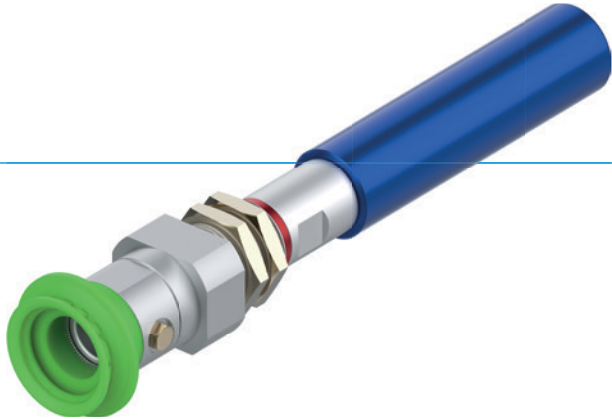


VACUUM EJECTOR

SERIES ZPS | INSTALLATION SIZE ZPS30

► PRODUCT ADVANTAGES



► Gentle and reliable gripping

Because it can operate at a low vacuum level, the series ZPS is also suitable for delicate workpieces. The built-in blow-off function provides additional protection for the vacuum generator against water and dust.

► Resistant to dust and moisture

Thanks to the ejector's special design, contaminants and water are directed away from the ejector and therefore cannot damage it. As a result, the series ZPS is also suitable for use in highly dusty environments as well as for applications involving wet workpieces.

► Certifications: LABS / REACH / RoHS

► PRODUCT KEY

ZPS	10	1B20	A	S
Series	Vacuum level version	Vacuum connection	Housing Material	Silencer / exhaust air version

► TECHNICAL DATA

Order no.	► Technical data					
	ZPS30-1B20-A-H12	ZPS30-1B20-A-H19	ZPS30-1B20-A-S	ZPS30-1B20-SS-H12	ZPS30-1B20-SS-H19	ZPS30-1B20-SS-S
Max. vacuum level [kPa]	-87	-87	-87	-87	-87	-87
Volume flow [l/min]	171	171	171	171	171	171
Digital vacuum switch	No	No	No	No	No	No
Air-saving function	No	No	No	No	No	No
Weight [kg]	0.25	0.25	0.25	0.25	0.25	0.25
Vacuum generator type	Vacuum nozzle	Vacuum nozzle	Vacuum nozzle	Vacuum nozzle	Vacuum nozzle	Vacuum nozzle
Housing Material	Aluminum	Aluminum	Aluminum	Stainless steel	Stainless steel	Stainless steel
Fixing thread	M24 external	M24 external	M24 external	M24 external	M24 external	M24 external
Pneumatic connection	G1/8" female	G1/8" female	G1/8" female	G1/8" female	G1/8" female	G1/8" female
Number of pneumatic connections	1	1	1	1	1	1
Air control valve	No	No	No	No	No	No
Blow-off control valve	No	No	No	No	No	No
Solenoid valve	No	No	No	No	No	No
Throttle check valve	No	No	No	No	No	No
Number of vacuum connections	1	1	1	1	1	1
Vacuum connection	Bellows, Ø20 mm	Bellows, Ø20 mm	Bellows, Ø20 mm	Bellows, Ø20 mm	Bellows, Ø20 mm	Bellows, Ø20 mm
Silencer	No	No	Yes	No	No	Yes
Vacuum filter	No	No	No	No	No	No
Operating pressure max. [bar]	7	7	7	7	7	7
Max. noise level [dB]	72	72	72	72	72	72
Air consumption at 4 bar [l/min]	350	350	350	350	350	350
Operating temperature [°C]	-20 ... +60	-20 ... +60	-20 ... +60	-20 ... +60	-20 ... +60	-20 ... +60
Certifications	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS

	► Technical data					
Order no.	ZPS30-1B40-A-H12	ZPS30-1B40-A-H19	ZPS30-1B40-A-S	ZPS30-1B40-SS-H12	ZPS30-1B40-SS-H19	ZPS30-1B40-SS-S
Max. vacuum level [kPa]	-87	-87	-87	-87	-87	-87
Volume flow [l/min]	171	171	171	171	171	171
Digital vacuum switch	No	No	No	No	No	No
Air-saving function	No	No	No	No	No	No
Weight [kg]	0.25	0.25	0.25	0.25	0.25	0.25
Vacuum generator type	Vacuum nozzle	Vacuum nozzle	Vacuum nozzle	Vacuum nozzle	Vacuum nozzle	Vacuum nozzle
Housing Material	Aluminum	Aluminum	Aluminum	Stainless steel	Stainless steel	Stainless steel
Fixing thread	M24 external	M24 external	M24 external	M24 external	M24 external	M24 external
Pneumatic connection	G1/8" female	G1/8" female	G1/8" female	G1/8" female	G1/8" female	G1/8" female
Number of pneumatic connections	1	1	1	1	1	1
Air control valve	No	No	No	No	No	No
Blow-off control valve	No	No	No	No	No	No
Solenoid valve	No	No	No	No	No	No
Throttle check valve	No	No	No	No	No	No
Number of vacuum connections	1	1	1	1	1	1
Vacuum connection	Bellows, Ø40 mm	Bellows, Ø40 mm	Bellows, Ø40 mm	Bellows, Ø40 mm	Bellows, Ø40 mm	Bellows, Ø40 mm
Silencer	No	No	Yes	No	No	Yes
Vacuum filter	No	No	No	No	No	No
Operating pressure max. [bar]	7	7	7	7	7	7
Max. noise level [dB]	72	72	72	72	72	72
Air consumption at 4 bar [l/min]	350	350	350	350	350	350
Operating temperature [°C]	-20 ... +60	-20 ... +60	-20 ... +60	-20 ... +60	-20 ... +60	-20 ... +60
Certifications	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS

