

# Rotary indexing table

## DHTG-90-3-A

Part number: 555449

FESTO



[PDF General operating condition](#)

## Data sheet

Feature	Value
Size	90
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
Cushioning	Pneumatic shock absorber, hard characteristic curve, adjustable
Mounting position	Any
Mode of operation	Double-acting
Structural design	Gear coupling Gear rack/pinion Positively driven motion sequence
Symbol	00992251
Position sensing	For inductive proximity sensors
Spacing	3
Operating pressure	0.3 MPa ... 0.8 MPa
Operating pressure	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	300 kgcm <sup>2</sup>
Max. axial force static	2000 N
Max. pull-out torque static	150 Nm
Max. radial force static	5000 N
Max. tangential torque static	150 Nm
Theoretical torque at 6 bar	4.4 Nm

<b>Feature</b>	<b>Value</b>
Product weight	4500 g
Type of mounting	Via through-hole and centering sleeve
Pneumatic connection	Internal thread M5
Plate material	Steel, galvanized
Note on materials	RoHS-compliant
Stops material	Steel, galvanized
Cover material	Wrought aluminum alloy
Seals material	NBR TPE-U(PU)
Housing material	Wrought aluminum alloy