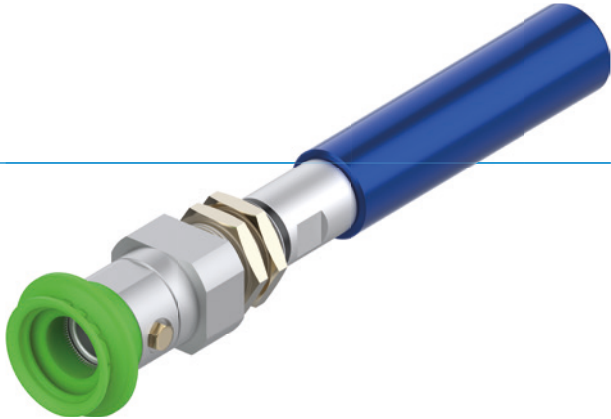


VACUUM EJECTOR

SERIES ZPS | INSTALLATION SIZE ZPS20

► PRODUCT ADVANTAGES



► Gentle and Reliable Gripping

Because it can operate at a low vacuum level, the ZPS series 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 diverted away from the ejector and therefore cannot damage it. As a result, the ZPS series 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					
	ZPS20-1B20-A-H12	ZPS20-1B20-A-H19	ZPS20-1B20-A-S	ZPS20-1B20-SS-H12	ZPS20-1B20-SS-H19	ZPS20-1B20-SS-S
Max. vacuum level [kPa]	-65	-65	-65	-65	-65	-65
Volume flow [l/min]	174	174	174	174	174	174
Digital vacuum switch	No	No	No	No	No	No
Air-saving function	No	No	No	No	No	No
Weight [kg]	0.22	0.22	0.22	0.22	0.22	0.22
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" inside	G1/8" inside	G1/8" inside	G1/8" inside	G1/8" inside	G1/8" inside
Number of compressed air 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]	283	283	283	283	283	283
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

Order no.	► Technical data					
	ZPS20-1B40-A-H12	ZPS20-1B40-A-H19	ZPS20-1B40-A-S	ZPS20-1B40-SS-H12	ZPS20-1B40-SS-H19	ZPS20-1B40-SS-S
Max. vacuum level [kPa]	-65	-65	-65	-65	-65	-65
Volume flow [l/min]	174	174	174	174	174	174
Digital vacuum switch	No	No	No	No	No	No
Air-saving function	No	No	No	No	No	No
Weight [kg]	0.22	0.22	0.22	0.22	0.22	0.22
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" inside	G1/8" inside	G1/8" inside	G1/8" inside	G1/8" inside	G1/8" inside
Number of compressed air 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]	283	283	283	283	283	283
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

Order no.	► Technical data					
	ZPS20-2B20-A-H12	ZPS20-2B20-A-H19	ZPS20-2B20-A-S	ZPS20-2B20-SS-H12	ZPS20-2B20-SS-H19	ZPS20-2B20-SS-S
Max. vacuum level [kPa]	-65	-65	-65	-65	-65	-65
Volume flow [l/min]	174	174	174	174	174	174
Digital vacuum switch	No	No	No	No	No	No
Air-saving function	No	No	No	No	No	No
Weight [kg]	0.22	0.22	0.22	0.22	0.22	0.22
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" inside	G1/8" inside	G1/8" inside	G1/8" inside	G1/8" inside	G1/8" inside
Number of compressed air 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]	283	283	283	283	283	283
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

