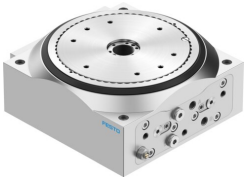
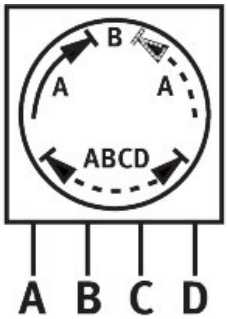
Rotary indexing table
DHTG-140-8-A-L

Part number: 8213381





Data sheet

Feature	Value
Size	140
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
Direction of rotation	Anticlockwise rotation
Cushioning	Shock absorber, hard characteristic curve, adjustable
Mounting position	Any
Mode of operation	Double-acting
Design	Gear coupling Rack and pinion Force pilot operated motion sequence
Position detection	For inductive sensors
Pitch	8
Operating pressure	0.3 MPa...0.8 MPa 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	3000 kgcm²
Max. axial force static	4000 N
Max. pull-out torque static	300 Nm

Feature	Value
Max. radial force static	6000 N
Max. tangential torque static	200 Nm
Theoretical torque at 0.6 MPa (6 bar, 87 psi)	18.1 Nm
Product weight	10000 g
Type of mounting	Via through-hole and centring sleeve
Pneumatic connection	Female thread G1/8
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