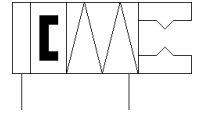
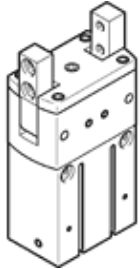


Radial gripper HGRT-25-A-G2

Part number: 563909

FESTO

With gripping force backup when closing...-G2.



Data sheet

| Feature | Value |
|--|---|
| Size | 25 |
| Max. replacement accuracy | ≤ 0.2 mm |
| Max. angular gripper jaw backlash ax,ay | ≤ 0.1 deg |
| Max. opening angle | 180 deg |
| Rotationally symmetrical | ≤ 0.2 mm |
| Repetition accuracy, gripper | ≤ 0.02 mm |
| Number of gripper fingers | 2 |
| Assembly position | Any |
| Mode of operation | double-acting |
| Gripper function | radial |
| Gripper force back-up | On closing |
| Design structure | guided motion sequence |
| Position detection | For proximity sensor For inductive sensors |
| Working pressure | 4 ... 8 bar |
| Max. operating frequency of gripper | ≤ 3 Hz |
| Min. opening time at 0.6 MPa (6 bar, 87 psi) | 443 ms |
| Min. closing time at 0.6 MPa (6 bar, 87 psi) | 301 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 |
| PWIS conformity | VDMA24364-B1/B2-L |
| Ambient temperature | 5 ... 60 °C |
| Mass moment of inertia | 2.33 kgcm ² |
| Max. force on gripper jaw Fz static | 180 N |
| Max. torque at gripper My static | 10 Nm |
| Max. torque at gripper Mz static | 1 Nm |
| Lubrication interval for guide components | 10 Mio SP |
| Product weight | 610 g |
| Mounting type | Internal thread and centering sleeve |
| Pneumatic connection | M5 |
| Materials note | Conforms to RoHS |
| Material housing | Smooth-anodised wrought aluminium alloy |
| Material gripper jaws | Steel, hardened |