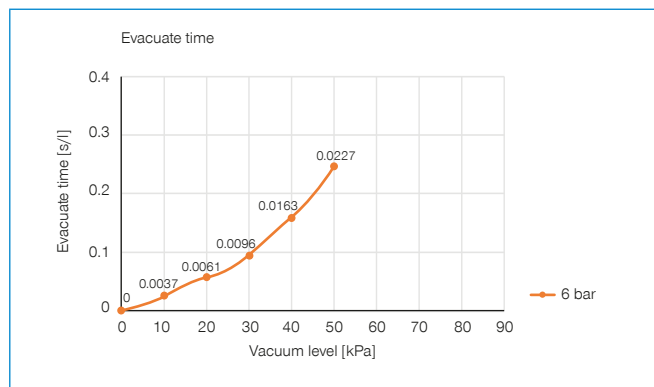
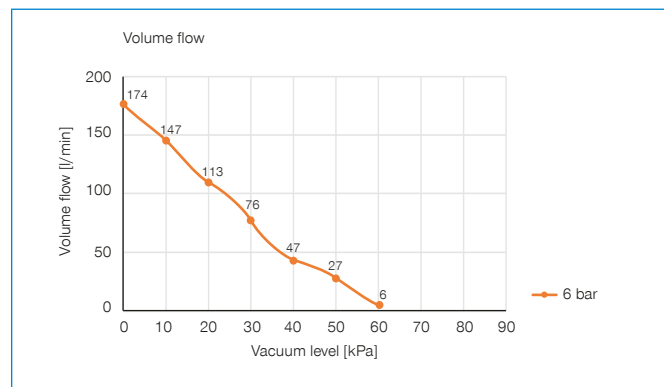
VACUUM EJECTOR

SERIES ZPS | INSTALLATION SIZE ZPS20

Order no.	► Technical data					
	ZPS20-2B40-A-H12	ZPS20-2B40-A-H19	ZPS20-2B40-A-S	ZPS20-2B40-SS-H12	ZPS20-2B40-SS-H19	ZPS20-2B40-SS-S
Max. vacuum level [kPa]	-65	-65	-65	-65	-65	-65
Volume flow [l/min]	174	174	174	174	174	174
Digital vacuum switch	No	No	No	No	No	No
Air-saving function	No	No	No	No	No	No
Weight [kg]	0.22	0.22	0.22	0.22	0.22	0.22
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" inside	G1/8" inside	G1/8" inside	G1/8" inside	G1/8" inside	G1/8" inside
Number of compressed air 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]	283	283	283	283	283	283
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

