



DL8  
Data sheet

# DL8

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The DL8 is a 2-part DESKLINE® column with round profiles. The upside down construction gives a very compact and clean design, which also arises from the fact that the system is without crossbar. The DL8 is a cost-effective alternative to the DL9, which makes it possible to keep the same visual design and to use the same mounting. The DL8 is compatible with the DESKLINE control box (CBD). No matter which box is preferred, they all ensure optimal parallel drive and a pleasant low noise level and a wide range of options. The DL8 would be an optimum choice for a wide range of office desks.



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## 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 DL8 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
- Standard stroke length 500 mm
- Dimensions column: Ø63.5 mm (outer profile), and Ø57 mm (inner profile)
- Dimension motor housing: 177 x 97 x 46 mm (as DL9 strengthened by a triangle)
- Bending moment:  $M_y = \text{max. } 150 \text{ Nm dynamic}$
- Colour: all parts black (RAL 9005), all parts grey (RAL 9006) or all parts white (RAL 9016)
- Hall sensor enabling parallel drive with CBD4/CBD6S
- Low noise level
- The DL8 profile is secured against rotation/twisting

## Option:

- Customised colours
- 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: -20°C to +70°C

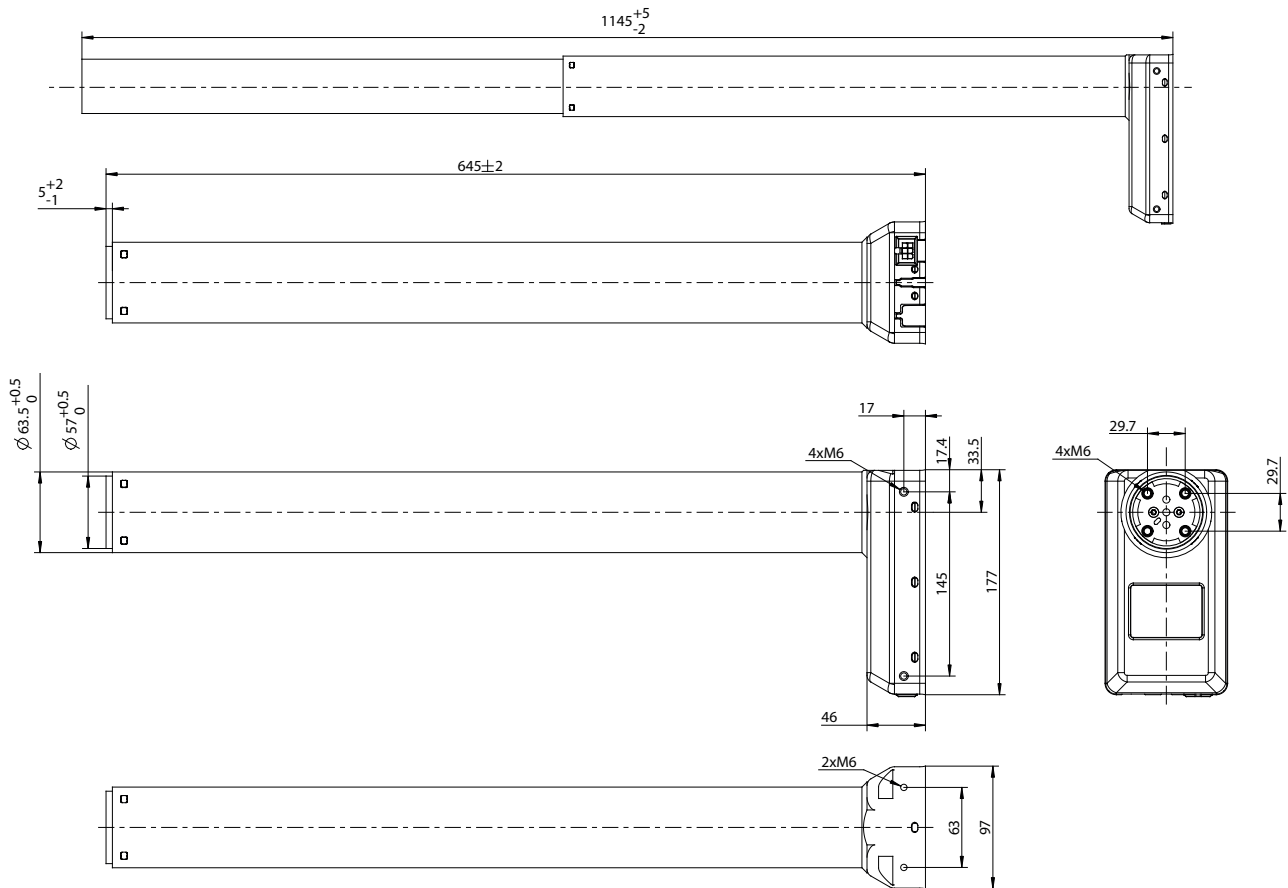
Technical specifications :

Type	Max. Thrust pr. DL (N)	Self-lock pr. DL (N)	Max. Twisting moment* (Nm)	Speed at 0 load (mm/s)	Duty cycle (%)	Spindle pitch (mm)	Stroke length (mm)	Built-in length (mm)
DL8	800	800	200	38	10	20	500	645

\* The twisting / rotation moment indicates the maximum moment that the column can adapt in the rotation direction.  
The measurements above are made in connection with the control box CBD4/CBD6S.

