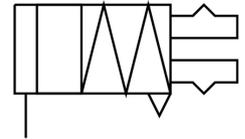


Parallel gripper HGPM-12-EZ-G9

Part number: 197570

FESTO



Data sheet

| Feature | Value |
|--|--|
| Size | 12 |
| Stroke per gripper jaw | 3 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 | 35 N |
| Operating pressure | 4 bar ... 8 bar |
| Max. operating frequency of pneumatic gripper | 4 Hz |
| Min. opening time at 6 bar | 3 ms |
| Min. closing time at 6 bar | 8.3 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 |
| Gripping force per gripper jaw at 6 bar, opening | 17.5 N |
| Maximum force on gripper jaw Fz, static | 30 N |
| Maximum torque on gripper jaw, Mx static | 0.5 Nm |
| Maximum torque on gripper jaw, My static | 0.5 Nm |
| Maximum torque on gripper jaw, Mz static | 0.5 Nm |
| Product weight | 62 g |
| Type of mounting | With internal thread |
| 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 |