

DESKLIFT™ DL17

Data Sheet





The DL17 column sets the standards for inline columns. The compact square-shaped column was developed to fulfil the market requirements for a low built-in dimension and at the same time a long stroke length. From a design perspective, the DL17 lifts a contemporary desk design with its very small steps between the profiles and invisible gliding pads. Optionally, the DL17 can be equipped with trim rings optimising the design further. The column was designed for desks without crossbar ensuring more leg space and more design options. As standard, the DL17 features PIEZO™, an integrated sensor minimising the risk of damage to a desk caused by squeezing or blocking of obstacles in up or down direction. The DL17 is developed without PVC, which is an environmental advantage. The column comes standard in black, grey, or white, or simply in a customised colour (optional). The DL17 is compatible with DESKLINE® control boxes and controls - simply Plug & Play™.

Features/Option/Usage

Features

- Three-part inline column
- Square profiles, outer profile 70 x 70 mm
- In combination with CBD6S:

Parameter	With CBD6S (300 W or 200 W)
Max. speed (unloaded)	38 mm/s
Max. load (per column)	700 N
Self-lock (per column)	700 N

- Standard installation dimension: 518 mm or 545 mm
- Standard stroke length: 660 mm
- Weight: approx. 8.0 kg per column
- Dimensions column: 70 x 70 mm (outer profile), 63.6 x 63.6 mm (middle profile), and 57.2 x 57.2 mm (inner profile). See also [Dimension drawings](#).
- Bending moment: $M_y = \max 150 \text{ Nm}$ dynamic
- Colour: Available in black (RAL 9005), grey (RAL 9006), or white (RAL 9016)
- Invisible gliding pads for optimised design
- Minimum spacing between the profiles for optimised design
- PIEZO™: Integrated sensor minimising the risk of damage to the desk by avoiding collision
- PVC-Free™ column for a more environmentally friendly product
- Pleasantly low noise level
- Synchronous drive of the middle profile
- Separate motor cable

Options:

- Customised colours
- Bench bracket for bench solutions
- Bracket for crossbar (customised version)
- Available with trim rings in black, grey or white

Usage:

- Single or 2, 3, 4 parallel drive
- Duty cycle: 10% ~ 1 minute continuous use at full load, followed by 9 minutes pause
- Ambient temperature: 10 to 40 °C
- Storage and transport temperature: -10 to +70 °C
- Compatible with DESKLINE control boxes and DESKLINE® controls
- Compatible with DESKLIFT™ Feet
- Complies with EN 60335-1
- Complies with UL962 with CBD6S

Ordering

	DL17			
SPINDLE TYPE	0	0 = 20 mm pitch (Standard)		
TRIM RINGS	0	0 = No trim rings B = Black (RAL 9005)	A = Grey (RAL 9006) D = White (RAL 9016)	
BRACKET	0	0 = No bracket	L = Bench bracket on left side	R = Bench bracket on right side
COLOUR	B	A = Grey (RAL 9006)	B = Black (RAL 9005)	D = White (RAL 9016)
OPTION	0	0 = Standard		
MOTOR TYPE	0	E = PIEZO + IID		
STROKE LENGTH	660	660 = 660 mm		
INSTALLATION DIM.	545	545 = 545 mm	518 = 518 mm	

Selected item type: DL17000B00660545



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

Performance curves

The following data is measured in connection with 2 to 4 lifting columns and control box CBD6S. The desk is driving upwards.



