

Product



Pneumatic RST-P 87 Rotary Feed-Through

Product Features

Product Features:

- ✓ An accessory for RST-P
- ✓ Purely pneumatic rotary feed-through for the RST-P 87 ring indexing table
- ✓ Can be also retrofitted

Market and Competitors

Main Competitors

- ✓ Festo
DHTG (4 sizes): It can be compared with the third size of Festo. The other two versions can be compared with the two smaller sizes.
However, no rotary feed-through is offered
- ✓ Mader
RSE (4 sizes): Mader has no consistent series.
However, no rotary feed-through is offered

Cost Effectiveness/ Customer Benefits

- ✓ Due to the use of the rotary feed-through, handling components can be actuated in any direction without causing a troublesome cable mix-up.
- ✓ Right hand, left hand and pendulum operation are possible via the control unit, and therefore ensures absolute flexibility to the user.
- ✓ High damping performance due to the use of hydraulic shock absorbers and large rotary tables
- ✓ Large, fixed center part for simple addition of further components
- ✓ Two locking bolts, therefore the drive ring has no backlash
- ✓ Spacers for modification between the pitch 4, 6 and 12 are available
- ✓ Center bore for media feed-through for supply of additional components

Questions about the product? Your contact person is J. Khoury (+49 - 7133 - 103 - 2561)

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Technical Data/ Functions

Technical Data

- ✓ Sizes 60 .. 87
- ✓ Pitch 4 .. 12
- ✓ Torque 1,2 Nm .. 3 Nm
- ✓ Max. mass moment of inertia 0.03 kgm² .. 0.08 kgm²
- ✓ Repeat accuracy 0.06° .. 0.09°
- ✓ The RST-P 87 can be equipped with 3 pneumatic connections now

Function

After pressure actuation of the faces, the drive piston linearly moves into the bore, and turns the cycle ring via a laterally attached gear. After actuation of the locking piston it is indexed, and releases the drive piston for return stroke.

Complementary Products:

- ✓ Valves
- ✓ Linear modules LM, KLM, CLM
- ✓ Pick & Place Units PPU-P, PPU-E

Industries and Application

RST-P particular convinces in the following industries:

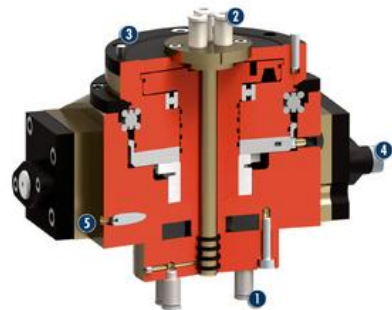
- ✓ Electronics Assembly
- ✓ Assembly and handling technology
- ✓ Leisure time goods/household goods
- ✓ Medical technology

Applications

- ✓ Valve assembly

Additional information

Cross Section



1. Air connection static
2. Air connection flexible
3. Attachment connection
4. End position damping
5. Housing

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