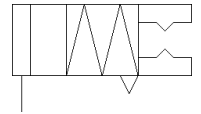
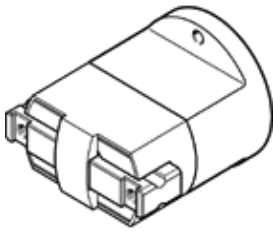


# parallel gripper HGPM-08-EO-G9

Part number: 197561

FESTO

Direct flange mounting with screws Locating pins are used for centring.



## Data sheet

| Feature   | Value   |
|---|---|
| Size  | 8   |
| Stroke per gripper jaw  | 2 mm  |
| Max. replacement accuracy   | 0.2 mm  |
| Rotationally symmetrical  | 0.15 mm   |
| Repetition accuracy, gripper                                      | ≤ 0.05 mm   |
| Number of gripper fingers   | 2   |
| Drive system  | pneumatic   |
| Mode of operation   | single-acting<br>open   |
| Gripper function  | Parallel  |
| Gripper force back-up   | No  |
| Design structure  | Inclined plane  |
| Position detection  | No  |
| Total gripping force at 0.6 MPa (6 bar, 87 psi), opening          | 16 N  |
| Operating pressure  | 4 ... 8 bar   |
| Max. operating frequency of gripper                               | 4 Hz  |
| Min. opening time at 0.6 MPa (6 bar, 87 psi)                      | 4.9 ms  |
| Min. closing time at 0.6 MPa (6 bar, 87 psi)                      | 2.3 ms  |
| Operating medium  | Compressed air in accordance with ISO8573-1:2010 [7:4:4]                    |
| Note on operating and pilot medium                                | Lubricated operation possible (subsequently required for further operation) |
| Corrosion resistance classification CRC                           | 1 - Low corrosion stress  |
| PWIS conformity   | VDMA24364-B2-L  |
| Ambient temperature   | 5 ... 60 °C   |
| Gripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) closing | 8 N   |
| Max. force on gripper jaw Fz static                               | 10 N  |
| Max. torque at gripper Mx static                                  | 0.1 Nm  |
| Max. torque at gripper My static                                  | 0.1 Nm  |
| Max. torque at gripper Mz static                                  | 0.1 Nm  |
| Product weight  | 18 g  |
| Mounting type   | with internal (female) thread   |
| Pneumatic connection  | M3  |
| Materials note  | Conforms to RoHS  |
| Material cover cap  | POM   |
| Material housing  | Anodised wrought aluminium alloy  |
| Material gripper jaws   | High alloy steel  |