	► Technical data					
Order no.	ZPS30-2B20-A-H12	ZPS30-2B20-A-H19	ZPS30-2B20-A-S	ZPS30-2B20-SS-H12	ZPS30-2B20-SS-H19	ZPS30-2B20-SS-S
Max. vacuum level [kPa]	-87	-87	-87	-87	-87	-87
Volume flow [l/min]	171	171	171	171	171	171
Digital vacuum switch	No	No	No	No	No	No
Air-saving function	No	No	No	No	No	No
Weight [kg]	0.25	0.25	0.25	0.25	0.25	0.25
Vacuum generator type	Vacuum nozzle	Vacuum nozzle	Vacuum nozzle	Vacuum nozzle	Vacuum nozzle	Vacuum nozzle
Housing Material	Aluminum	Aluminum	Aluminum	Stainless steel	Stainless steel	Stainless steel
Fixing thread	M24 external	M24 external	M24 external	M24 external	M24 external	M24 external
Pneumatic connection	G1/8" female	G1/8" female	G1/8" female	G1/8" female	G1/8" female	G1/8" female
Number of pneumatic connections	1	1	1	1	1	1
Air control valve	No	No	No	No	No	No
Blow-off control valve	No	No	No	No	No	No
Solenoid valve	No	No	No	No	No	No
Throttle check valve	No	No	No	No	No	No
Number of vacuum connections	1	1	1	1	1	1
Vacuum connection	Bellows, Ø20 mm	Bellows, Ø20 mm	Bellows, Ø20 mm	Bellows, Ø20 mm	Bellows, Ø20 mm	Bellows, Ø20 mm
Silencer	No	No	Yes	No	No	Yes
Vacuum filter	No	No	No	No	No	No
Operating pressure max. [bar]	7	7	7	7	7	7
Max. noise level [dB]	72	72	72	72	72	72
Air consumption at 4 bar [l/min]	350	350	350	350	350	350
Operating temperature [°C]	-20 ... +60	-20 ... +60	-20 ... +60	-20 ... +60	-20 ... +60	-20 ... +60
Certifications	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS

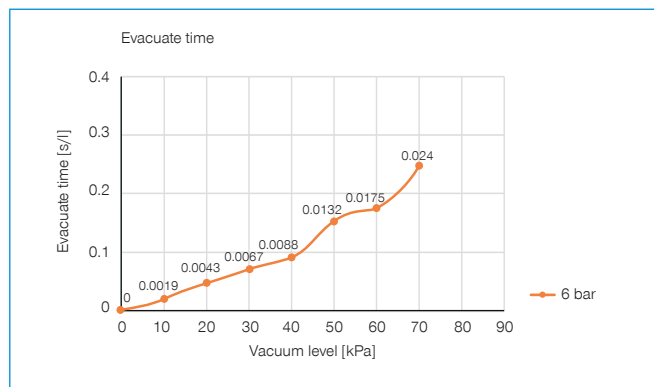
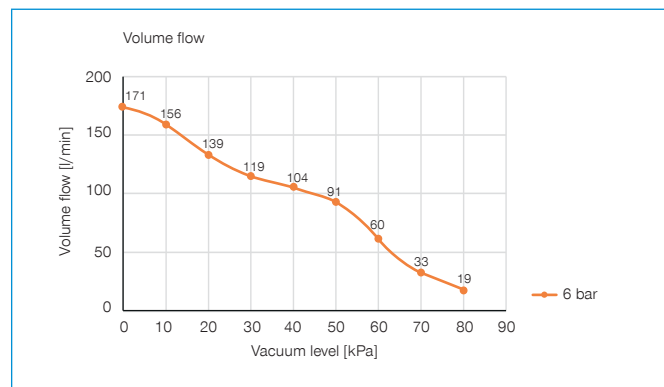
VACUUM EJECTOR