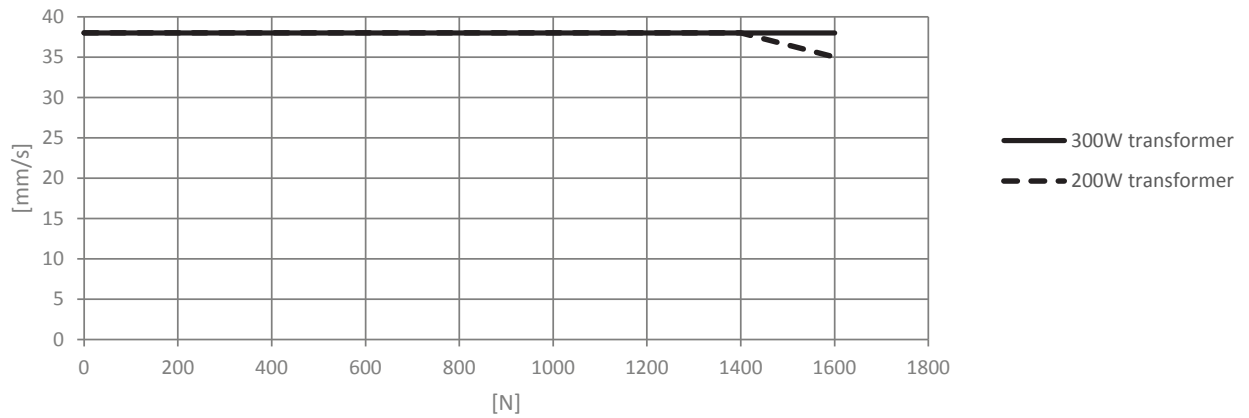
At a fully retracted length of 645 mm  $\pm 2$  mm and a stroke length of 500 mm  $\pm 3$  mm, it is possible for a standard system to obtain an adjustment interval of the tabletop of e.g. 680 – 1180 mm. Thus, the desk can be used for sitting as well as standing type of work.

