

Desklift DL5

The DESKLIFT DL5 is a compact 2-part lifting column, which is a perfect choice for a wide range of different desk applications, especially in the office area. The DL5 has a compact motor housing, which is almost invisible in the tabletop construction. The column is very sturdy so a crossbar is not necessary. The DL5 has the same outer dimensions and mounting holes as the 3-part DL6 column, which make them compatible and they can be used in the same tabletop and table foot construction. The DL5 is available in several standard colours and lengths to fit into a wide range of desk designs.

The DL5 system is controlled by the DESKLINE[®] control box (CBD). No matter which box is preferred, they all ensure optimal parallel drive and a pleasant low noise level. The DL5 can be used as a single column or in a 2, 3 or 4 parallel system.



Features:

- Compact design where guide and actuator functions are an integrated unit
- Reinforced column and optimised motor housing design for extra strength and stability
- Plug mounted on the DL5 for connection to CBD4/ CBD6S with a separate DESKLINE[®] motor cable
- Max. thrust 800 N per column
- Max. speed: 38 mm/s unloaded
- Standard installation dimension 645 mm or 445 mm
- Standard stroke length 500 mm or 300 mm
- Dimensions column: 50 x 80 mm (outer profile) and 43,5 x 73,5 mm (inner profile)
- Dimension motor housing: 177 x 97 x 46 mm
- Bending moment: $M_y = \text{max. } 150 \text{ Nm dynamic}$
- Colour: All parts black (RAL 9005), all parts silver grey (RAL 9006) or all parts white (RAL 9016), gloss 30
- Hall sensor enabling parallel drive with CBD4/CBD6S
- Mounting bracket for a crossbar in a parallel system (40 x 120 mm)
- Low noise level

Option

- Compatible with the Kick & Click mounting solution

Usage

- Single or 2, 3 or 4 parallel drive or even multi-parallel with up to 16 columns
- Duty cycle: 10 % ~ 6 minutes per hour OR 2 minutes of continuous use at full load
- Ambient temperature: +10° to +40 °C
- Compatible with DESKLINE[®] control boxes CBD4/ CBD6S and all DESKLINE controls
- Approved according to EN 60335-1 and UL 962
- Storage and transport temperature: -10°C to +70°C

Technical specifications:

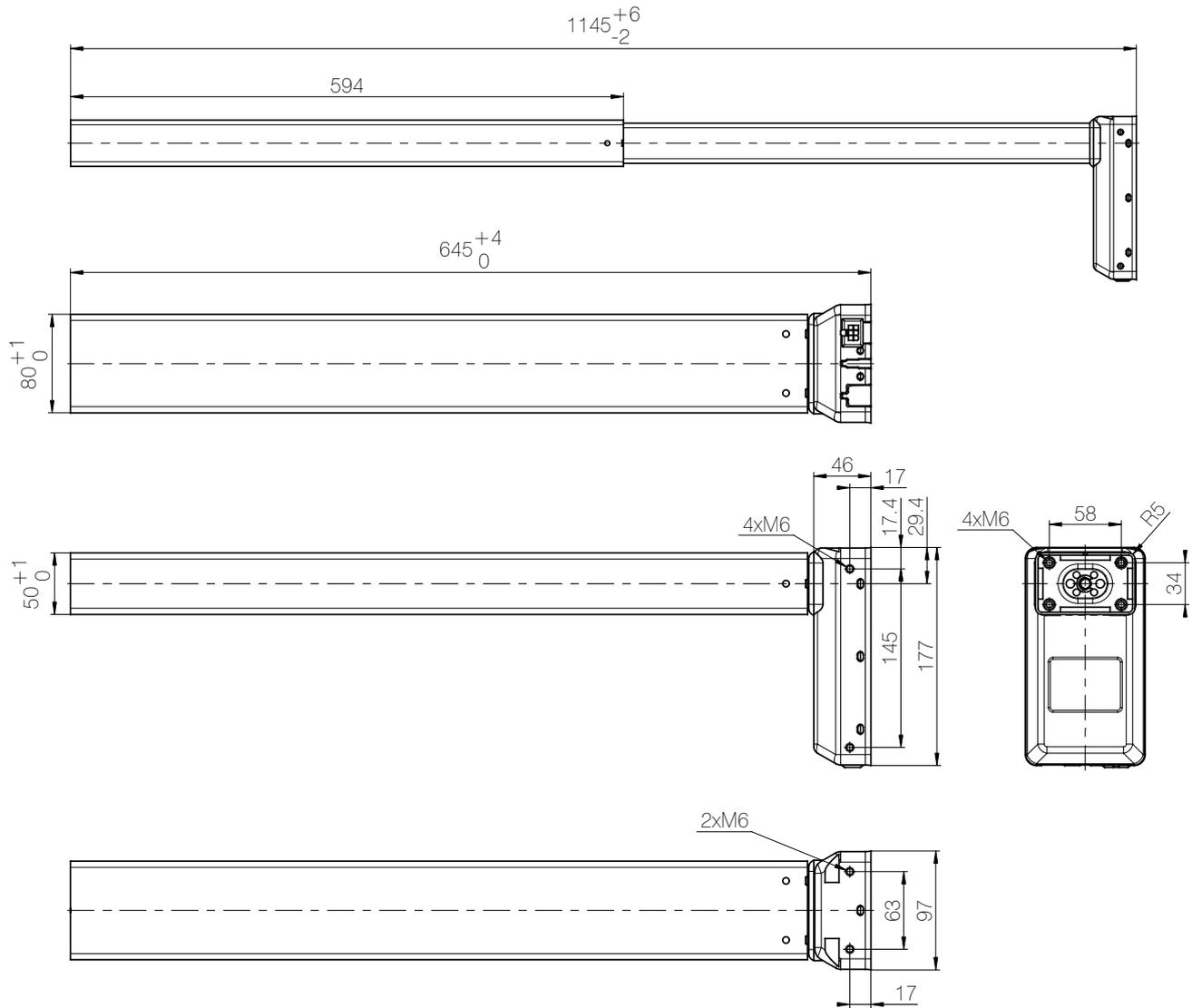
| Type | Max. Thrust pr. DL (N) | Self-lock pr. DL (N) | Speed at 0 load (mm/s) | Duty cycle (%) | Spindle pitch (mm) | Stroke length (mm) | Built-in length (mm) |
|------|------------------------|----------------------|------------------------|----------------|--------------------|--------------------|----------------------|
| DL5 | 800 | 800 | 38 | 10 | 20 | 500 / 300 | 645 / 445 |