SERIES ZPS | INSTALLATION SIZE ZPS30

Order no.	► Technical data					
	ZPS30-2B40-A-H12	ZPS30-2B40-A-H19	ZPS30-2B40-A-S	ZPS30-2B40-SS-H12	ZPS30-2B40-SS-H19	ZPS30-2B40-SS-S
Max. vacuum level [kPa]	-87	-87	-87	-87	-87	-87
Volume flow [l/min]	171	171	171	171	171	171
Digital vacuum switch	No	No	No	No	No	No
Air-saving function	No	No	No	No	No	No
Weight [kg]	0.25	0.25	0.25	0.25	0.25	0.25
Vacuum generator type	Vacuum nozzle	Vacuum nozzle	Vacuum nozzle	Vacuum nozzle	Vacuum nozzle	Vacuum nozzle
Housing Material	Aluminum	Aluminum	Aluminum	Stainless steel	Stainless steel	Stainless steel
Fixing thread	M24 external	M24 external	M24 external	M24 external	M24 external	M24 external
Pneumatic connection	G1/8" female	G1/8" female	G1/8" female	G1/8" female	G1/8" female	G1/8" female
Number of pneumatic connections	1	1	1	1	1	1
Air control valve	No	No	No	No	No	No
Blow-off control valve	No	No	No	No	No	No
Solenoid valve	No	No	No	No	No	No
Throttle check valve	No	No	No	No	No	No
Number of vacuum connections	1	1	1	1	1	1
Vacuum connection	Bellows, Ø40 mm	Bellows, Ø40 mm	Bellows, Ø40 mm	Bellows, Ø40 mm	Bellows, Ø40 mm	Bellows, Ø40 mm
Silencer	No	No	Yes	No	No	Yes
Vacuum filter	No	No	No	No	No	No
Operating pressure max. [bar]	7	7	7	7	7	7
Max. noise level [dB]	72	72	72	72	72	72
Air consumption at 4 bar [l/min]	350	350	350	350	350	350
Operating temperature [°C]	-20 ... +60	-20 ... +60	-20 ... +60	-20 ... +60	-20 ... +60	-20 ... +60
Certifications	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS	LABS / REACH / RoHS

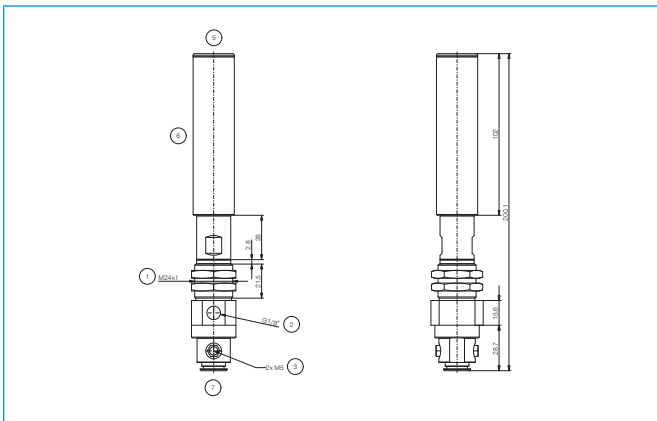
► DIAGRAMS

ZPS30



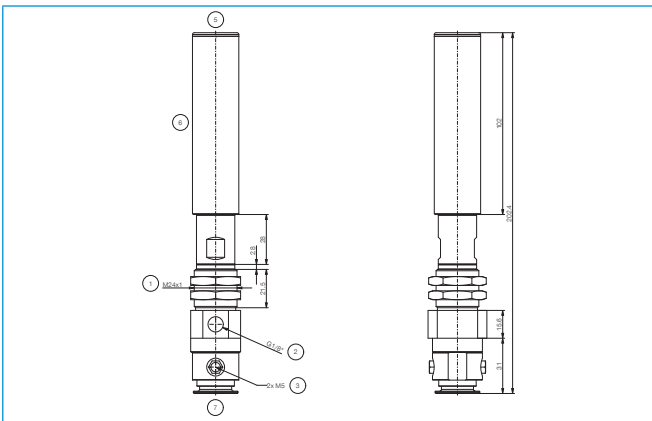
► TECHNICAL DRAWINGS

ZPS10/20/30-1B20-A/SS-S



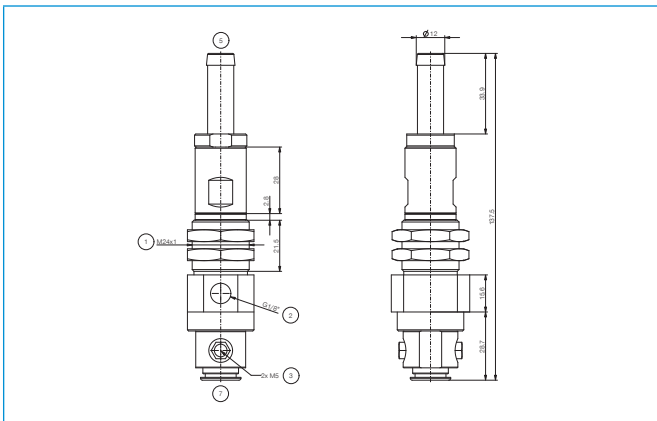
- ① Fixing
- ② Pneumatic connection
- ③ Vacuum connection
- ⑤ Exhaust air/exhaust air valve
- ⑥ Silencer
- ⑦ Connection for Magic Cups