Dimensions: standard DL8

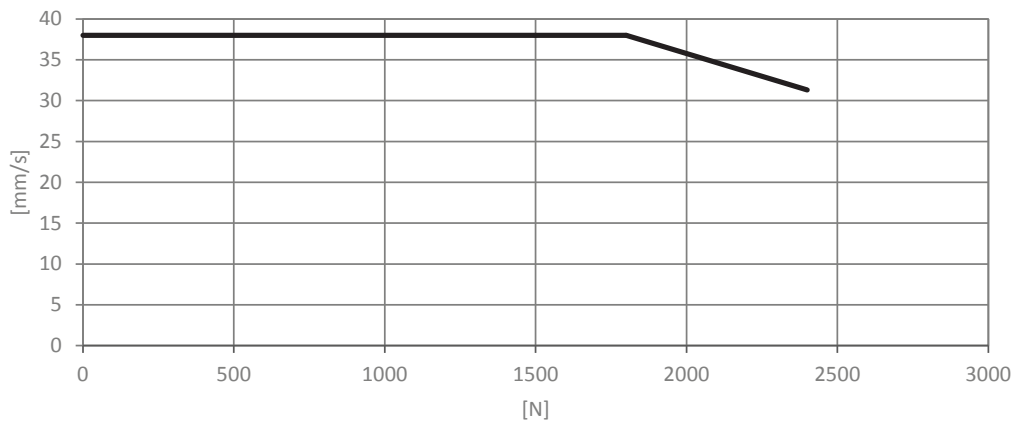


Curves DL8 800N (20 mm spindle) with CBD6S

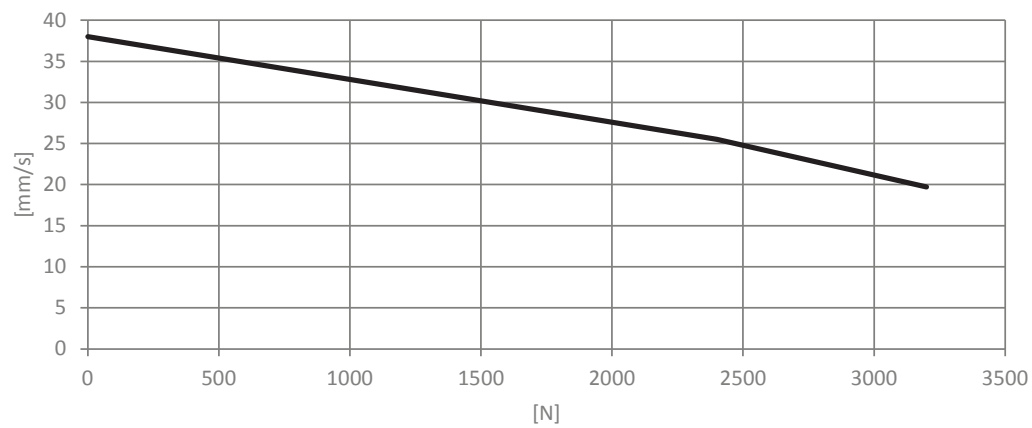
2 x DL5/8/10/15 (equally loaded) with CBD6S



3 x DL5/8/10/15 (equally loaded) with CBD6S (300W)

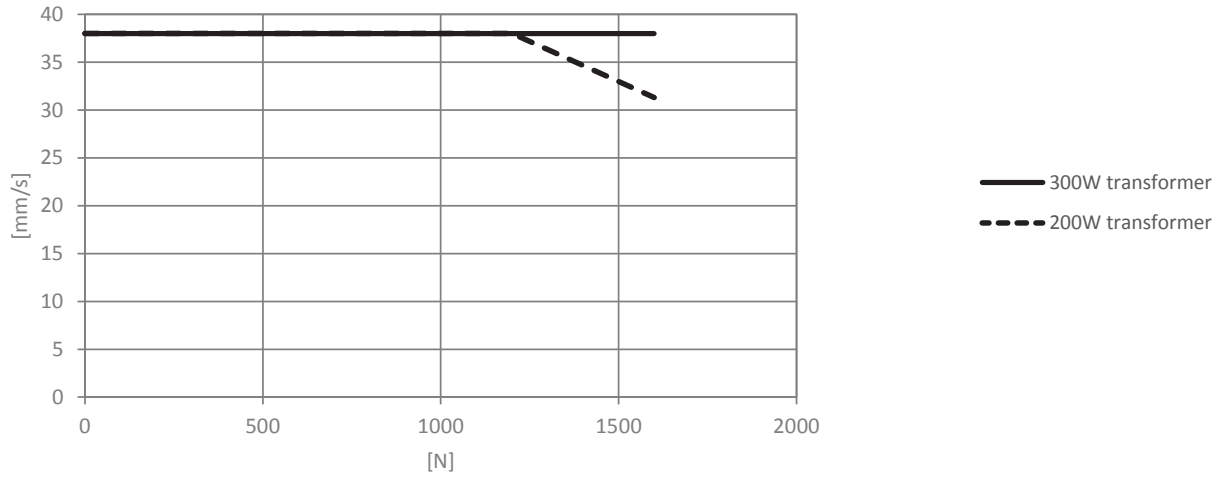


4 x DL5/8/10/15 (equally loaded) with CBD6S (300W)