The measurements above are made in connection with the control box CBD4/CBD6S.

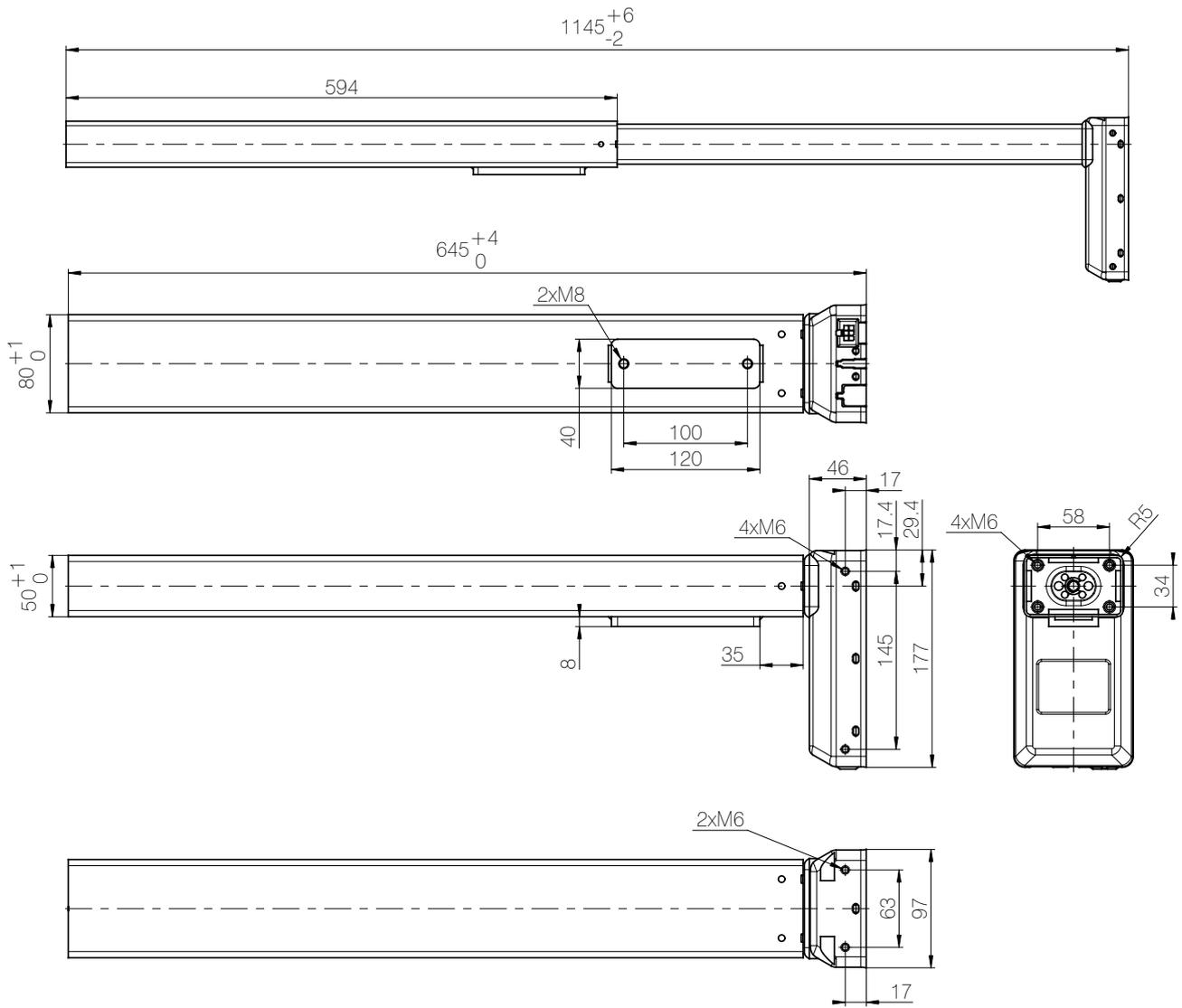
Dimensions:

At a fully retracted length of only 645 mm $+4/-0$ mm and a stroke length of 500 mm ± 2 mm it is possible for a standard system to obtain an adjustment interval of the table top of e.g. 680 – 1180 mm. Thus, the desk can be used for sitting as well as for standing type of work.

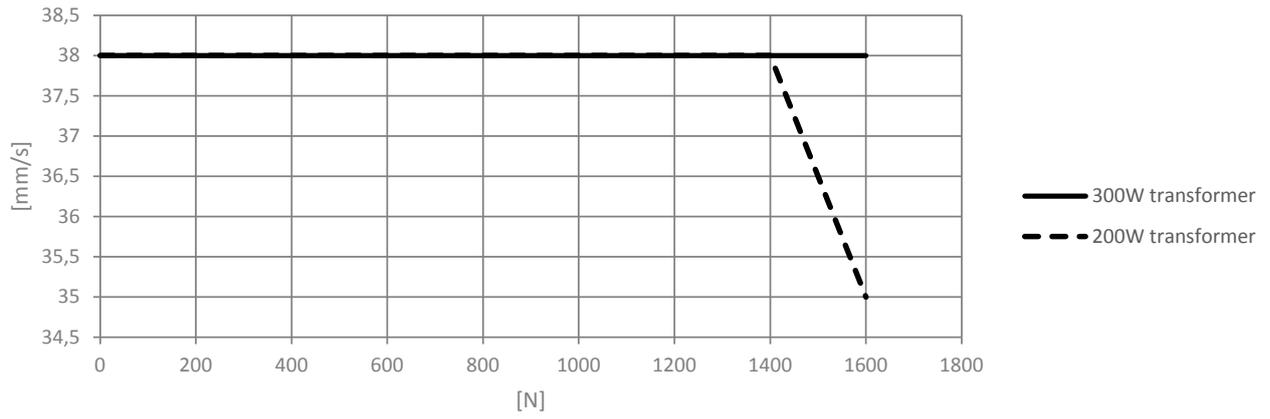
Dimensions, standard DL5 without bracket



