

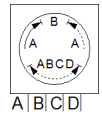
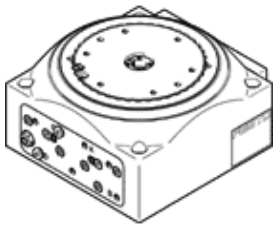
# rotary indexing table

## DHTG-90-12-A

Part number: 548086

FESTO

For position sensing.



## Data sheet

Feature	Value
Size	90
Parallelity poppet valve	$\leq 0.04$ mm
Axial ecc poppet valve	$\leq 0.02$ mm
Concentricity poppet valve	$\leq 0.02$ mm
Repetition accuracy of the swivel angle	$\leq 0.03$ 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	12
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	$\leq 70$ dB(A)
Ambient temperature	5 ... 60 °C
Max. axial force static	2,000 N
Max. pull-out torque static	150 Nm
Max. radial force static	5,000 N
Max. tangential torque static	150 Nm
Theoretical torque at 0.6 MPa (6 bar, 87 psi)	4.4 Nm
Product weight	4,500 g
Mounting type	With through-hole and centring sleeve
Pneumatic connection	Female thread M5
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