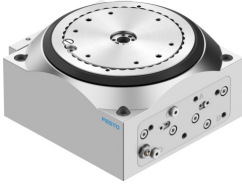


# Rotary indexing table DHTG-90-12-A

Part number: 548086

**FESTO**



## 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
Position sensing	For inductive proximity sensors
Spacing	12
Operating pressure	0.3 MPa...0.8 MPa 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

Feature	Value
Theoretical torque at 6 bar	4.4 Nm
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