

DL10 EXPERIENCE™

Data Sheet





The DL10 EXPERIENCE™ column is part of a whole new generation of lifting columns, raising the bar for electrically height-adjustable desks with true LINAK innovation. On the outside the DL10 EXPERIENCE looks like a classic DL10 PLUS™ column. The real innovation has happened on the inside.

The EXPERIENCE columns are the first 2-part LINAK columns that feature fast 80 mm/s speed. Furthermore, the DL10 EXPERIENCE feature 800 N load per column, and a self-lock of 1200 N as standard. These three features could previously not coexist in one system. Together with a well-rounded pleasant sound, these features make DL10 EXPERIENCE push the boundaries of what is standard and raise the bar for performance.

Additionally, the Ø70 mm round 2-part column is both PVC and PFAS-free addressing the increasing focus on materials and, on top of that, it uses 30% less power while driving than its predecessor, despite the increase in performance. Our standard Control Box CBD6S features ZERO™ ensuring that the system uses less than 0.1 W in standby. Compatibility with DESKLINE® desk panels and all accessories ensures that the integration of DL10 EXPERIENCE is just Plug & Play™. Simply put, EXPERIENCE is engineered to perform and built to last without any sacrifices or compromises making it a perfect choice for office desks and similar desk applications.

Features/Options/Compatibility/Usage

Features

- Two-part motor-housing column
- PLUS™: Invisible gliding pads and a smooth outer profile with no punch marks
- In combination with CBD6S:

Parameter	With CBD6S
Max. speed (unloaded)	80 mm/s
Max. load (per column)	800 N
Self-lock (per column)	1200 N

- Installation dimension: 645 mm
- Stroke length: 500 mm
- Weight: Approximately 6.5 kg per column
- Dimensions column: ø70 mm (see also [Dimension drawings](#))
- Dimensions motor housing: 177 x 97 x 46 mm
- Four M6 and two M8 threaded holes in bottom plate for mounting of feet
- Colour: Available in black (RAL 9005), grey (RAL 9006) or white (RAL 9016)
- Low sound level
- The profile is secured against rotation/twisting to a max. twisting moment of 200 Nm

Options

- Trim ring in black, grey or white
- Custom colours

Compatibility

- DESKLINE® control boxes with SW03002024 (ver. 1.06 or newer) or SW03002026 (ver 1.15 or newer)
- DESKLINE® controls
- Kick & Click™ top frame
- Desk Frame 5 top frame
- DESKLIFT™ Feet

Usage

- Single or 2, 3, or 4 parallel drive
- Duty cycle:
Load $\leq$ 600 N: 10% $\approx$ max. 60 seconds continuous use, followed by 540 seconds pause
Load $>$ 600 N: 5% $\approx$ max. 30 seconds continuous use, followed by 570 seconds pause
- For indoor use in dry locations

Parameter	Operation	Storage and transportation
Temperature	10 to 40 °C	-10 to +50 °C
Relative humidity	20% to 80% - non-condensing	20% to 80% - non-condensing
Atmospheric pressure	800 to 1060 hPa	700 to 1060 hPa
Altitude	Max. 2000 m	N/A



Duty cycle:

If you plan to perform lifetime tests on EXPERIENCE columns, please contact LINAK for guidelines.



For system compliance, please refer to the Declaration of Conformity in the [User Manual](#) and the Sales Backup chapter for [CBD6S](#)

Ordering

DL10		
MOTOR TYPE	F	F = EXPERIENCE Motor
SPINDLE PITCH	30	30 = 30 mm pitch
OPTION	0	0 = Standard
OPTION	0	0 = Standard
COLOUR	B001	A120 = Grey (RAL 9006) B001 = Black (RAL 9005) D022 = White (RAL 9016)
TRIM RING	0	0 = None A = Grey B = Black D = White
OPTION	0	0 = Standard
DESIGN	P	P = PLUS serie
OPTION	0	0 = Standard
OPTION	0	0 = Standard
OPTION	0	0 = Standard
OPTION	0	0 = Standard
OPTION	0	0 = Standard
OPTION	0	0 = Standard
STROKE LENGTH	0500	0500 = 500 mm
INSTALLATION DIM.	645	645 = 645 mm
DL10F3000B00100P0000000500645		



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 such as ordering number, and colour and length of the cables, please contact your local LINAK.

