

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 6.1 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

- Custom colours
- Available as DESKLIFT™ EXPERIENCE SetPack

Compatibility

- DESKLINE® control boxes
- DESKLINE® controls
- Kick & Click™ top frame
- Desk Frame 5 top frame
- DESKLIFT™ Feet

EXPERIENCE columns are compatible with DESKLINE® control boxes with SW03002024 (ver. 1.06 or later) or SW03002026 (ver 1.15 or later).

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 LINAK systems, 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

Bulk

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)
OPTION	0	0 = Standard
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.

SetPack

The EXPERIENCE™ columns are available as set-packed solutions comprising 2 columns, a control box, mains and motor cables, and a control. For combination options, please refer to the overview below.

As the set-packed EXPERIENCE columns cannot be ordered via eCon, please issue a system specification.

	DLS	
DESK TYPE	6	6 = 2 PLUS legs
COLUMN TYPE	DL10	DL10 = DL10
PITCH	2	2 = EXPERIENCE - 30 mm pitch
MOTOR TYPE	F	F = EXPERIENCE G = EXPERIENCE + DS1
COLOUR	B	A = Grey (RAL 9006) D = White (RAL 9016) B = Black (RAL 9005)
OPTION	0	0 = Standard
STROKE LENGTH	500	500 = 500 mm
INSTALLATION DIM.	645	645 = 645 mm
CONTROL BOX	A	A = CBD6S, 200 W, EU 0 = None B = CBD6S, 200 W, US
MAINS CABLE	AA	AA = EU, 2.0 m * AC = US, 3.2 m AE = EU, 3.2 m AH = KOR, 3.2 m AJ = JP, 3.2 m AB = UK, 3.2 m AD = CH, 3.2 m AG = US, 3.2 m * AI = EU, 3.2 m *
OPTION	0	0 = Standard
MOTOR CABLE	A	A = 1000 mm C = 2000 mm E = 0500 mm B = 1550 mm D = 2500 mm F = 0800 mm
DESK PANEL	AA	A0 = No desk panel AB = DPB AD = DPG1K AF = DPG1M, Limited version AH = DPG1B, Limited version AJ = DPG1C, Full version, cm AL = DPG1C, Limited version, inch AN = DPF1M AP = DPF1D, inch AR = DPF1C, inch AT = DPF1C with sensor, inch AV = DPF1D with sensor, inch AY = DPI1C, cm AA = DPA AC = DPF1K with sensor AE = DPG1M, Full version AG = DPG1B, Full version AI = DPG1C, Full version, inch AK = DPF1K AM = DPG1C, Limited version, cm AO = DPF1D, cm AQ = DPF1C, cm AS = DPF1C with sensor, cm AU = DPF1D with sensor, cm AX = DPI1C, inch AZ = DPI1K
DPF BRACKET	0	0 = No bracket B = 90°
MOUNTING KIT	0	0 = No mounting kit 1 = Mounting kit (screws for all DPs)
OPTION	0	0 = Standard

DLS6DL102FB0500645AAA0AAA000

* PVC free cables

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.

EXPERIENCE columns (800 N; 30 mm spindle)

