

Electric Vacuum Generator – Schmalz ECBPMi



The CobotPump ECBPM is designed especially for the automated handling of small parts with a single vacuum cup. This lightweight and compact solution is typically used on collaborative robots with a lifting capacity of up to 3kg (6.6 lbs).

Try It Risk Free!

*Contact us for details

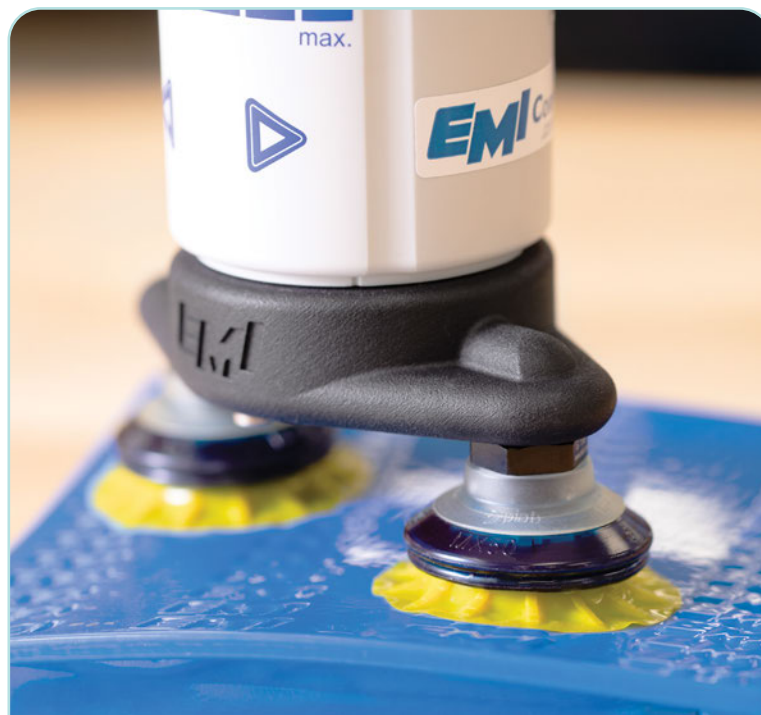


- Max. Payload: 6.6 lb (3 kg)
- Fully electric, no need for compressed air.
- Energy saving control mode ensures efficient operation.
- Mechanical connection via flange adapter plate.
- Central electrical interface and simple control.
- Electrical connection via external cable routing or internal pin connection.
- Compatible with other robots. Contact EMI for more info.
- Has a female G1/4" thread. Reducer bushings available from EMI.
- Many alternative vacuum cups available, see page 119.

Quick#	Part#	Price	Max Vacuum Level*	Max Suction Flow		Power Supply	Rated Power	Wt.
				CFM	l/min			
8090	ECBPM-UR	\$1,598.47	59%	1.8 CFM	1.6 l/min	24V dc	7.2 W	230g

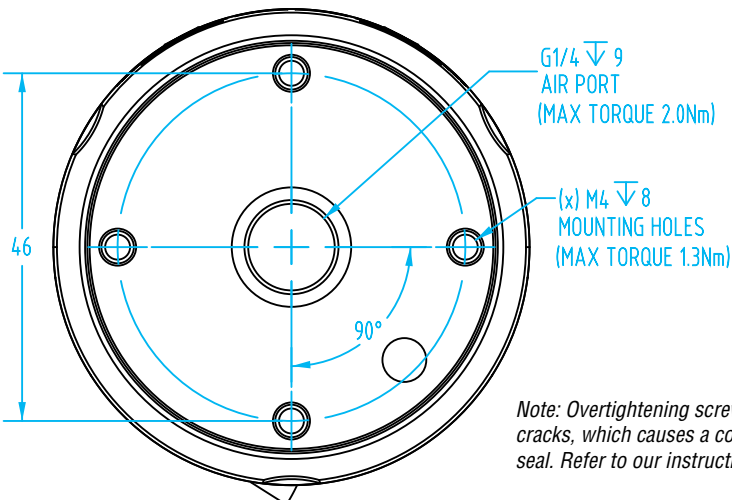
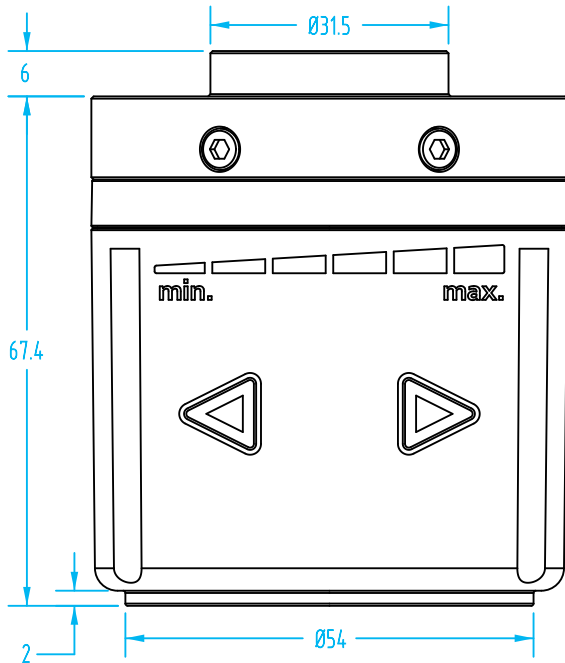
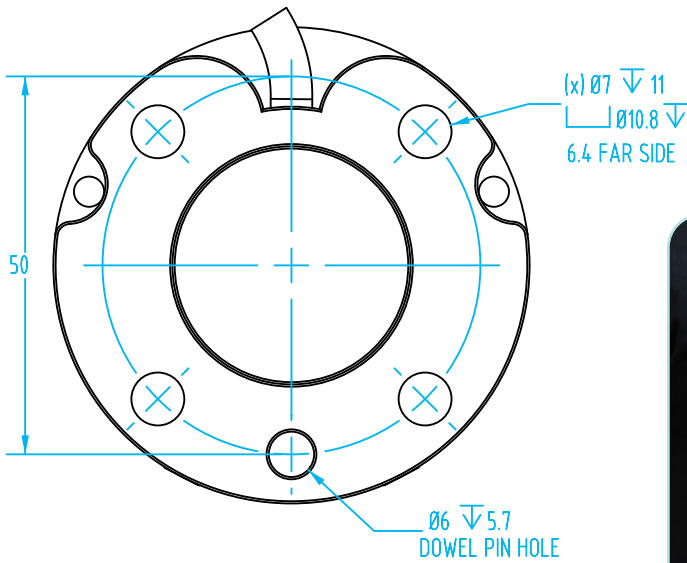
ECBPM Vacuum Gripper Kit Includes:

- Cobot Pump with mounting interface.
- Vacuum cups with fittings: Ø20mm Flat & Ø30mm 1.5 Bellow.
- Hardware
- USB Drive with robot plugin.



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(Dimensioned drawings shown full scale)



Ideal for automated handling of small parts, such as pick-and-place applications with a single suction cup, as shown above.



Pair the CobotPump with a PIAB Soft Gripper (Quick# 8070 shown above) for a plug-and-play solution built for tight spaces.

Note: Overtightening screws can cause stress cracks, which causes a complete loss of vacuum seal. Refer to our instructions online.

- CU
- QC
- VG
- VC
- VA
- SG
- GR
- MT
- AC
- CS
- CC