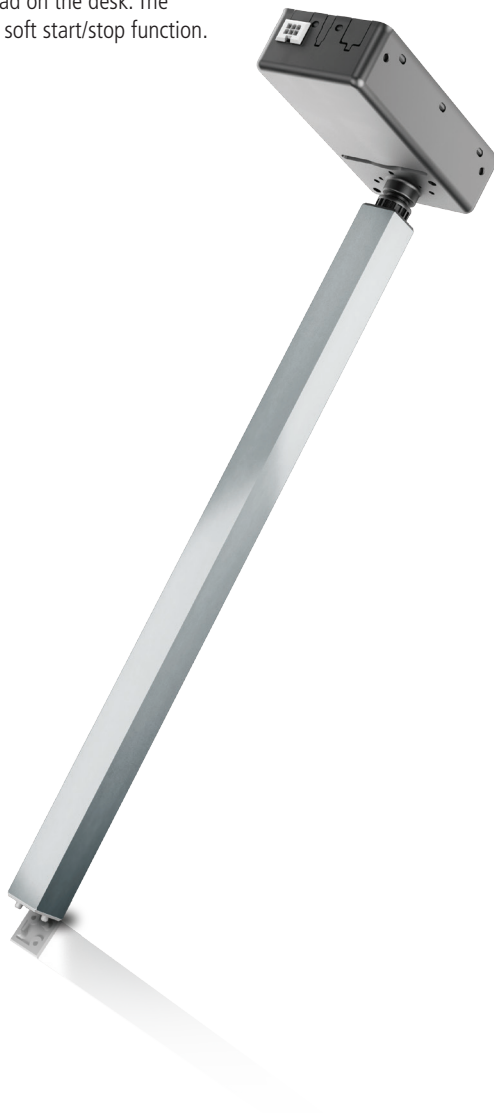


Built-in DB5

The DB5 is a new LINAK built-in actuator in the DESKLINE product range. The DB5 is specially designed for easy integration in the customer's guidance, to achieve the optimum freedom of design for desk applications.

The DB5 (DESKLINE[®] Built-in) is designed with a slim metal motor housing to achieve a very low installation dimension and to make it possible to fix the motor housing directly to the frame.

The DB5 can either be a part of a single, 2, 3 or 4 parallel system. The parallel drive is ensured by means of special software in the control box that also compensates for an uneven load on the desk. The control box is designed with a soft start/stop function.



Features:

- Motor housing with integrated plug for connection to control with a separate DESKLINE[®] motor cable
- Max. thrust 800 N per column
- Max. speed : 38 mm/sec unloaded
- Standard stroke length 500 mm
- Standard installation dimension 620 mm
- Dimension square outer profile: 30 x 30 mm
- Dimension motor housing 177 x 97 x 46 mm
- Bending moment is transferred to the customer's guidance
- Hall sensor (enables parallel drive with control box)
- Low noise level
- Brake single acting as LA31
- Colour: Black motor housing and aluminium square tube

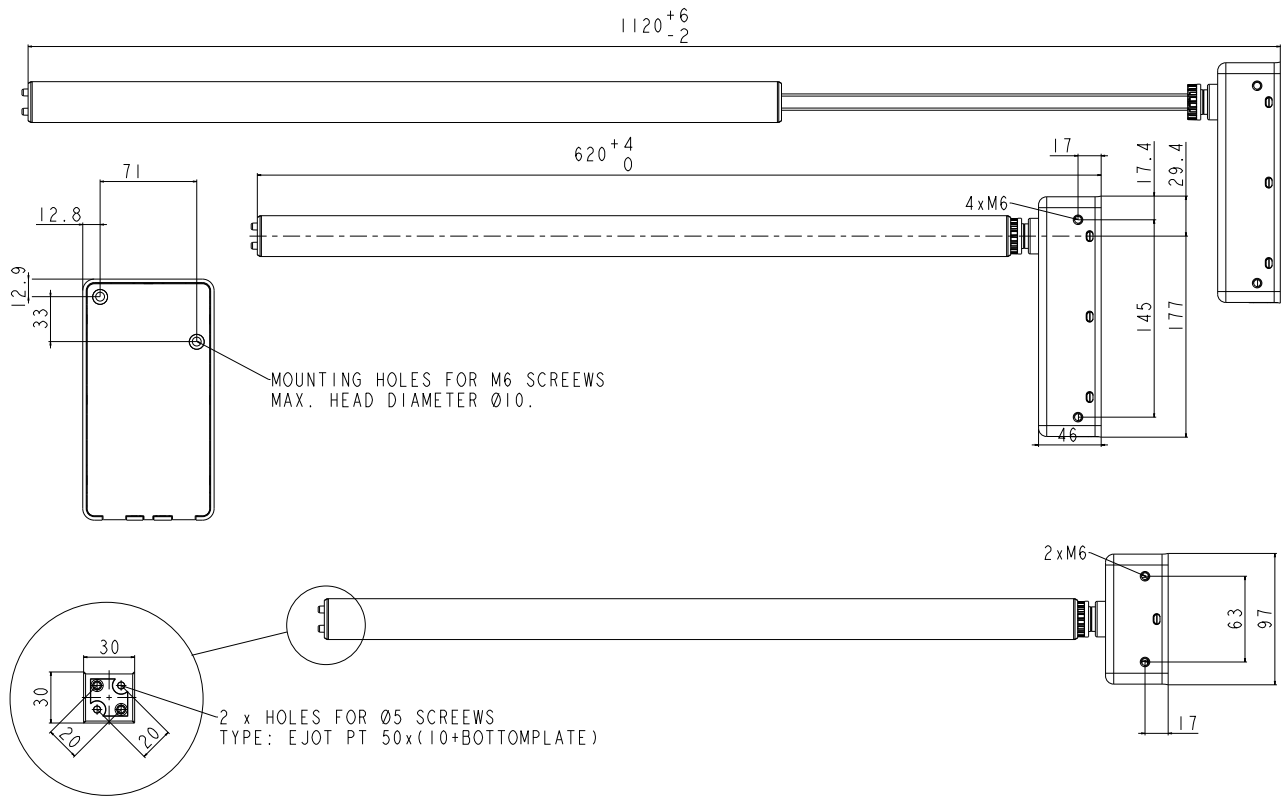
Usage:

