

Rotary indexing table DHTG-140-12-A

Part number: 548091

FESTO



[PDF](#) General operating condition

Data sheet

| Feature | Value |
|---|--|
| Size | 140 |
| Parallelity poppet valve | ≤0.04 mm |
| Axial eccentricity poppet valve | ≤0.02 mm |
| Concentricity poppet valve | ≤0.02 mm |
| Repetition accuracy of swivel angle | ≤0.03 deg |
| Cushioning | Shock absorber, hard characteristic curve, adjustable |
| Mounting position | optional |
| Mode of operation | Double-acting |
| Design | Gear coupling Rack and pinion Force pilot operated motion sequence |
| Symbol | 00992251 |
| Position detection | Via inductive sensors |
| Pitch | 12 |
| Operating pressure | 0.3 MPa ... 0.8 MPa |
| Operating pressure | 3 bar ... 8 bar |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Storage temperature | -20 °C ... 80 °C |
| Sound pressure level | ≤70 dB(A) |
| Degree of protection | IP54 |
| Ambient temperature | 5 °C ... 60 °C |
| Mass moment of inertia | 3000 kgcm ² |
| Max. axial force static | 4000 N |
| Max. pull-out torque static | 300 Nm |
| Max. radial force static | 6000 N |
| Max. tangential torque static | 200 Nm |
| Theoretical torque at 0.6 MPa (6 bar, 87 psi) | 18.1 Nm |

| Feature | Value |
|-----------------------|--------------------------------------|
| Product weight | 10000 g |
| Type of mounting | Via through-hole and centring sleeve |
| Pneumatic connection | Female thread G1/8 |
| Material poppet valve | Galvanised steel |
| Note on materials | RoHS-compliant |
| Material stops | Galvanised steel |
| Material cover | Wrought aluminium alloy |
| Material seals | NBR TPE-U(PU) |
| Material housing | Wrought aluminium alloy |