

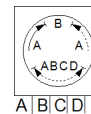
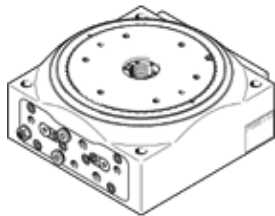
rotary indexing table

DHTG-140-3-A

Part number: 555450

FESTO

For position sensing.



Data sheet

Feature	Value
Size	140
Parallelity poppet valve	≤ 0.04 mm
Axial ecc poppet valve	≤ 0.02 mm
Concentricity poppet valve	≤ 0.02 mm
Repetition accuracy of the swivel angle	≤ 0.03 deg
Cushioning	YSRJ: Shock absorber, hard characteristic curve, adjustable
Assembly position	Any
Mode of operation	double-acting
Design structure	Gear coupling Rack and pinion guided motion sequence
Position detection	For inductive sensors
Pitch	3
Operating pressure	4 ... 8 bar
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B2-L
Sound pressure level	≤ 70 dB(A)
Ambient temperature	5 ... 60 °C
Max. axial force static	4,000 N
Max. pull-out torque static	300 Nm
Max. radial force static	6,000 N
Max. tangential torque static	200 Nm
Theoretical torque at 0.6 MPa (6 bar, 87 psi)	18.1 Nm
Product weight	10,000 g
Mounting type	With through-hole and centring sleeve
Pneumatic connection	Female thread G1/8
Material poppet valve	steel, galvanized
Materials note	Conforms to RoHS
Material stops	steel, galvanized
Material cover	Wrought Aluminium alloy
Material seals	NBR TPE-U(PU)
Material housing	Wrought Aluminium alloy