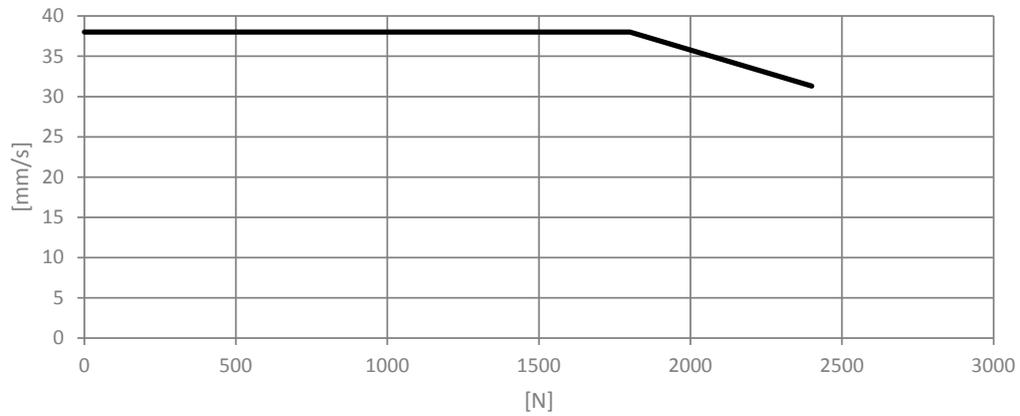
Dimensions, standard DL5 with bracket



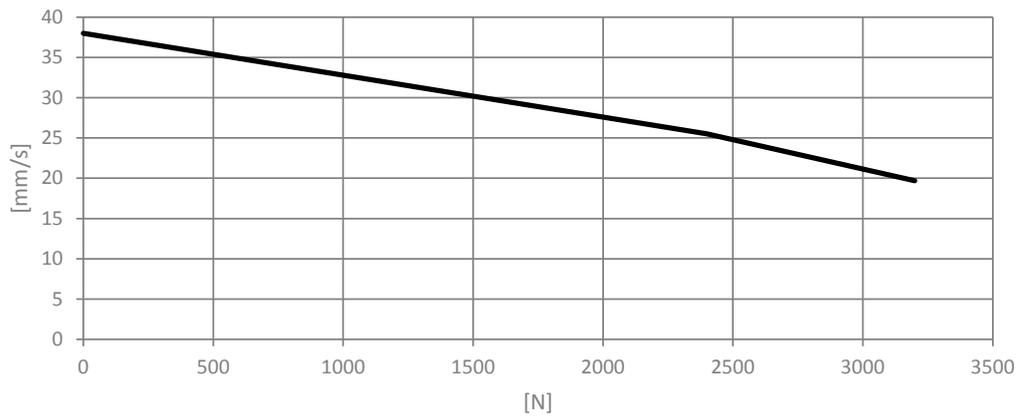
2 x DL5/8/10/15 (equally loaded) with CBD6S



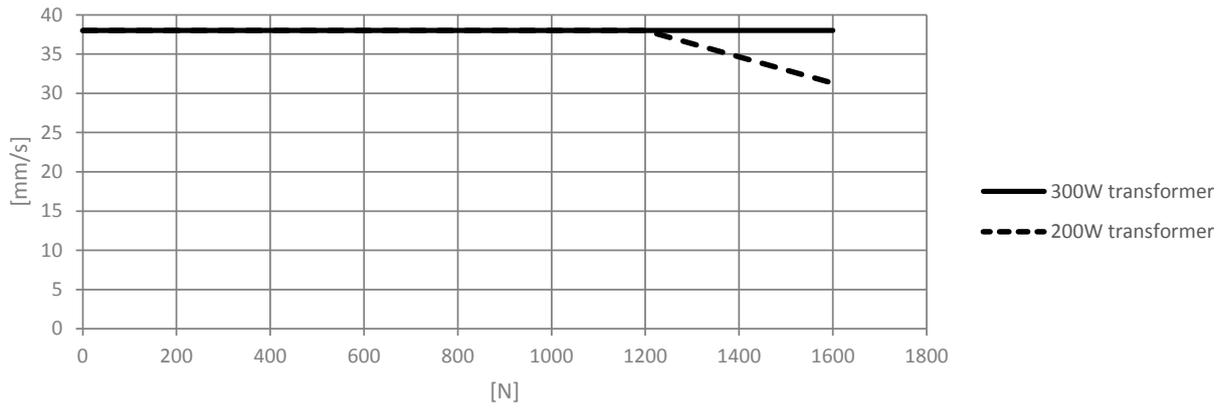
3 x DL5/8/10/15 (equally loaded) with CBD6S



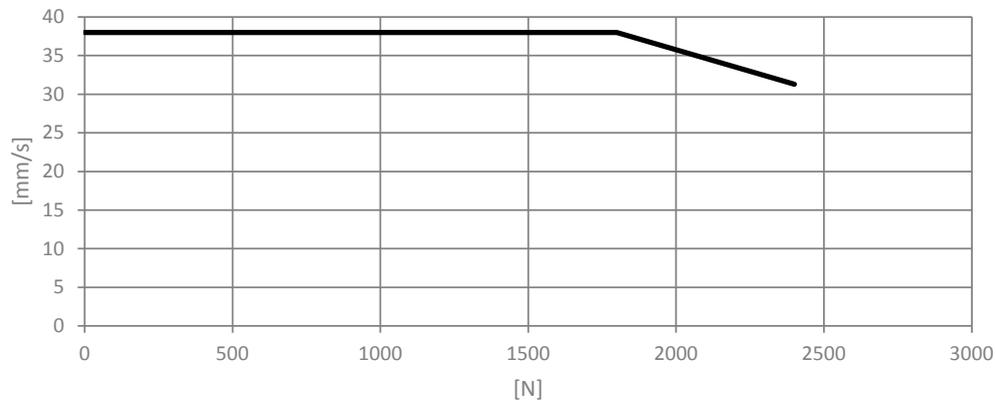
4 x DL5/8/10/15 (equally loaded) with CBD6S



