

Product



No. 1 Position

The most compact electrical Rotary Module with Holding Brake

Product Features

Unique Selling Points:

- ✓ High torque at a low height
- ✓ Integrated pneumatic holding brake

Further product features:

- ✓ Version for intermediate circuit voltage of 48V DC and 560 V DC
- ✓ Center bore for cable feed-through
- ✓ Continually rotating
- ✓ Delivery as of July 2010
- ✓ Price 1.915,- € to 2.299,- € plus. 496,- € for the holding brake

Market and Competitors

Key Competitors

- ✓ Servax
- ✓ ISEL

Advantages towards competitors:

- ✓ Extremely low height
- ✓ Integrated pneumatic holding brake

Cost Effectiveness/ Customer Benefits

- ✓ High torque at a low height. Therefore compact plant designs are possible
- ✓ Any user-defined intermediate position can be fixed, and makes highly flexible processes feasible
- ✓ Equipped with the Motion-Controller MCS12 (48 V DC) or standard control units Siemens/Bosch (560 V DC). The control system offers maximum flexibility to the user
- ✓ Continually rotating – offers a vast spectrum of applications
- ✓ Centre bore for cable feed-through. Therefore compact and tidy plant designs are feasible
- ✓ Pneumatic holding brake for reliable position locking

Technical Data/ Functions

- ✓ Size: 135
- ✓ Weight: 2.7 kg
- ✓ Axial force: 2500 N
- ✓ Torque: up to 7.1 Nm
- ✓ Bending moment: 75 Nm

Industries and Fields of Application

The STM 135 particularly convinces in the following industries

- ✓ Automotive industry
- ✓ Chemicals industry
- ✓ Pharmaceutical industry

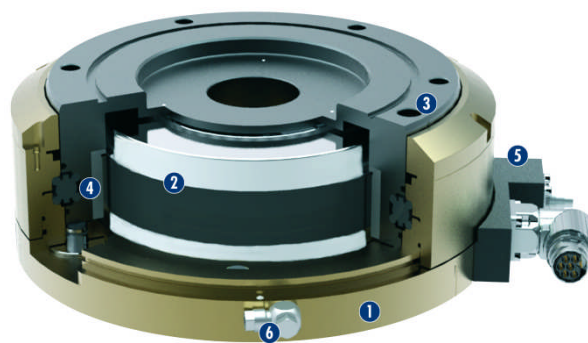
Applications

- ✓ Can be used as freely programmable rotary indexing table in an assembly plant
- ✓ As a drive element in a packaging plant for chemical barrels
- ✓ For re-orientation of closed insulin ampules

Additional Information

Other sizes: STM: 170, 210

Cross Section



1. Basic carrier for stator
2. Stator package
3. External rotor with center bore
4. Bearing flange with four point bearing
5. Connection pneumatic holding brake
6. Electric connection