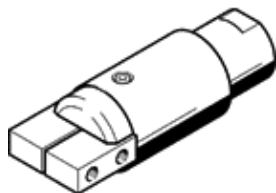


angle gripper HGWM-12-EZ-G8

Part number: 185704

FESTO

Micro, with clamping spigot.



Data sheet

| Feature | Value |
|--|---|
| Size | 12 |
| Max. angular gripper jaw backlash ax,ay | 0.5 deg |
| Max. gripper jaw backlash Sz | 0.03 mm |
| Max. opening angle | 14 deg |
| Repetition accuracy, gripper | ≤ 0.02 mm |
| Number of gripper fingers | 2 |
| Mode of operation | single-acting closed |
| Gripper function | Angle |
| Design structure | Inclined plane |
| Position detection | No |
| Operating pressure | 2 ... 8 bar |
| Max. operating frequency of gripper | 4 Hz |
| Min. opening time at 0.6 MPa (6 bar, 87 psi) | 1.7 ms |
| Min. closing time at 0.6 MPa (6 bar, 87 psi) | 2.8 ms |
| Operating medium | Compressed air in accordance with ISO8573-1:2010 [7:::] |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress |
| PWIS conformity | VDMA24364-B2-L |
| Ambient temperature | 5 ... 60 °C |
| Spring return moment | 1.5 Ncm |
| Total gripping torque at 0.6 MPa (6 bar, 87 psi) opening | 76 Ncm |
| Max. force on gripper jaw Fz static | 20 N |
| Max. torque at gripper Mx static | 40 Ncm |
| Max. torque at gripper My static | 40 Ncm |
| Max. torque at gripper Mz static | 40 Ncm |
| Product weight | 45 g |
| Mounting type | Clamped |
| Pneumatic connection | M3 |
| Material cover cap | POM |
| Material housing | High alloy steel, non-corrosive |
| Material gripper jaws | High alloy steel |