

# Rotary indexing table

## DHTG-90-2-A

Part number: 548082

FESTO



[PDF General operating condition](#)

## Data sheet

| Feature                                  | Value  |
|--|--|
| Size                                     | 90   |
| Parallelism of plate                     | ≤0.04 mm   |
| Axial eccentricity of plate              | ≤0.02 mm   |
| Plate concentricity                      | ≤0.02 mm   |
| Repetition accuracy of swivel angle      | ≤0.03 deg  |
| Cushioning                               | Pneumatic shock absorber, hard characteristic curve, adjustable        |
| Mounting position                        | Any  |
| Mode of operation                        | Double-acting  |
| Structural design                        | Gear coupling<br>Gear rack/pinion<br>Positively driven motion sequence |
| Symbol                                   | 00992251   |
| Position sensing                         | For inductive proximity sensors  |
| Spacing                                  | 2  |
| Operating pressure                       | 0.3 MPa ... 0.8 MPa  |
| Operating pressure                       | 3 bar ... 8 bar  |
| 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)         | 2 - Moderate corrosion stress  |
| LABS (PWIS) conformity                   | VDMA24364-B2-L   |
| Storage temperature                      | -20 °C ... 80 °C   |
| Noise level                              | ≤70 dB(A)  |
| Degree of protection                     | IP54   |
| Ambient temperature                      | 5 °C ... 60 °C   |
| Mass moment of inertia                   | 300 kgcm <sup>2</sup>  |
| Max. axial force static                  | 2000 N   |
| Max. pull-out torque static              | 150 Nm   |
| Max. radial force static                 | 5000 N   |
| Max. tangential torque static            | 150 Nm   |
| Theoretical torque at 6 bar              | 4.4 Nm   |

| <b>Feature</b>       | <b>Value</b>                          |
|----------------------|---------------------------------------|
| Product weight       | 4500 g                                |
| Type of mounting     | Via through-hole and centering sleeve |
| Pneumatic connection | Internal thread M5                    |
| Plate material       | Steel, galvanized                     |
| Note on materials    | RoHS-compliant                        |
| Stops material       | Steel, galvanized                     |
| Cover material       | Wrought aluminum alloy                |
| Seals material       | NBR<br>TPE-U(PU)                      |
| Housing material     | Wrought aluminum alloy                |