

Double Vacuum Gripper P-Grip® V2

Versatile vacuum gripper for mounting on robot arm P-Rob2.

The vacuum gripper consists of 1 main plate with screw holes array and 2 suction cups.

The suction cups can be mounted horizontally or vertically on the main plate and are supplied by 2 independent vacuum lines.

Vacuum gripper with 2 horizontally mounted suction cups

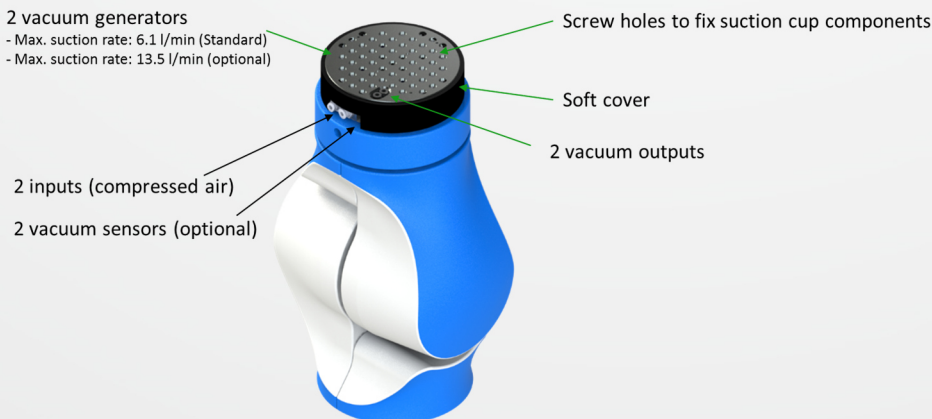


Vacuum gripper with 2 vertically mounted suction cups



Two compressed air tubes, controlled by valves at the base of the robot, have to be guided along the robot arm and connected to the main plate. Inside the main plate there are Venturi vacuum generators and optionally vacuum sensors. After screwing the suction cups on the desired places onto the main plate, just connect them to the vacuum output.

In order to fulfil safety criteria, the main plate has a soft foam ring avoiding injuries in case of collision with co-workers.



Part-Number

Available in 4 different executions

FP.Grip.V2.061X : vacuum gripper without vacuum sensors 6.1 l/min.

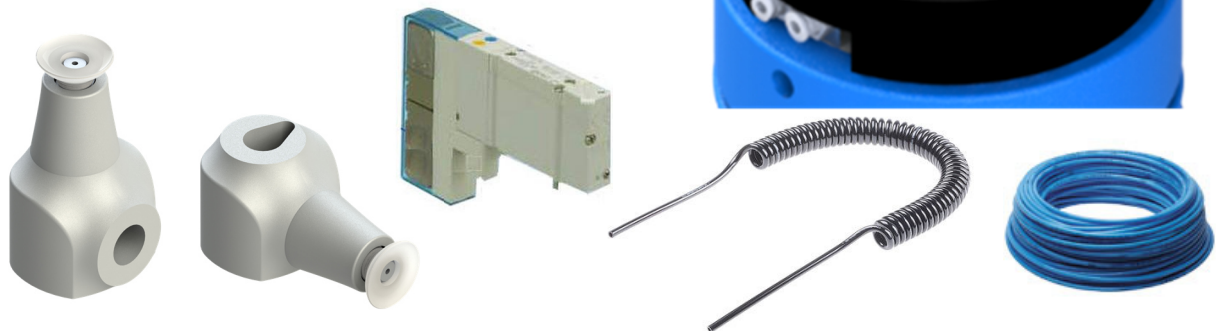
FP.Grip.V2.135X : vacuum gripper without vacuum sensors 13.5 l/min.

FP.Grip.V2.061S : vacuum gripper with vacuum sensors 6.1 l/min.

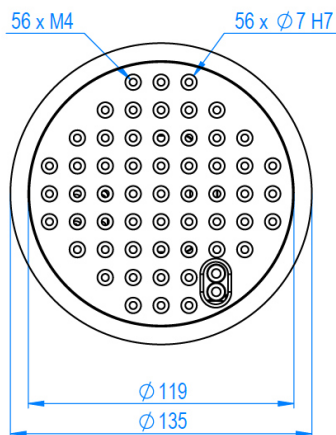
FP.Grip.V2.135S : vacuum gripper with vacuum sensors 13.5 l/min.

Delivery content

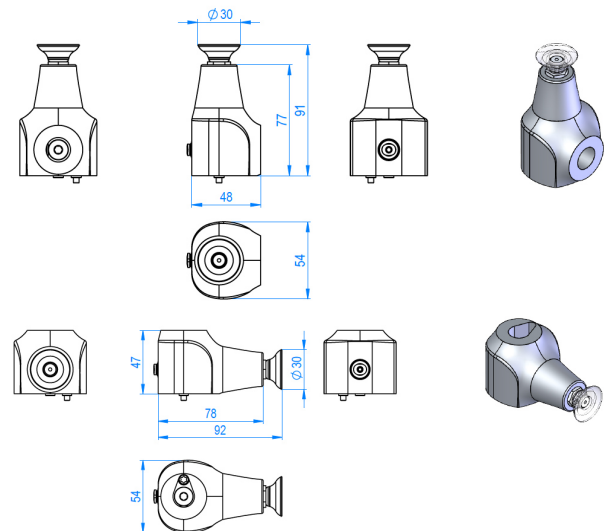
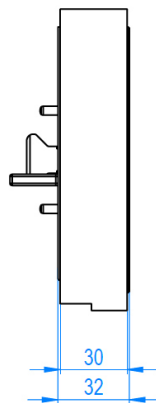
- 1 main plate with screw holes array
- 2 suction cups
- 2 pneumatic valves
- 2 vacuum sensors with cables (optionally)
- 1 coil tube (0,5 m unstretched / 2.0 m stretched)
- PE-tube 4 mm outer Ø (1 m)



Technical specifications



Weight : 0,4 kg



Weight : 0,2 kg each

Contact

F&P Robotics AG
Rohrstrasse 36
8152 Glattbrugg / Zurich
Switzerland
+41 44 515 95 20
www.fp-robotics.com
info@fp-robotics.com