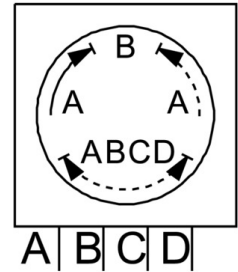
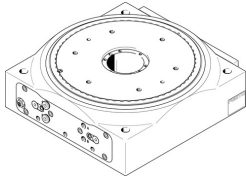


# Rotary indexing table DHTG-220-4-A

Part number: 548093

FESTO



## Data sheet

| Feature                                  | Value  |
|--|--|
| Size                                     | 220<br>220   |
| 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  |
| Type code                                | DHTG<br>DHTG   |
| Cushioning                               | Pneumatic shock absorber, hard characteristic curve, adjustable<br>Pneumatic shock absorber, hard characteristic curve, adjustable               |
| Mounting position                        | Any<br>Any   |
| Mode of operation                        | Double-acting  |
| Design                                   | Gear coupling<br>Positively driven motion sequence<br>Gear rack/pinion<br>Gear coupling<br>Gear rack/pinion<br>Positively driven motion sequence |
| Symbol                                   | 00992251   |
| Position sensing                         | For inductive proximity sensors<br>For inductive proximity sensors   |
| Spacing                                  | 4  |
| Operating pressure                       | 4 bar ... 8 bar  |
| Operating medium                         | Compressed air as per ISO 8573-1:2010 [7:4:4]<br>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)<br>Operation with oil lubrication possible (required for further use)         |
| Corrosion resistance class (CRC)         | 2 - Moderate corrosion stress<br>2 - Moderate corrosion stress   |
| Noise level                              | ≤70 dB(A)  |
| Ambient temperature                      | 5 °C ... 60 °C   |
| 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 6 bar | 58.9 Nm  |
| Product weight              | 24000 g  |
| Type of mounting            | Via through-hole and centering sleeve<br>Via through-hole and centering sleeve         |
| Pneumatic connection        | Internal thread G1/8<br>Internal thread G1/8   |
| Plate material              | Steel, galvanized  |
| Note on materials           | RoHS-compliant<br>Free of copper and PTFE<br>Free of copper and PTFE<br>RoHS-compliant |
| Stops material              | Steel, galvanized<br>Steel, galvanized   |
| Cover material              | Wrought aluminum alloy<br>Wrought aluminum alloy                                       |
| Seals material              | NBR<br>TPE-U(PU)<br>NBR<br>TPE-U(PU)   |
| Housing material            | Wrought aluminum alloy<br>Wrought aluminum alloy                                       |