ZPS10/20/30-1B40-A/SS-S



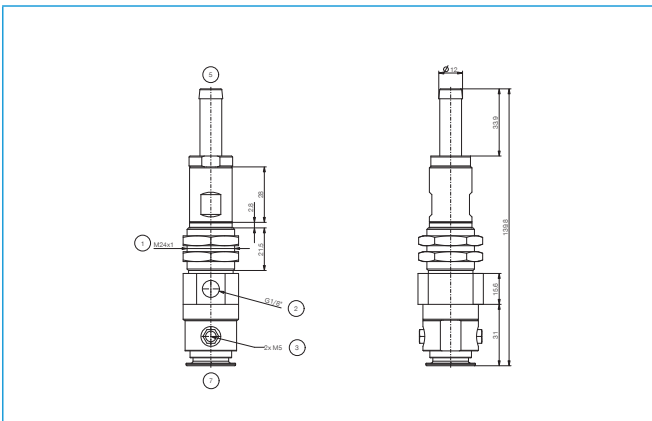
- ① Fixing
- ② Pneumatic connection
- ③ Vacuum connection
- ⑤ Exhaust air/exhaust air valve
- ⑥ Silencer
- ⑦ Connection for Magic Cups

ZPS10/20/30-1B20-A/SS-H12



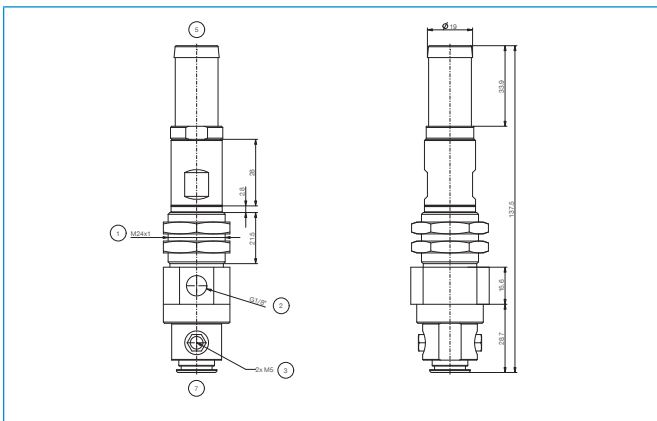
- ① Fixing
- ② Pneumatic connection
- ③ Vacuum connection
- ⑤ Exhaust air/exhaust air valve
- ⑦ Connection for Magic Cups

ZPS10/20/30-1B40-A/SS-H12



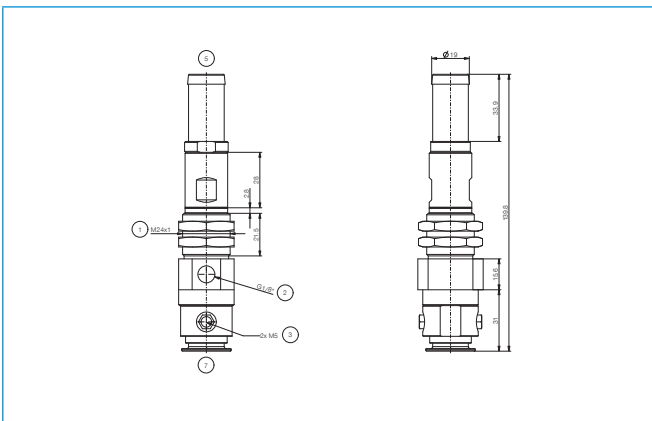
- ① Fixing
- ② Pneumatic connection
- ③ Vacuum connection
- ⑤ Exhaust air/exhaust air valve
- ⑦ Connection for Magic Cups

ZPS10/20/30-1B20-A/SS-H19



- ① Fixing
- ② Pneumatic connection
- ③ Vacuum connection
- ⑤ Exhaust air/exhaust air valve
- ⑦ Connection for Magic Cups

ZPS10/20/30-1B40-A/SS-H19



- ① Fixing
- ② Pneumatic connection
- ③ Vacuum connection
- ⑤ Exhaust air/exhaust air valve
- ⑦ Connection for Magic Cups