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

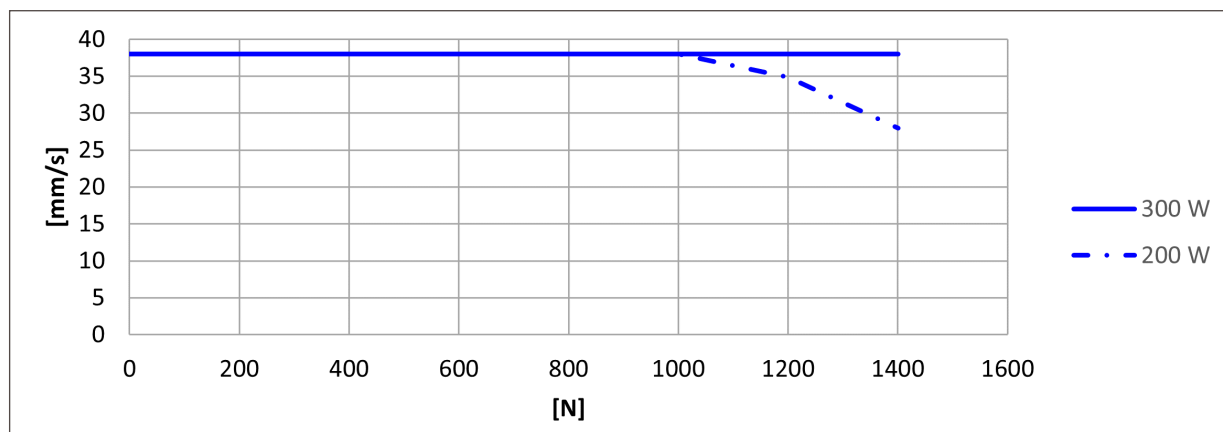


Figure 1 Two columns (equally loaded) with CBD6S

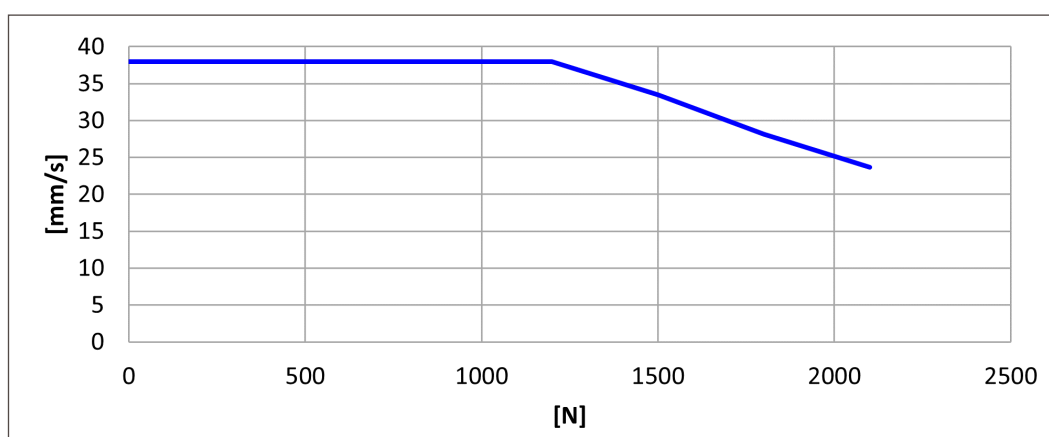


Figure 2 Three columns (equally loaded) with CBD6S (300 W)

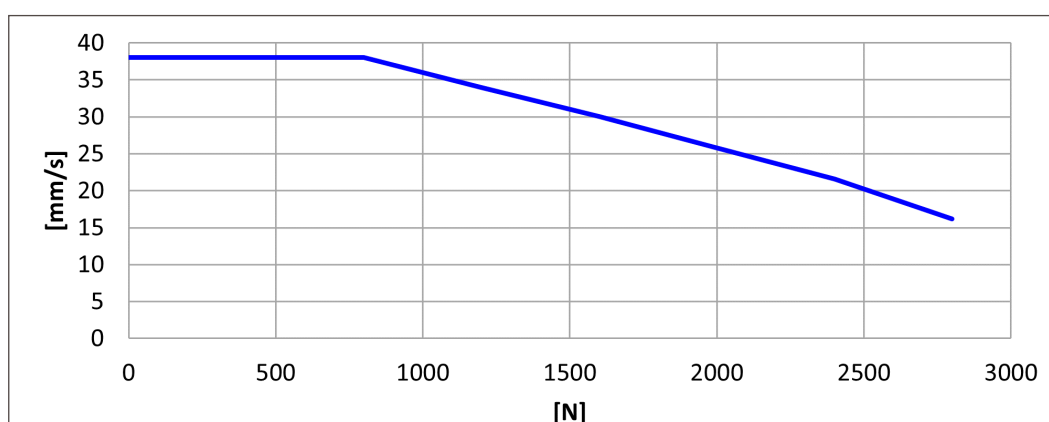


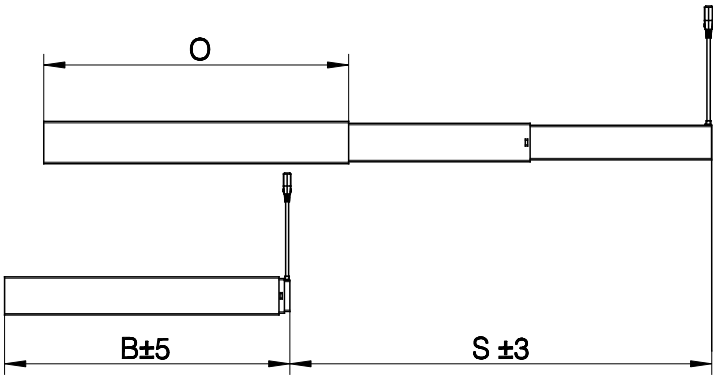
Figure 3 Four columns (equally loaded) with CBD6S (300 W)



Be aware that the DESKLINE® DL17 system may only be used in push applications.