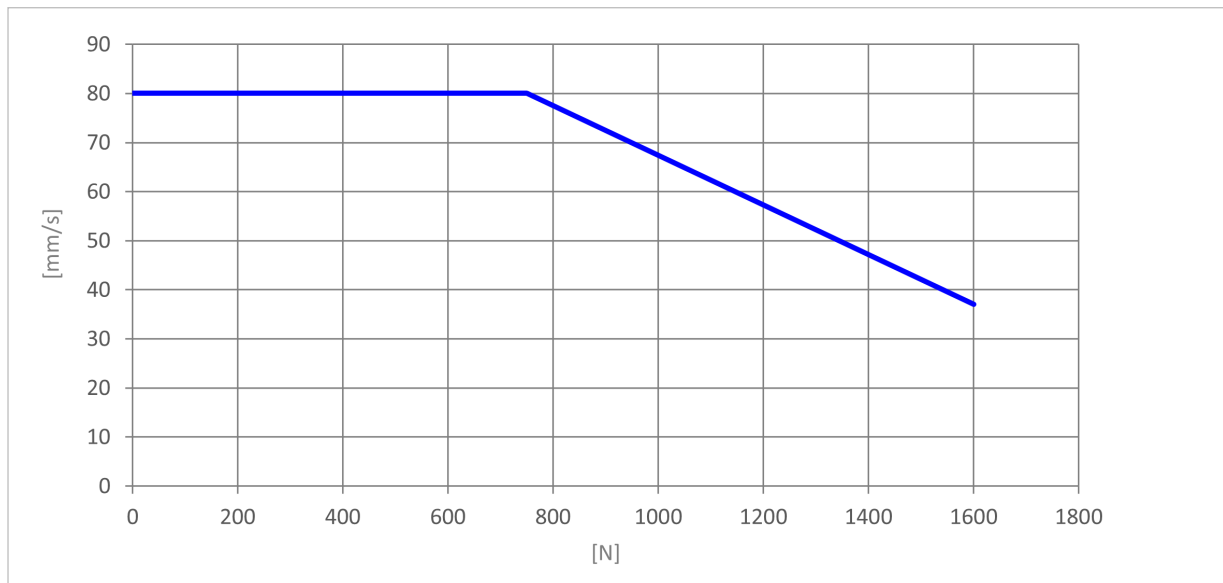


Figure 1 Two columns (equally loaded) - typical speed with CBD6S (230 V) 200 W

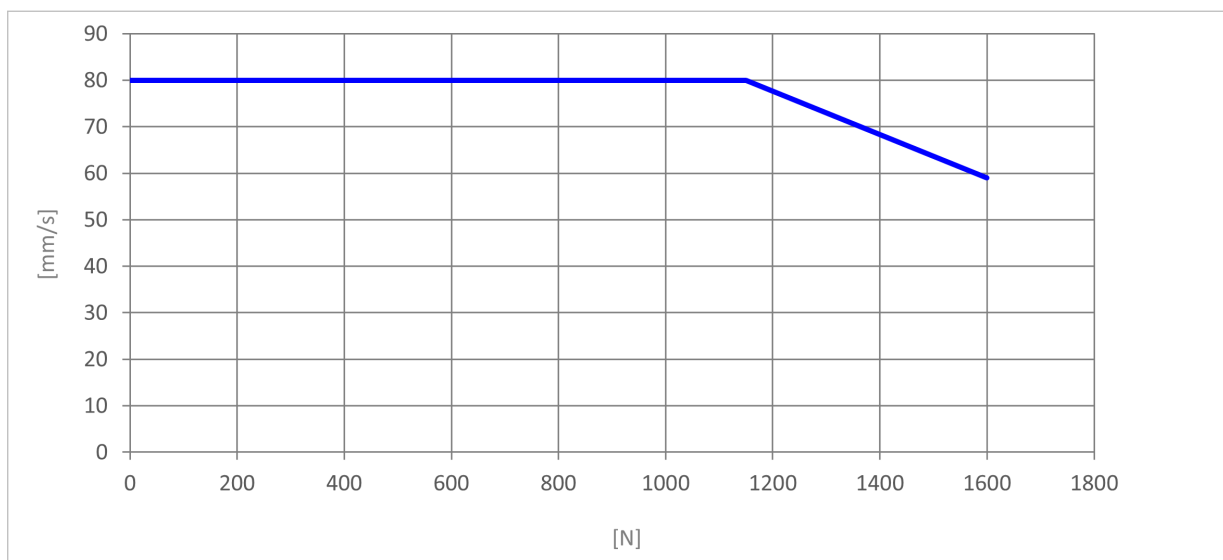


Figure 2 Two columns (equally loaded) - typical speed with CBD6S (230 V) 300 W

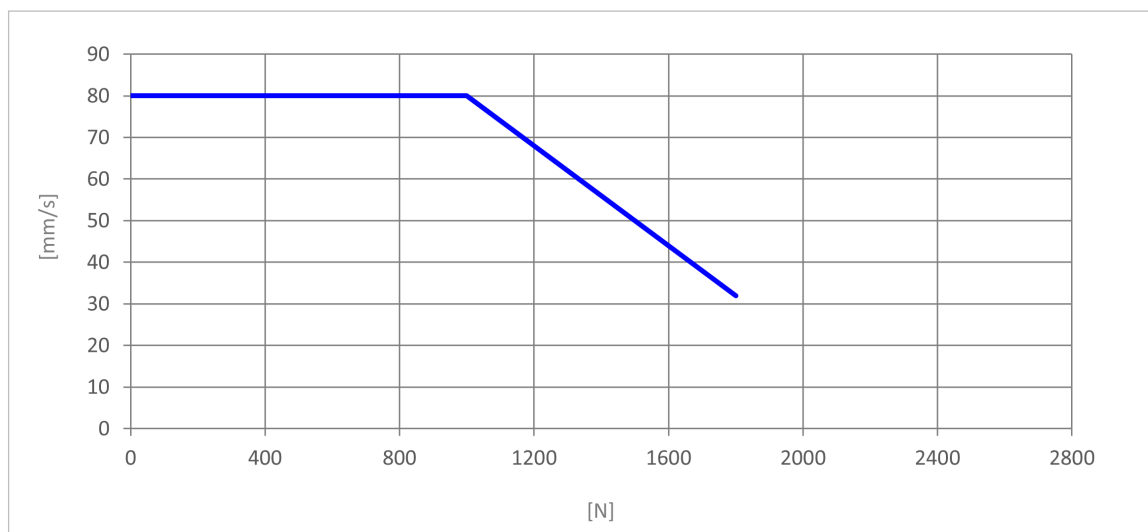


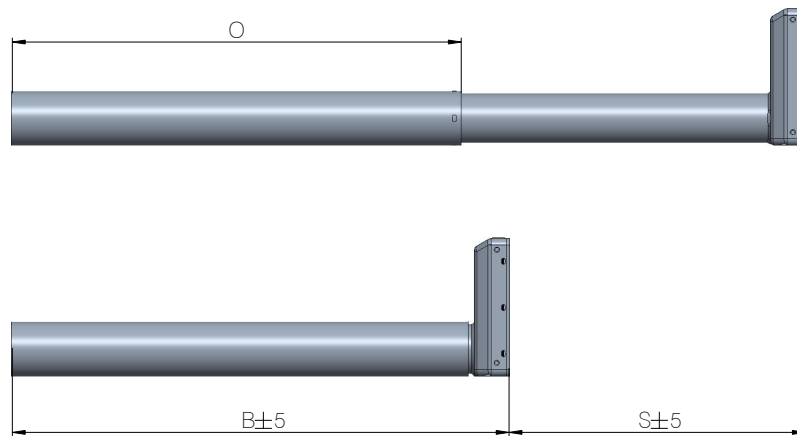
