DESKLIFT™ DL19

The DESKLIFT DL19 is a 3-part lifting column with square profiles and motor housing. The column has invisible gliding pads for improved design. It is a perfect choice for a wide range of different desk applications ranging from industry to office desks. The 3-part construction ensures a short installation dimension combined with a long stroke length making the DL19 an optimum choice no matter what the height of the person using the desk is. The DL19 has a compact motor housing, which is Kick & Click™ compatible. The DL19 is available in several standard colours to fit into a wide range of desk designs. Optional PIEZO™ (collision protection) can be chosen. PIEZO minimises the risk for damages on a desk caused by collision with an obstacle.

The DL19 system is controlled by a DESKLINE® control box (CBD), it ensures optimal parallel drive and a pleasant low noise level. The DL19 can be used as a single column or in 2, 3 or 4 parallel systems.

Features:
- 3-part motor housing column
- Square profiles, outer profile 70 x 70 mm
- Invisible gliding pads for an improved design
- Plug mounted on the DL19 for connection to the CBD with a DESKLINE® motor cable
- Max. thrust 800 N per column
- Max. speed 38 mm/s unloaded
- Standard installation dimension 560 mm
- Standard stroke length 650 mm
- Weight: 8.5 kg pr. column
- Dimension motor housing: 177 x 97 x 46 mm
- Bending moment: My = max. 150 Nm dynamic
- Colour: Black (RAL 9005), Silver grey (RAL 9006) or all parts white (RAL 9016)
- Low noise level
- Bench bracket for bench solutions

Options:
- PIEZO™: Integrated sensor minimising the risk for damages on a desk caused by squeezing or blocking it in upward or downward direction
- Compatible with the Kick & Click™ mounting solution
- Compatible with DESKLIFT™ Feet

Usage:
- Single or 2, 3 or 4 parallel drive or even multi-parallel with up to 16 columns
- Duty cycle: 10% ~ 2 minutes of continuous use at full load, followed by 18 minutes of pause
- Ambient temperature: +10° to +40° C
- Compatible with DESKLINE® control boxes and all DESKLINE® controls
- Approved in accordance with EN 60335-1 and UL 962
- Storage and transport temperature: -10° C to +70° C
## Technical specifications:

<table>
<thead>
<tr>
<th>Type/</th>
<th>Max thrust per DL [N]</th>
<th>Self-lock per DL [N]</th>
<th>Speed at 0 load [mm/s]</th>
<th>Duty cycle [%]</th>
<th>Spindle pitch [mm]</th>
<th>Stroke length [mm]</th>
<th>Built-in length [mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>DL19</td>
<td>800</td>
<td>800</td>
<td>38</td>
<td>10</td>
<td>20</td>
<td>650</td>
<td>560</td>
</tr>
<tr>
<td>DL19</td>
<td>1200</td>
<td>1200</td>
<td>23</td>
<td>10</td>
<td>12</td>
<td>650</td>
<td>560</td>
</tr>
</tbody>
</table>

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### Dimensions, standard DL19 without bracket

![Dimension Diagram](image-url)
Dimensions, standard DL19 with bench bracket

Left column
Dimensions, standard DL19 with bench bracket
Right column
Curves DL19 800 N (20 mm spindle) with CBD6S

2 x DL19 (equally loaded) with CBD6S

3 x DL19 (equally loaded) with CBD6S (300W)

4 x DL19 (equally loaded) with CBD6S (300W)
DL19 1200 N version (12 mm spindle pitch)

2 x DL19 1200 N (equally loaded) with CBD6S

![Graph](image1)

3 x DL19 1200 N (equally loaded) with CBD6S (300W)

![Graph](image2)

4 x DL19 1200 N (equally loaded) with CBD6S (300W)

![Graph](image3)
DL19

Ordering example:

<table>
<thead>
<tr>
<th>DL19</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>B</th>
<th>0</th>
<th>E</th>
<th>650</th>
<th>560</th>
</tr>
</thead>
</table>

- **Installation dimension:** 560 = 560 mm
- **Stroke length:** 650 = 650 mm
- **Motor type:**
  - 0 = Standard
  - E = Piezo & IBD
- **Option:**
  - 0 = Standard
- **Colour:**
  - A = Grey RAL 9006
  - B = Black RAL 9005
  - D = White RAL 9016
- **Option:**
  - 0 = Standard
- **Plug:**
  - 0 = 6-pole minifit plug
- **Spindle type:**
  - 0 = 20 mm pitch - 800 N
  - 1 = 12 mm pitch - 1200 N
- **Actuator type:** DL19

All cables for creating a fully connected DESKLINE system must be ordered separately. We offer a range of different versions and lengths. For more information as ordering number, colour and length of the cables - please contact your local LINAK.