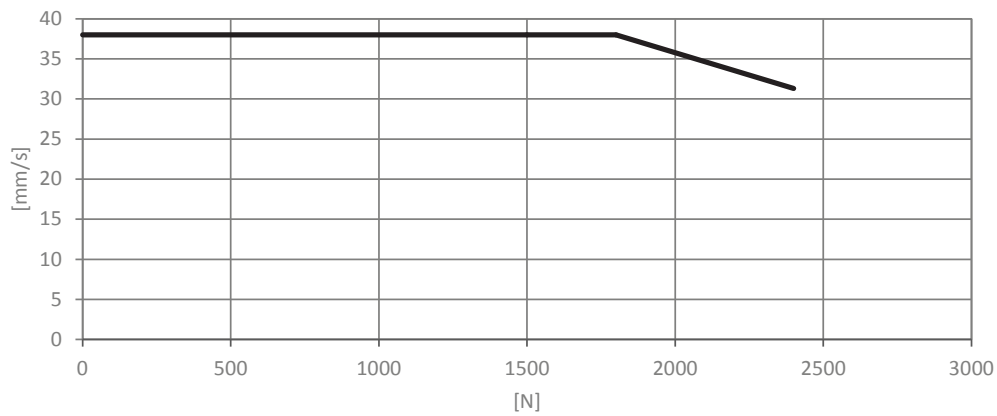


Curves for DL8 800N (20 mm spindle) with CBD4

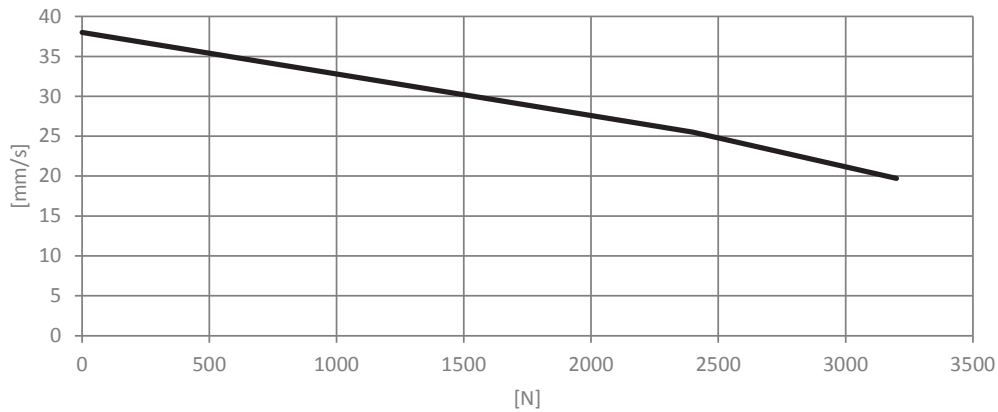
2 x DL5/8/10/15 (equally loaded) with CBD4



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



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

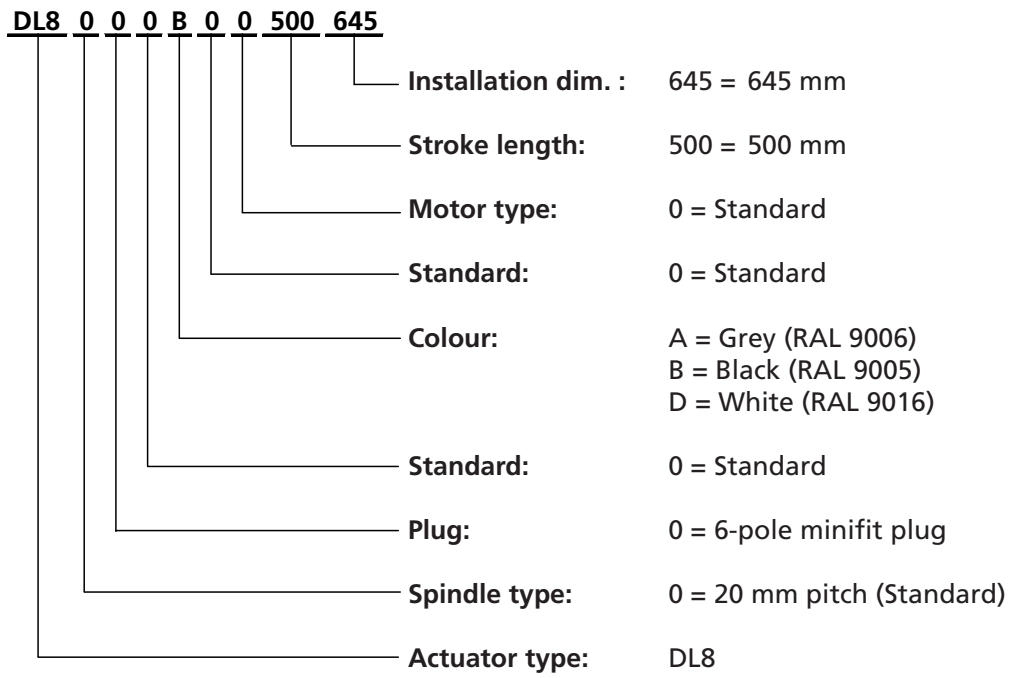


The above data are measured in connection with 2-4 DL8 lifting units and control box CBD4/CBD6S. The desk is driving upwards.

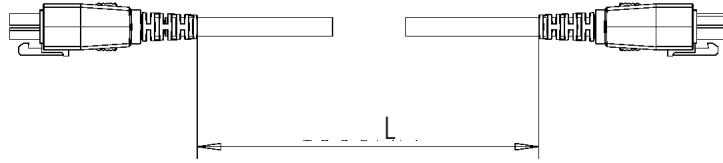


The above curves apply to a centrally placed load. At moment load there will be an increased friction in the columns, which will reduce the lifting force correspondingly.

Ordering example:



**Motor cable:**



Motor cables must be ordered separately.

**Ordering numbers**

0617102-0200  
0617102-0500  
0617102-1000  
0617102-1550  
0617110-2000  
0617110-2500

**Description**

L = 200 mm black motor cable, PVC free  
L = 500 mm black motor cable, PVC free  
L = 1000 mm black motor cable, PVC free  
L = 1550 mm black motor cable, PVC free  
L = 2000 mm black motor cable, PVC free  
L = 2500 mm black motor cable, PVC free

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