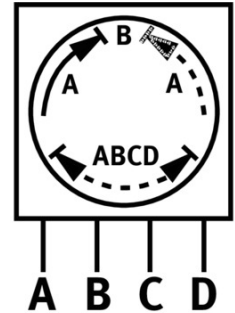
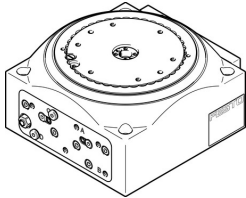


Rotary indexing table DHTG-90-4-A

Part number: 548083

FESTO



Data sheet

General operating condition

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	0092251
Position detection	Via inductive sensors
Pitch	4
Operating pressure	4 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
Sound pressure level	≤ 70 dB(A)
Ambient temperature	5 °C ... 60 °C
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
Product weight	4500 g
Type of mounting	Via through-hole and centring sleeve
Pneumatic connection	Female thread M5
Material poppet valve	Galvanised steel

Feature	Value
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