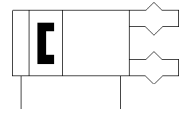
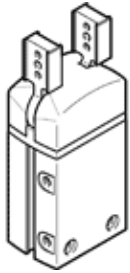


radial gripper DHRS-25-A

Part number: 1310162

FESTO



Data sheet

| Feature | Value |
|---|--|
| Size | 25 |
| Max. replacement accuracy | ≤ 0.2 mm |
| Max. opening angle | 180 deg |
| Rotationally symmetrical | ≤ 0.2 mm |
| Repetition accuracy, gripper | ≤ 0.1 mm |
| Number of gripper fingers | 2 |
| Assembly position | Any |
| Mode of operation | double-acting |
| Gripper function | radial |
| Design structure | guided motion sequence |
| Position detection | For proximity sensor |
| Operating pressure | 2 ... 8 bar |
| Max. operating frequency of gripper | ≤ 3 Hz |
| Min. opening time at 6 bar | 102 ms |
| Min. closing time at 6 bar | 105 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 |
| Ambient temperature | 5 ... 60 °C |
| Total gripping torque at 6 bar, opening | 233 Ncm |
| Total gripping torque at 6 bar, closing | 215 Ncm |
| Mass moment of inertia | 0.69 kgcm ² |
| Max. force on gripper jaw Fz static | 75 N |
| Max. torque at gripper Mx static | 3.2 Nm |
| Max. torque at gripper My static | 3.2 Nm |
| Max. torque at gripper Mz static | 3.2 Nm |
| Product weight | 270 g |
| Mounting type | Optional Internal thread and centring sleeve With through-hole and centring sleeve |
| Pneumatic connection | M5 |
| Materials note | Conforms to RoHS |
| Material cover cap | PA |
| Material housing | Wrought Aluminium alloy Hard anodised |
| Material gripper jaws | High alloy steel |