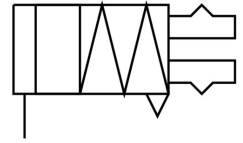


Parallel gripper HGPM-08-EZ-G6

Part number: 197562

FESTO



Data sheet

| Feature | Value |
|--|--|
| Size | 8 |
| Stroke per gripper jaw | 2 mm |
| Max. interchangeability | 0.2 mm |
| Pneumatic gripper repetition accuracy | ≤0.05 mm |
| Type code | HGPM |
| Number of gripper jaws | 2 |
| Mode of operation | Single-acting Closed |
| Gripper function | Parallel |
| Structural design | Inclined plane |
| Position sensing | None |
| Symbol | 00991898 |
| Total gripping force at 6 bar, closing | 16 N |
| Operating pressure | 4 bar ... 8 bar |
| Max. operating frequency of pneumatic gripper | 4 Hz |
| Min. opening time at 6 bar | 1.9 ms |
| Min. closing time at 6 bar | 4.1 ms |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC) | 1 - Low corrosion stress |
| Ambient temperature | 5 °C ... 60 °C |
| Stroke compensation spring force | 4 N ... 6 N |
| Gripping force per gripper jaw at 6 bar, opening | 8 N |
| Maximum force on gripper jaw Fz, static | 10 N |
| Maximum torque on gripper jaw, Mx static | 0.1 Nm |
| Maximum torque on gripper jaw, My static | 0.1 Nm |
| Maximum torque on gripper jaw, Mz static | 0.1 Nm |
| Product weight | 19 g |
| Type of mounting | With through-hole |
| Pneumatic connection | M3 |
| Note on materials | Free of copper and PTFE |
| Cover cap material | POM |
| Housing material | Wrought aluminum alloy Anodized |
| Gripper jaw material | High-alloy steel |