

# Rotary indexing table DHTG-220-3-A-L

Part number: 8213384

FESTO



[PDF](#) [General operating condition](#)

## Data sheet

| Feature                             | Value  |
|-------------------------------------|--|
| Size                                | 220  |
| 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  |
| Direction of rotation               | Anticlockwise rotation   |
| 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                               | 3  |
| 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              | 25000 kgcm <sup>2</sup>  |
| Max. axial force static             | 5000 N   |
| Max. pull-out torque static         | 500 Nm   |
| Max. radial force static            | 8000 N   |
| Max. tangential torque static       | 500 Nm   |

| <b>Feature</b>                                | <b>Value</b>                         |
|---|--------------------------------------|
| Theoretical torque at 0.6 MPa (6 bar, 87 psi) | 58.9 Nm                              |
| Product weight                                | 24000 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<br>TPE-U(PU)                     |
| Material housing                              | Wrought aluminium alloy              |