**Electric synchronous telescopic drive**

**Description**
Electric motor solution for the individual sit-stand workplace. Smooth running stepless height adjustment.

**Special features**
Simple mounting, integrated position measuring system, twice telescopic. Electronic synchronisation with up to 24 actuators. Synchronous movement of the spindle units, double stroke speed.

**Customer specific**
Because of the modular design it is possible to meet special customer requirements even for small quantities.

**Caution**
Please take into account that depending on the spindle pitch, the system could back-drive.
# Electric synchronous telescopic drive 4114

## Technical Data

<table>
<thead>
<tr>
<th>Model</th>
<th>4114</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Motor</strong></td>
<td>DC Motor 24 V</td>
</tr>
<tr>
<td><strong>Sensor/Power supply</strong></td>
<td>Hall/5 V DC/0.3 A</td>
</tr>
<tr>
<td><strong>Protection class</strong></td>
<td>IP30</td>
</tr>
<tr>
<td><strong>Duty cycle</strong></td>
<td>20% (at 5 min.)</td>
</tr>
</tbody>
</table>
| **Idle running speed** | 100 rpm (24 V)  
| | 150 rpm * |
| **Stroke max.** | (retracted length -170 mm) x2 |
| **Typ of spindle** | SG25x12P6 RH **  
| | SG12x12P4 RH |
| **Max. lifting force** | 800 N |
| **Max. drive torque** | 5 Nm |
| **Movement speed** | 50 mm/s * |

* in combination with LogicData control box Compact-3  
** further type of spindles on request

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## Example of use

Control box and hand switch  
see catalog page “accessories”
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- Electronic synchronisation with up to 24 actuators
- Synchronous movement of the spindle units
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Electric synchronous telescopic drive 4114 – ways of installation

Version of adapters depending on tube cross section or design

Construction note
A nut which is adapted to the tube, realizes the required connection of the middle guide tube. The guiding tubes have to be locked with each other against rotation.

Ways of connection:

Detail A
Detail B
Detail C
Detail D in section
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