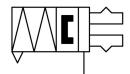
Radial gripper DHRC-16-A-S-NO Part number: 8128721





Data sheet



General operating condition

| Feature | Value |
|---|--|
| Size | 16 |
| Max. interchangeability | ≤0.2 mm |
| Max. opening angle | 180 deg |
| Rotational symmetry | ≤0.2 mm |
| Pneumatic gripper repetition accuracy | ≤0.1 mm |
| Number of gripper jaws | 2 |
| Actuator system | Pneumatic |
| Mounting position | Any |
| Mode of operation | Single-acting Open |
| Gripper function | Radial |
| Gripping force backup | On opening |
| Structural design | Connection direction at side Positively driven motion sequence |
| Position sensing | For proximity sensor |
| Symbol | 00997349 |
| Operating pressure | 0.2 MPa 0.8 MPa |
| Operating pressure | 2 bar 8 bar |
| Operating pressure | 29 psi 116 psi |
| Max. operating frequency of pneumatic gripper | ≤2 Hz |
| Min. opening time at 6 bar | 42 ms |
| Min. closing time at 6 bar | 21 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) | 0 - No corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Ambient temperature | -10 °C 60 °C |
| Total gripping torque at 6 bar, closing | 50.3 Ncm |
| Mass moment of inertia | 0.134 kgcm ² |
| Maximum force on gripper jaw Fz, static | 60 N |
| Maximum torque on gripper jaw, Mx static | 2 Nm |
| Maximum torque on gripper jaw, My static | 1 Nm |
| Maximum torque on gripper jaw, Mz static | 2 Nm |
| Product weight | 112.5 g |

| Feature | Value |
|----------------------|---|
| Type of mounting | Optionally: Direct mounting via through-hole Direct fastening via thread With through-hole and dowel pin With internal thread and dowel pin |
| Pneumatic connection | M3 |
| Note on materials | RoHS-compliant |
| Cover cap material | Wrought aluminum alloy, anodized |
| Housing material | Wrought aluminum alloy, anodized |
| Gripper jaw material | High-alloy steel |