

Rotary indexing table DHTG-140-12-A

Part number: 548091

FESTO



[General operating condition](#)

Data sheet

Feature	Value
Size	140
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 sensors
Spacing	12
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	3000 kgcm ²
Max. axial force static	4000 N
Max. pull-out torque static	300 Nm
Max. radial force static	6000 N
Max. tangential torque static	200 Nm
Theoretical torque at 6 bar	18.1 Nm

Feature	Value
Product weight	10000 g
Type of mounting	Via through-hole and centering sleeve
Pneumatic connection	Internal thread G1/8
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