Dimension drawings

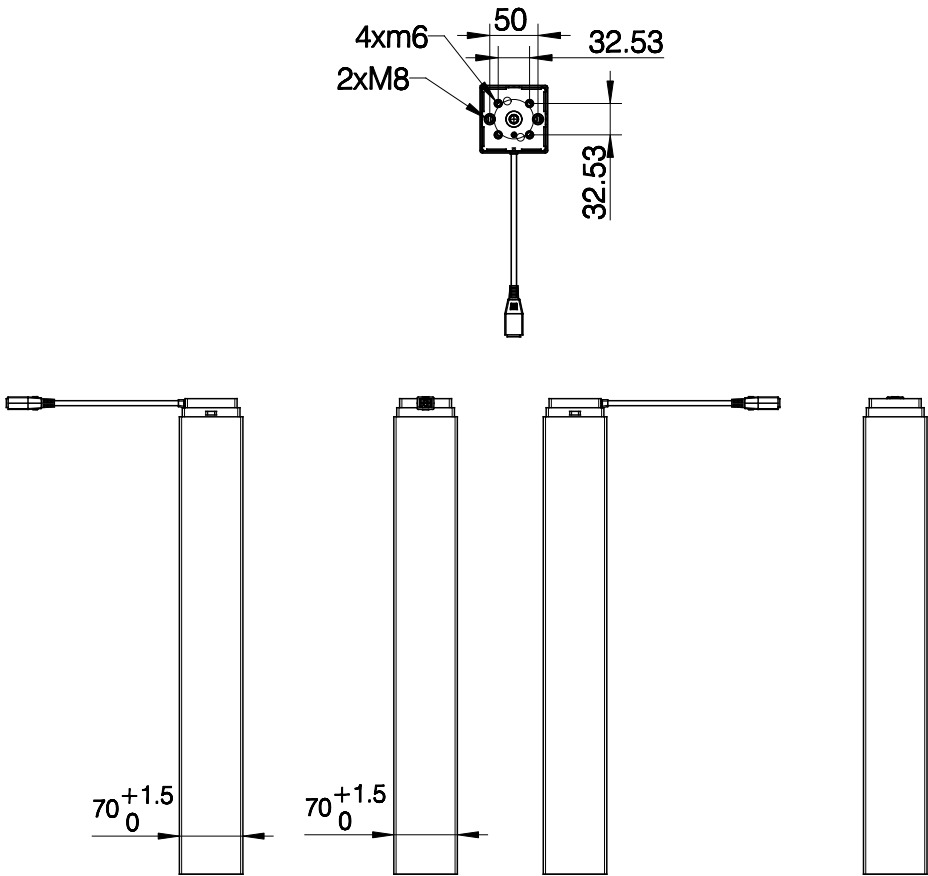
Columns



Drawing No. 0639925

Version	Combination code	B (Built-in length) [mm]	S (Stroke length) [mm]	O (Outer profile length) [mm]
EU	DL17xxxxxx660545	545	660	531
BIFMA	DL17xxxxxx660518	518	660	504

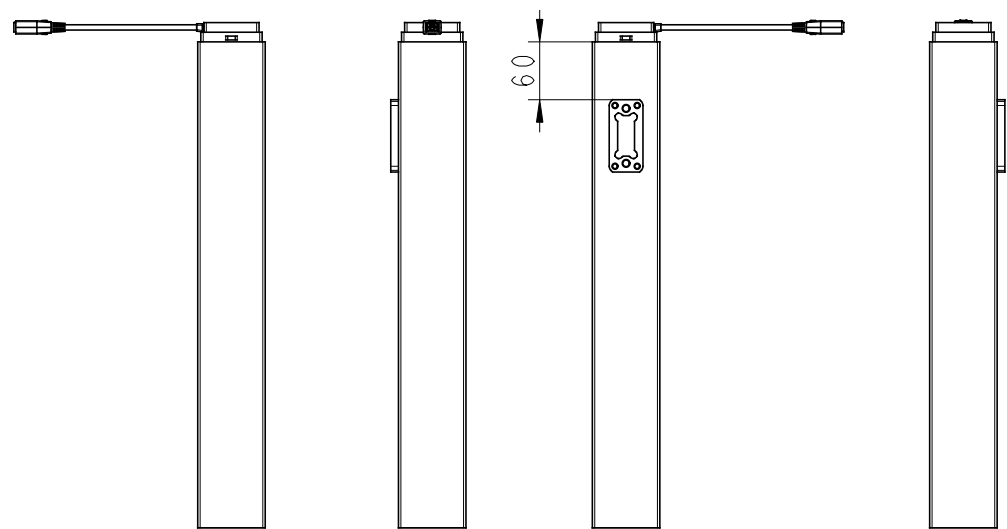
 Minimum retracted length during initialisation with max. load is 513 mm.



