

# Rotary indexing table DHTG-65-12-A

Part number: 548080

FESTO



[PDF](#) General operating condition

## Data sheet

| Feature                                       | Value  |
|---|--|
| Size  | 65   |
| 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                             | Any  |
| Mode of operation                             | Double-acting  |
| Design  | Gear coupling<br>Rack and pinion<br>Force pilot operated motion sequence                   |
| Symbol  | 00992251   |
| Position detection                            | For 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                        | 160 kgcm <sup>2</sup>  |
| Max. axial force static                       | 1000 N   |
| Max. pull-out torque static                   | 100 Nm   |
| Max. radial force static                      | 2000 N   |
| Max. tangential torque static                 | 100 Nm   |
| Theoretical torque at 0.6 MPa (6 bar, 87 psi) | 2.1 Nm   |

| <b>Feature</b>        | <b>Value</b>                         |
|-----------------------|--------------------------------------|
| Product weight        | 1900 g                               |
| Type of mounting      | Via through-hole and centring sleeve |
| Pneumatic connection  | Female thread M5                     |
| Material poppet valve | Galvanised steel                     |
| Note on materials     | RoHS compliant                       |
| Material stops        | Galvanised steel                     |
| Material cover        | Wrought aluminium alloy              |
| Material seals        | NBR<br>TPE-U(PU)                     |
| Material housing      | Wrought aluminium alloy              |