Technical data

Performance curves

The following data is measured in connection with 2 or 3 lifting columns and control box CBD6S. The desk is driving upwards.



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

DL10 EXPERIENCE 800 N (30 mm spindle)

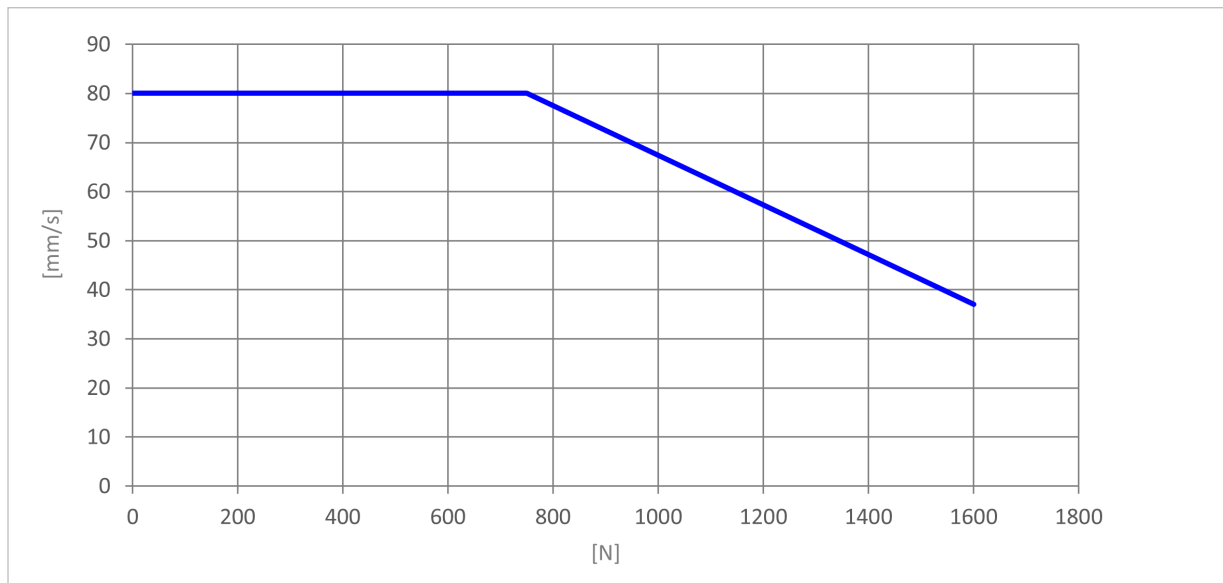


Figure 1 Two columns (equally loaded) - typical speed with CBD6S (230 V) 200 W

