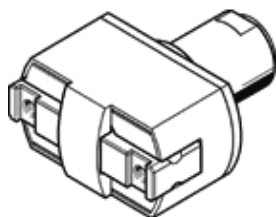


parallel gripper HGPM-12-EZ-G8

Part number: 197569

FESTO

Micro, with clamping spigot.



Data sheet

| Feature | Value |
|--|---|
| Size | 12 |
| Stroke per gripper jaw | 3 mm |
| Max. replacement accuracy | 0.2 mm |
| Rotationally symmetrical | 0.15 mm |
| Repetition accuracy, gripper | ≤ 0.05 mm |
| Number of gripper fingers | 2 |
| Mode of operation | single-acting closed |
| Gripper function | Parallel |
| Design structure | Inclined plane |
| Position detection | No |
| Total force at 6 bar, closing | 35 N |
| Operating pressure | 4 ... 8 bar |
| Max. operating frequency of gripper | 4 Hz |
| Min. opening time at 6 bar | 3 ms |
| Min. closing time at 6 bar | 8.3 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 |
| Ambient temperature | 5 ... 60 °C |
| Gripping force per gripper jaw at 6 bar, opening | 17.5 N |
| Max. force on gripper jaw Fz static | 30 N |
| Max. torque at gripper Mx static | 0.5 Nm |
| Max. torque at gripper My static | 0.5 Nm |
| Max. torque at gripper Mz static | 0.5 Nm |
| Product weight | 41 g |
| Mounting type | Clamped |
| Pneumatic connection | M3 |
| Materials note | Free of copper and PTFE |
| Material cover cap | POM |
| Material housing | Wrought Aluminium alloy Anodised |
| Material gripper jaws | High alloy steel |