

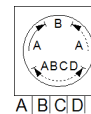
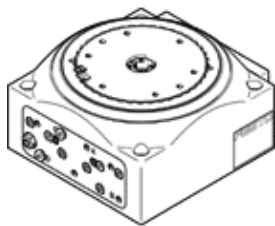
rotary indexing table

DHTG-90-8-A

Part number: 548085

FESTO

For position sensing.



Data sheet

| Feature | Value |
|---|---|
| Size | 90 |
| Parallelity poppet valve | ≤ 0.04 mm |
| Axial ecc poppet valve | ≤ 0.02 mm |
| Concentricity poppet valve | ≤ 0.02 mm |
| Repetition accuracy of the swivel angle | ≤ 0.03 deg |
| Cushioning | YSRJ: Shock absorber, hard characteristic curve, adjustable |
| Assembly position | Any |
| Mode of operation | double-acting |
| Design structure | Gear coupling Rack and pinion guided motion sequence |
| Position detection | For inductive sensors |
| Pitch | 8 |
| Operating pressure | 4 ... 8 bar |
| 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 | 2 - Moderate corrosion stress |
| Sound pressure level | ≤ 70 dB(A) |
| Ambient temperature | 5 ... 60 °C |
| Max. axial force static | 2,000 N |
| Max. pull-out torque static | 150 Nm |
| Max. radial force static | 5,000 N |
| Max. tangential torque static | 150 Nm |
| Theoretical torque at 6 bar | 4.4 Nm |
| Product weight | 4,500 g |
| Mounting type | With through-hole and centring sleeve |
| Pneumatic connection | Female thread M5 |
| Material poppet valve | steel, galvanized |
| Materials note | Free of copper and PTFE Conforms to RoHS |
| Material stops | steel, galvanized |
| Material cover | Wrought Aluminium alloy |
| Material seals | NBR TPE-U(PU) |
| Material housing | Wrought Aluminium alloy |