Figure 3 Three columns (equally loaded) - typical speed with CBD6S (230 V) 300 W

Dimension drawings



All dimensions are in mm.

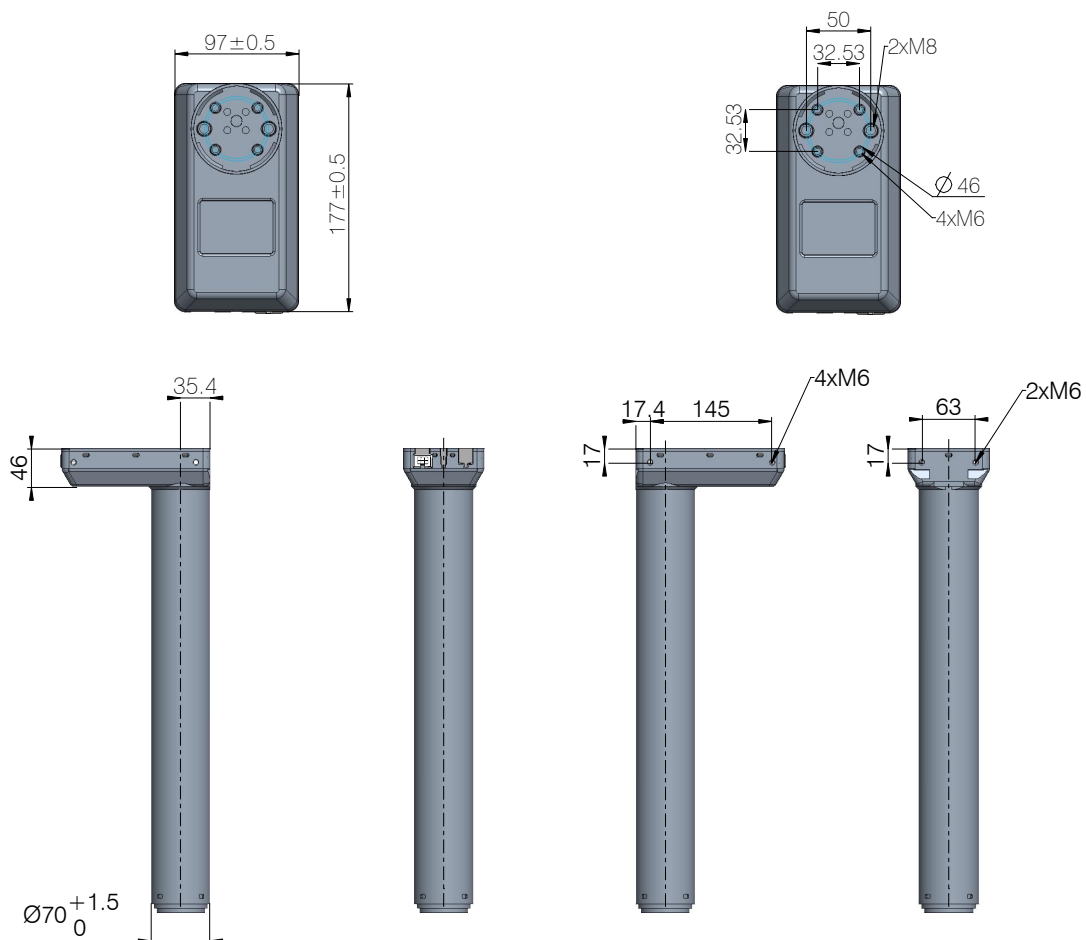
Columns



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
DL10Fxxxxxxxxxxxxxxxxxxxxxx	Standard

Figure 6 Socket combination



Figure 7 Design

Drawing no. 1040W7901

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