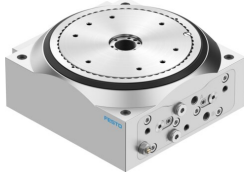


# Rotary indexing table DHTG-140-12-A-L

Part number: 8213382

**FESTO**



## Data sheet

| Feature                                  | Value                                                                  |
|------------------------------------------|------------------------------------------------------------------------|
| Size                                     | 140                                                                    |
| 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                                                               |
| Direction of rotation                    | Anticlockwise                                                          |
| 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 |
| Position sensing                         | For inductive sensors                                                  |
| Spacing                                  | 12                                                                     |
| Operating pressure                       | 0.3 MPa...0.8 MPa<br>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                   | 3000 kgcm <sup>2</sup>                                                 |
| Max. axial force static                  | 4000 N                                                                 |
| Max. pull-out torque static              | 300 Nm                                                                 |
| Max. radial force static                 | 6000 N                                                                 |

| Feature                       | Value                                 |
|-------------------------------|---------------------------------------|
| Max. tangential torque static | 200 Nm                                |
| Theoretical torque at 6 bar   | 18.1 Nm                               |
| Product weight                | 10000 g                               |
| Type of mounting              | Via through-hole and centering sleeve |
| Pneumatic connection          | Internal thread G1/8                  |
| 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                |