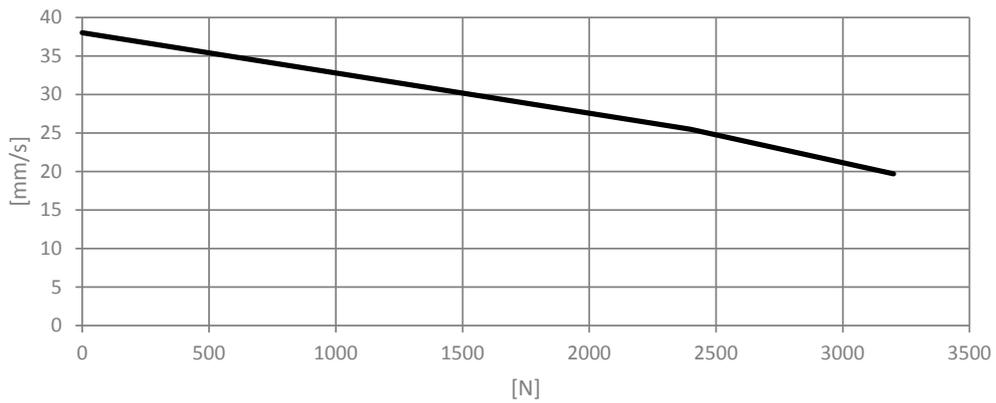
2 x DL5/8/10/15 (equally loaded) with CBD4



3 x DL5/8/10/15 (equally loaded) with CBD4



4 x DL5/8/10/15 (equally loaded) with CBD4



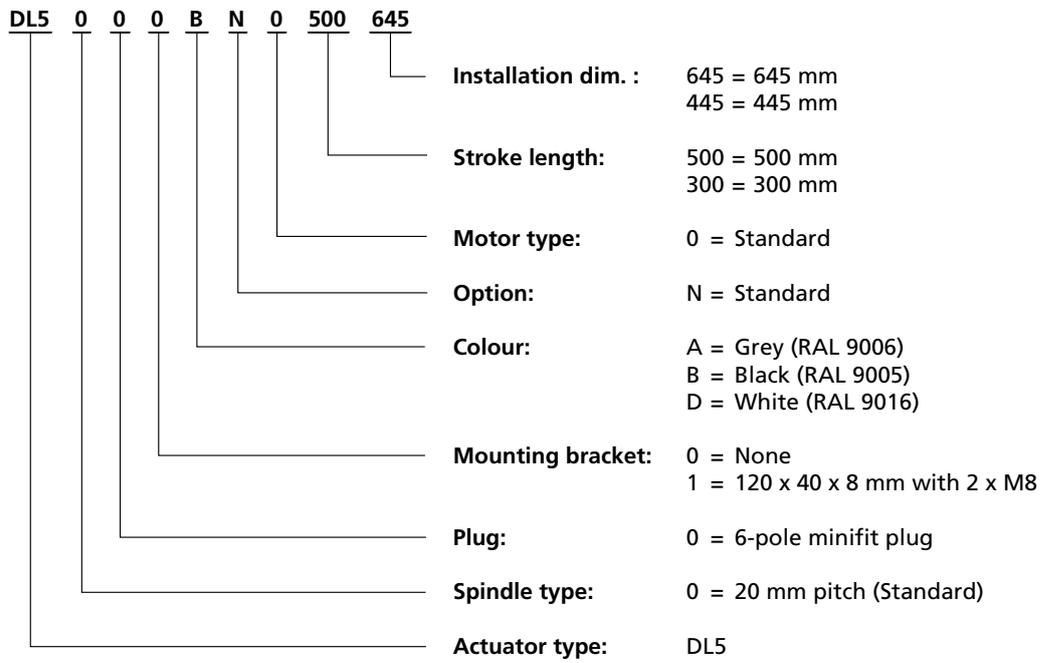
The above data are measured in connection with 2-4 DL5 lifting units and control box CBD4/CBD6S. The desk is driving upwards.



The above curves apply to a centrally placed load. At moment load there will be an increased friction in the columns, which will reduce the lifting force correspondingly.

DL5

Ordering example:



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

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