### Technical data FIBROTOR® EM.13

#### Encoding
<table>
<thead>
<tr>
<th>EM.13</th>
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</tbody>
</table>

#### Table top dimensions
- Standard dimensions
- Strengthened table top bearing
- Table top lock
- Built-in version

**Drive motor**
- Standard brake motor
- Hydraulic motor
- Pneumatic motor
- AC servomotor
- Special brake motor
- Special version
- Without motor

#### Drive arrangement
- See planning documents under [www.fibrotor.de/downloads](http://www.fibrotor.de/downloads)
- Special division up to T 96 on request

#### Division
- 2, 3, 4, 5, 6, 8, 10, 12, 16, 20, 24

#### Additional assemblies
- No additional modules
- Strengthened table top bearing
- Hydraulic table top lock
- Built-in version
- Built-in version with mounting ring
- Vertical version
- Vertical version with base plate
- Centring ring
- Centring flange
- Centring ring and centring flange

#### Indexing accuracy in arc seconds
- Division 2 – 12
- Division 16 – 24
- More than division 24
  - ± 18°
  - ± 25°
  - ± 35°

#### Indexing accuracy in arc length (on Ø 280 mm)
- Division 2 – 12
- Division 16 – 24
- More than division 24
  - ± 0.012 mm
  - ± 0.017 mm
  - ± 0.024 mm

#### Axial runout of table top
- (relates to Ø 280 mm)
  - 0.01 mm

#### Concenccentricity of the centre hole
- (relates to Ø 110 resp. 150 mm)
  - 0.01 mm

#### Plane parallelism of table top to base on the housing
- (relates to Ø 280 mm)
  - 0.03 mm

#### Direction of rotation
- Any, limit switch set for cw rotation

#### Indexing frequency
- Standard brake motor
- Higher indexing frequencies on request
  - 35 c/min
  - max. 80 c/min
### Technical data FIBROTOR® EM.13

#### Switching/ hold angles

<table>
<thead>
<tr>
<th>Divisions</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
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<tbody>
<tr>
<td>t&lt;sub&gt;1&lt;/sub&gt;, s</td>
<td>4.3</td>
<td>3.9</td>
<td>3.1</td>
<td>3.1</td>
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<tr>
<td>r&lt;sub&gt;1&lt;/sub&gt;, r/min</td>
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#### Voltage

- Motor: 230 V, AC
- Special voltages on request

#### Motor power

0.12 – 0.75 kW

#### Centre hole

- With side opening on the housing
- Depending on indexing time and mass moment of inertia

#### Working position

Any, standard: Horizontal table top, (please specify other mounting positions when ordering)

#### Weight

Approx. 70 kg

### Indexing times FIBROTOR® EM.13

#### Divisions with right-angled gearing

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#### Divisions with parallel shaft gearing

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#### in combination with special brake motor

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### Load data FIBROTOR® EM.13

#### Perm. transport load

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<th>Horizontally</th>
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<tr>
<td>Table top up</td>
<td>kg</td>
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#### Perm. add-on diameter

| mm | 1400 |

#### Perm. radial loading on table top

| Table top up | kg | kg | 16000 | 6000 |

#### Perm. tilting moment on positioned table top

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#### Perm. tilting moment on rotating table top

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#### Machining force and eccentric load switching timetable not applicable.

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*Subject to change without notice*
Installed dimensions FIBROTOR EM.13 division 02 - 05
Version with right-angled gearing
Drive arrangement 142, for other drive arrangements drawings or DXF-files are available on request

Subject to change without notice
Installed dimensions FIBROTOR EM.13 division 02 - 05
Version with parallel shaft gearing
Drive arrangement 111, for other drive arrangements drawings or DXF-files are available on request

Installed dimensions FIBROTOR EM.13 division 06 - 24
Version with parallel shaft gearing
Drive arrangement 111, for other drive arrangements drawings or DXF-files are available on request