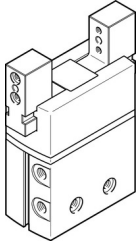


Parallel gripper DHPS-35-A-NO

Part number: 1254053

FESTO



Data sheet

| Feature | Value |
|---|--|
| Size | 35 |
| Stroke per gripper jaw | 12.5 mm |
| Max. interchangeability | ≤0.2 mm |
| Max. gripper jaw angular play ax, ay | <0.5 deg |
| Max. gripper jaw backlash Sz | <0.02 mm |
| Rotational symmetry | ≤0.2 mm |
| Pneumatic gripper repetition accuracy | <0.02 mm |
| Type code | DHPS |
| Number of gripper jaws | 2 |
| Mounting position | Any |
| Mode of operation | Double-acting |
| Gripper function | Parallel |
| Gripping force backup | On opening |
| Design | Lever Positively driven motion sequence |
| Guide | Sliding guide |
| Position sensing | For proximity sensor |
| Symbol | 00995947 |
| Operating pressure | 4 bar ... 8 bar |
| Max. operating frequency of pneumatic gripper | 2 Hz |
| Min. opening time at 6 bar | 88 ms |
| Min. closing time at 6 bar | 151 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 |
| Mass moment of inertia | 12.832 kgcm ² |
| Maximum force on gripper jaw Fz, static | 450 N |
| Maximum torque on gripper jaw, Mx static | 50 Nm |
| Maximum torque on gripper jaw, My static | 50 Nm |
| Maximum torque on gripper jaw, Mz static | 50 Nm |
| Relubrication interval for guidance elements | 10 MioCyc |
| Max. mass per external gripper finger | 450 g |
| Product weight | 1345 g |

| Feature | Value |
|----------------------|---|
| Type of mounting | Optionally: With internal thread and centering sleeve Via through-hole and centering sleeve |
| Pneumatic connection | G1/8 |
| Note on materials | RoHS-compliant |
| Cover cap material | PA |
| Housing material | Wrought aluminum alloy Hard-anodized |
| Gripper jaw material | High-alloy stainless steel |