

Rotary indexing table DHTG-90-12-A

Part number: 548086

FESTO



[PDF](#) [General operating condition](#)

Data sheet

Feature	Value
Size	90
Parallelity poppet valve	≤0.04 mm
Axial eccentricity poppet valve	≤0.02 mm
Concentricity poppet valve	≤0.02 mm
Repetition accuracy of swivel angle	≤0.03 deg
Cushioning	Shock absorber, hard characteristic curve, adjustable
Mounting position	optional
Mode of operation	Double-acting
Design	Gear coupling Rack and pinion Force pilot operated motion sequence
Symbol	00992251
Position detection	Via inductive sensors
Pitch	12
Operating pressure	0.3 MPa ... 0.8 MPa
Operating pressure	3 bar ... 8 bar
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Storage temperature	-20 °C ... 80 °C
Sound pressure level	≤70 dB(A)
Degree of protection	IP54
Ambient temperature	5 °C ... 60 °C
Mass moment of inertia	300 kgcm ²
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 0.6 MPa (6 bar, 87 psi)	4.4 Nm

Feature	Value
Product weight	4500 g
Type of mounting	Via through-hole and centring sleeve
Pneumatic connection	Female thread M5
Material poppet valve	Galvanised steel
Note on materials	RoHS-compliant
Material stops	Galvanised steel
Material cover	Wrought aluminium alloy
Material seals	NBR TPE-U(PU)
Material housing	Wrought aluminium alloy