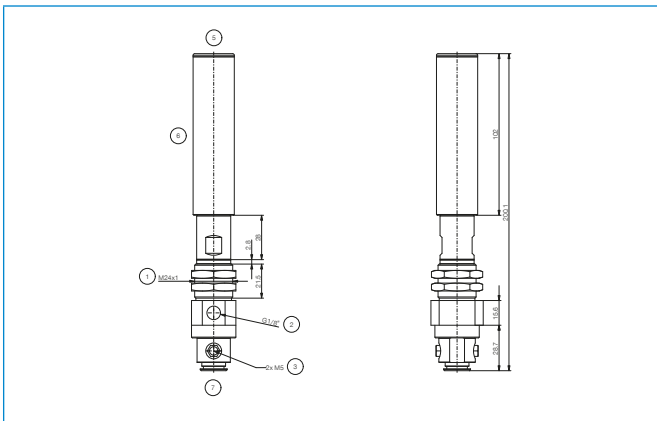
► DIAGRAMS

ZPS20



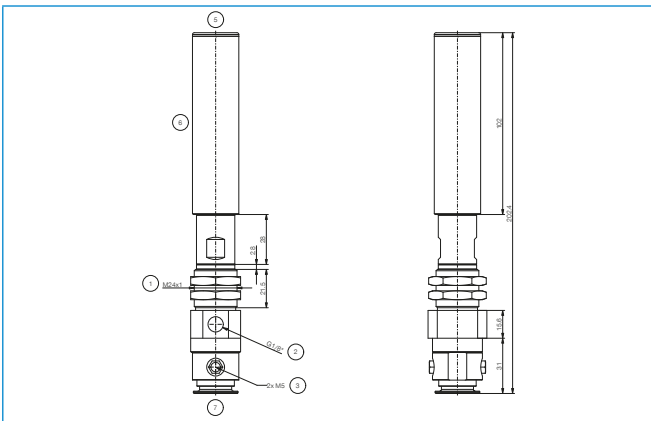
► TECHNICAL DRAWINGS

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



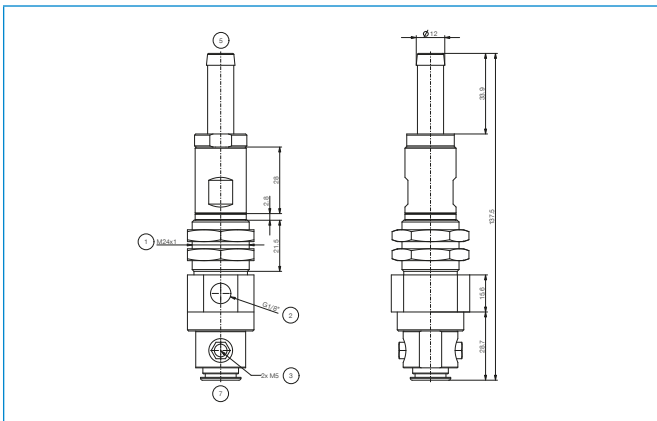
- ① Fixing
- ② Pneumatic connection
- ③ Vacuum connection
- ⑤ Exhaust air/exhaust air valve
- ⑥ Silencer
- ⑦ Connection for Magic Cups

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



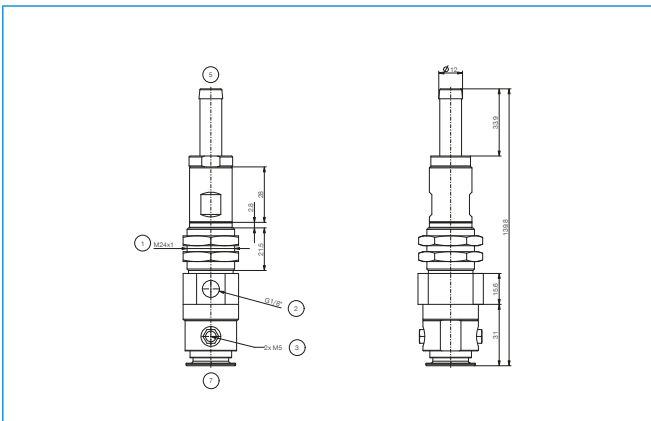
- ① Fixing
- ② Pneumatic connection
- ③ Vacuum connection
- ⑤ Exhaust air/exhaust air valve
- ⑥ Silencer
- ⑦ Connection for Magic Cups

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



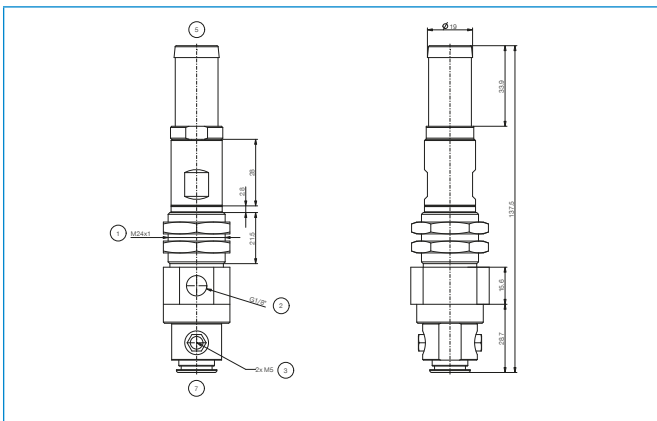
- ① Fixing
- ② Pneumatic connection
- ③ Vacuum connection
- ⑤ Exhaust air/exhaust air valve
- ⑦ Connection for Magic Cups

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



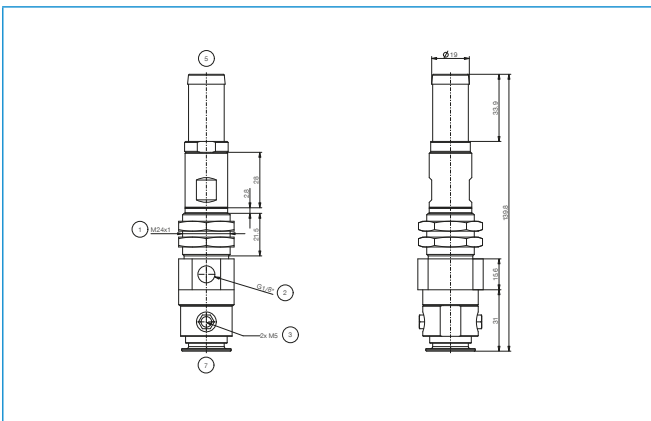
- ① Fixing
- ② Pneumatic connection
- ③ Vacuum connection
- ⑤ Exhaust air/exhaust air valve
- ⑦ Connection for Magic Cups

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