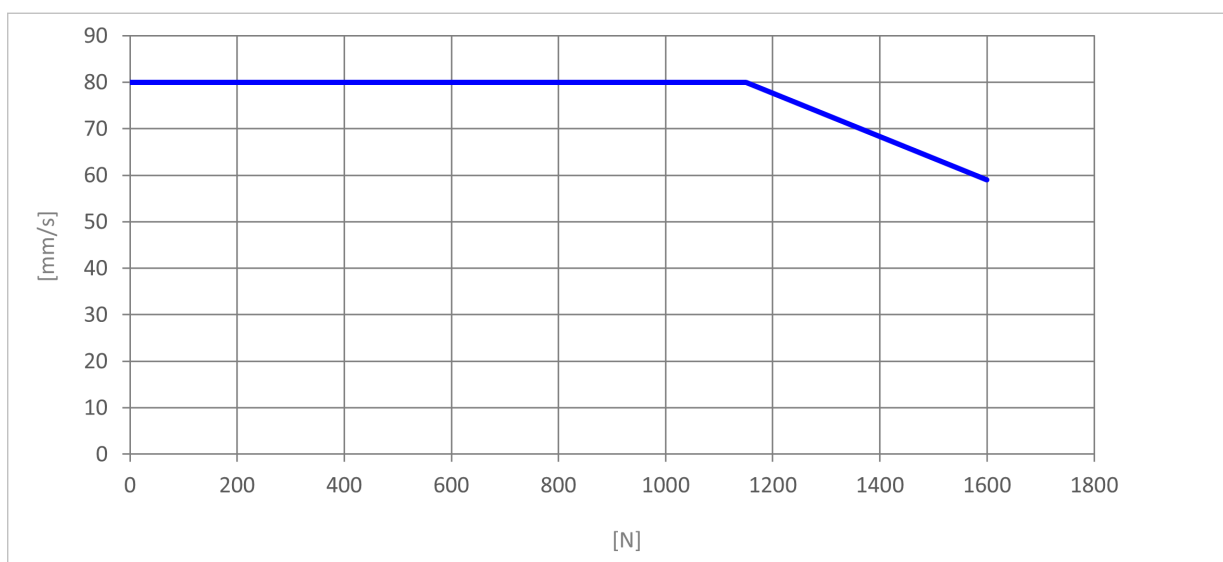


Figure 2 Two columns (equally loaded) - typical speed with CBD6S (230 V) 300 W

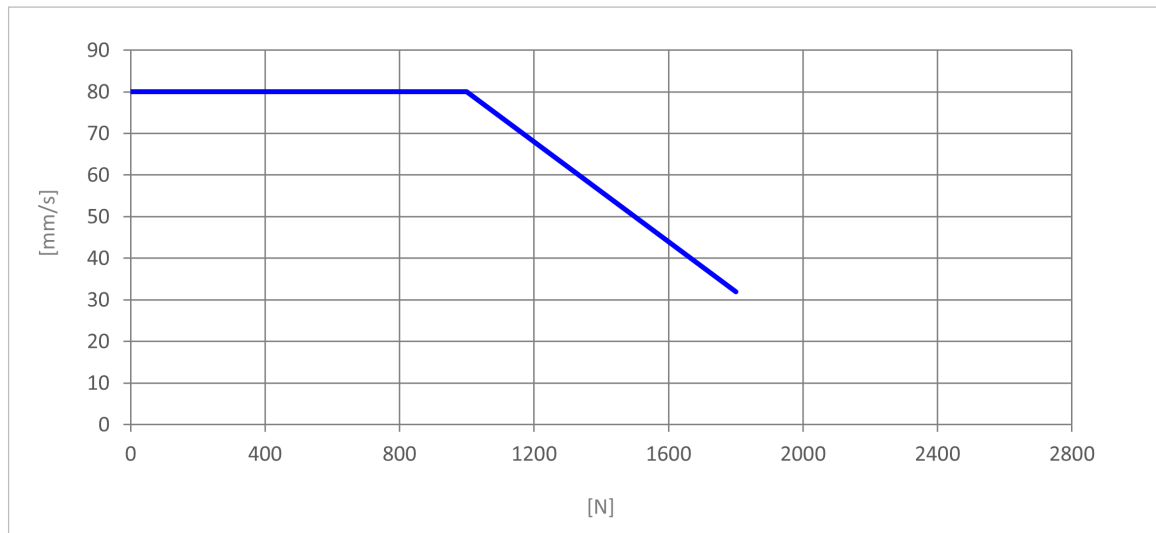


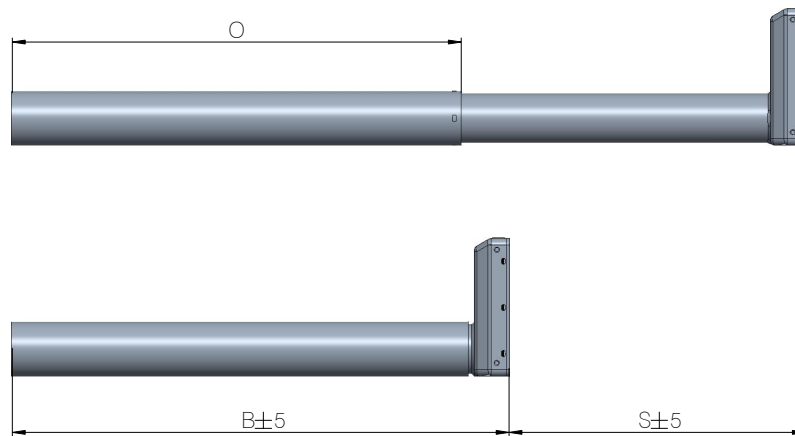
Figure 3 Three columns (equally loaded) - typical speed with CBD6S (230 V) 300 W

Dimension drawings



All dimensions are in mm.

