Synchronous telescopic spindle unit 4115.14

Description
Twofold telescopic lifting unit with bevel gear head for various linear drive solutions. Ideal for electromotive sit-stand workplace applications or wherever an infinite linear adjustment is required at a high speed, maximum stroke with a minimum installation dimension. The lifting unit is available in different spindle lengths.

Special features
- Double speed through synchronous telescope design
- Maximum stroke with minimum installation dimension
- Ideal for electromotive drives
- Available in different spindle lengths

Variant key

Variant key 4115.14-V01
Motorflange 1
3130.14-V

Variant key 4115.14-V02
Motorflange 2
3130.14-V1

Technical data

<table>
<thead>
<tr>
<th>Model</th>
<th>4115.14-V02EXXXXXMXXX</th>
<th>4115.14-V01EXXXXXMXXX</th>
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</thead>
<tbody>
<tr>
<td>Type of spindle</td>
<td>SG20x10P2 RH</td>
<td>SG20x10P2 RH</td>
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<td>SG10x10P2 RH</td>
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<tr>
<td>Travel path</td>
<td>20 mm/rotation synchronous spindle movement</td>
<td>20 mm/rotation synchronous spindle movement</td>
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<tr>
<td>Traverse speed*</td>
<td>40 mm/s*</td>
<td>40 mm/s*</td>
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<tr>
<td>Retracted length E</td>
<td>customized min. 476 mm, max. 560 mm</td>
<td>customized min. 476 mm, max. 560 mm</td>
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<td>Stroke H**</td>
<td>720 mm</td>
<td>720 mm</td>
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<tr>
<td>Max. lifting force</td>
<td>dyn. 900 N stat. 900 N</td>
<td>dyn. 900 N stat. 900 N</td>
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<tr>
<td>Required max. drive torque</td>
<td>3.3 Nm</td>
<td>3.3 Nm</td>
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</table>

* In combination with motor 3133 and the LogicData control box Compact-3
** Stroke length of 720 mm is constant at installation dimension between 476 mm and 560 mm

Technical notes
- The lifting units must be protected against lateral forces by a separate guide system.
- Attention: The spindle systems with a spindle pitch ≥ 3mm may not be self-locking. Check the self-locking effect in the application.
- The lifting unit is only pressure loadable.
- Customer specific stroke and installation lengths available upon request.
- Incorrect dimensioning of the guide system can damage the lifting unit: Please note the design and safety instructions for spindle drives. You will find them at: https://www.ketterer.de/en/downloads/instructions