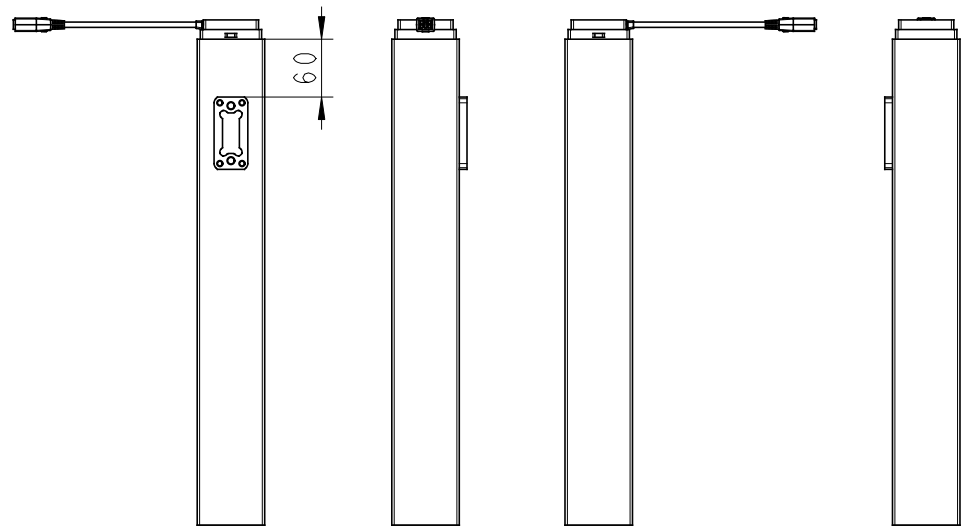
Drawing No. 0639925

Figure 4 Motor-housing and profile dimensions (mm)

Bench left



Bench right

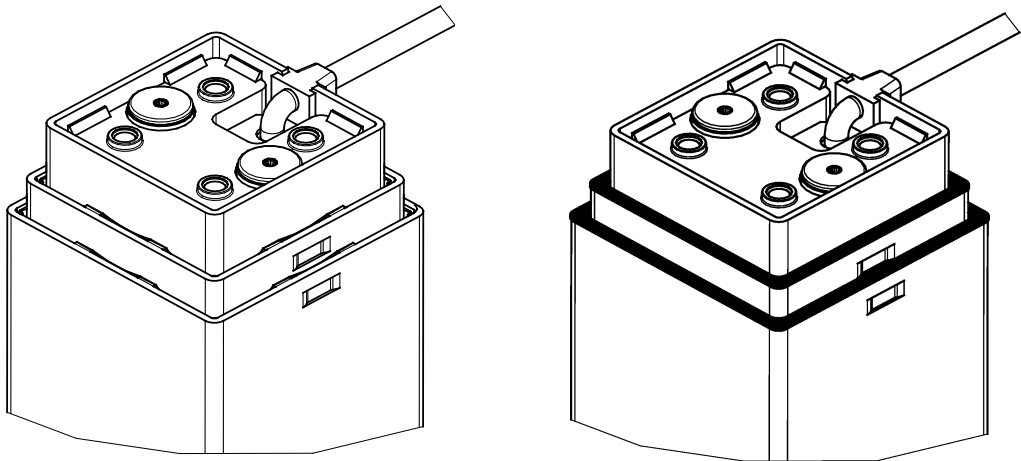


Drawing No. 0639925

Combination code	Bench left	Bench right
DL17xxLxxxxxxxxxx	X	
DL17xxRxxxxxxxxxx		X

Figure 5 Bracket options (dimensions in mm)

Trim rings



Without trim rings

With trim ring

Figure 6 Trim ring options

Bench bracket

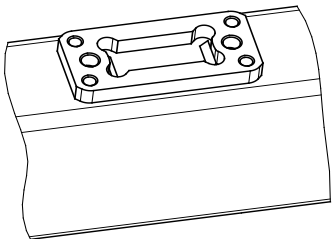


Figure 7 Bench bracket

Drawing No. 1041W7906

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