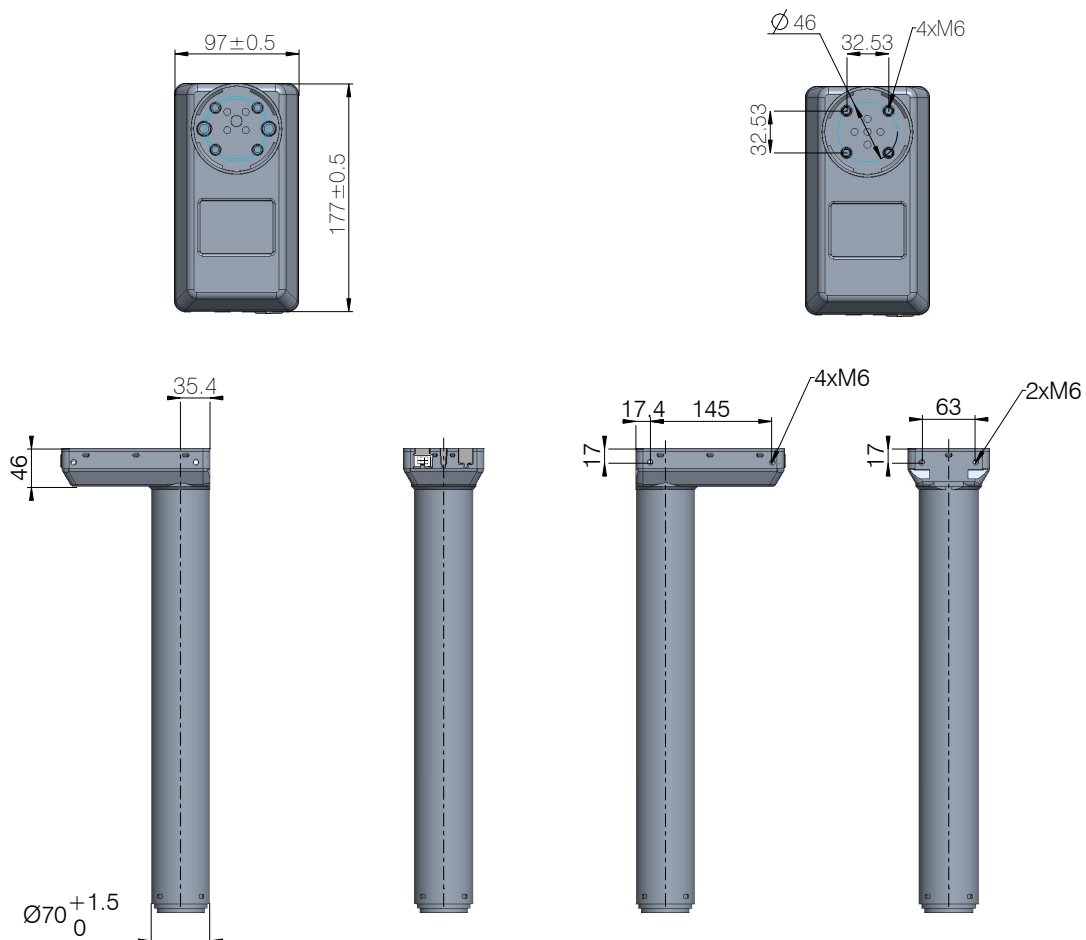
Columns



Drawing no. 1040W7901

Version	Combination code	S (Stroke length)	B (Built-in length)	O (Outer profile length)
Standard	DL10FXXXXXXXXXXXXXXXXXX0500645	500	645	590

Figure 4 Built-in length, stroke length, and outer profile length



Drawing no. 1040W7901

Figure 5 Motor housing, bottom plate, and profile



Standard

Drawing no. 1040W7901

Combination code	Type
DL10Fxxxxxxxxxxxxxxxxxxxxxxx	Standard

Figure 6 Socket combination



Without trim ring



With trim ring

Drawing no. 1040W7901

Figure 7 Designs

Contacts

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