

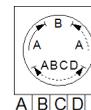
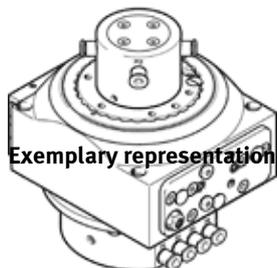
rotary indexing table

DHTG-90-

Part number: 575739
Product to be discontinued

FESTO

Type to be discontinued. Available until 2023. See Support Portal for alternative products.



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Size	90
Parallellity 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	2 ... 24 deg
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 zone III
Sound pressure level	≤ 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
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