

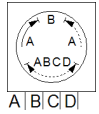
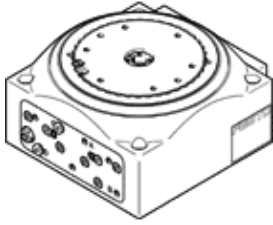
# Rotary indexing table

## DHTG-90-6-A

Part number: 548084

FESTO

For position sensing.



## Data sheet

| Feature                                       | Value   |
|---|---|
| Size  | 90  |
| Parallelity poppet valve                      | $\leq 0.04$ mm  |
| Axial eccentricity poppet valve               | $\leq 0.02$ mm  |
| Concentricity poppet valve                    | $\leq 0.02$ mm  |
| Repetition accuracy of the swivel angle       | $\leq 0.03$ deg   |
| Cushioning                                    | YSRJ: Shock absorber, hard characteristic curve, adjustable                 |
| Assembly position                             | Any   |
| Mode of operation                             | double-acting   |
| Design structure                              | Gear coupling<br>Rack and pinion<br>guided motion sequence                  |
| Position detection                            | For inductive sensors   |
| Pitch   | 6   |
| Working pressure                              | 4 ... 8 bar   |
| Operating medium                              | Compressed air in accordance with ISO8573-1:2010 [7:4:4]                    |
| Note on operating and pilot medium            | Lubricated operation possible (subsequently required for further operation) |
| Corrosion resistance classification CRC       | 2 - Moderate corrosion stress   |
| PWIS conformity                               | VDMA24364-B2-L  |
| Sound pressure level                          | $\leq 70$ dB(A)   |
| Ambient temperature                           | 5 ... 60 °C   |
| Max. axial force static                       | 2,000 N   |
| Max. pull-out torque static                   | 150 Nm  |
| Max. radial force static                      | 5,000 N   |
| Max. tangential torque static                 | 150 Nm  |
| Theoretical torque at 0.6 MPa (6 bar, 87 psi) | 4.4 Nm  |
| Product weight                                | 4,500 g   |
| Mounting type                                 | With through-hole and centering sleeve                                      |
| Pneumatic connection                          | Female thread M5  |
| Material poppet valve                         | steel, galvanized   |
| Materials note                                | Conforms to RoHS  |
| Material stops                                | steel, galvanized   |
| Material cover                                | Wrought Aluminum alloy  |
| Material seals                                | NBR<br>TPE-U(PU)  |
| Material housing                              | Wrought Aluminum alloy  |