- Duty cycle: 10 % ~ 6 minutes per hour or 2 minutes at continuous use at full load
- Ambient temperature: +10°C to +40°C
- Compatible with DESKLINE[®] controls boxes
- Compatible with all DESKLINE[®] controls
- Approved according to EN60335-1 and UL962

Technical specifications :

Type	Max. Thrust pr. DB (N)	Self-lock pr. DB (N)	Speed at 0 load (mm/s)	Duty cycle (%)	Spindle pitch (mm)
DB5	800	800	38	10	20

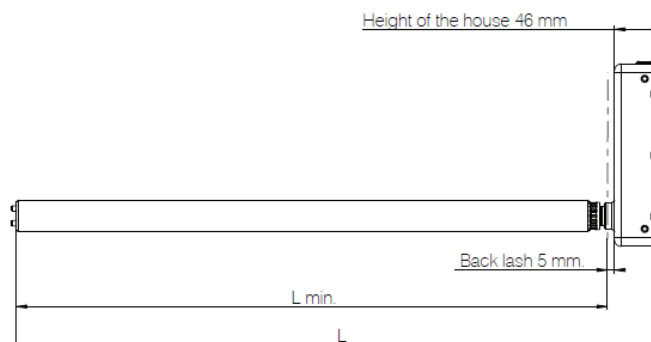
Dimensions (standard):



The end-stop system in the DB5 is based on a buffer system meaning that you must be aware of the lengths when initialising. The products must be able to drive:

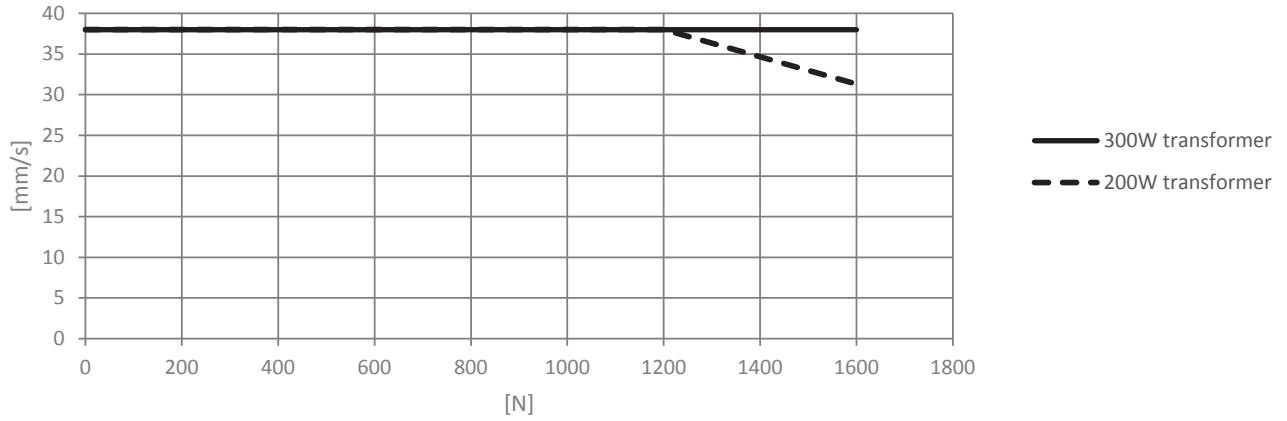
Inwards direction: built-in dimension - tolerances - 5 mm

Outwards direction: built-in dimension + stroke length + tolerances + 5 mm

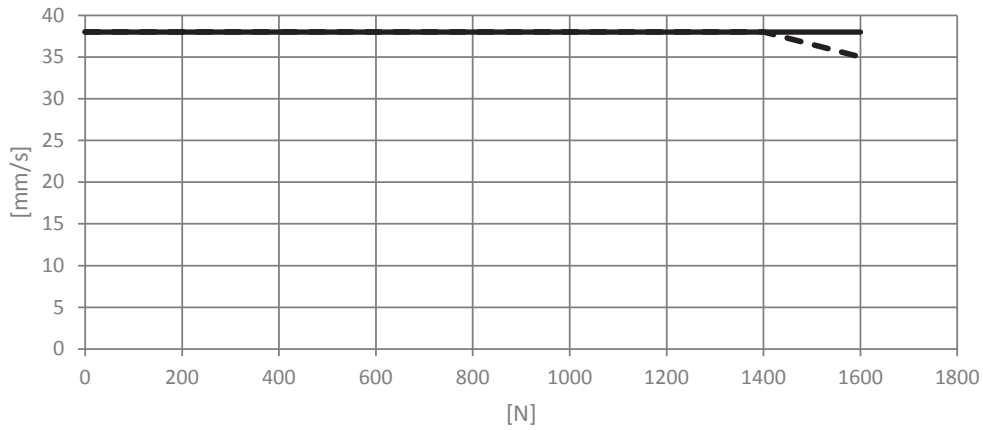


Curves for DB5

2 x DB5/DB6 (equally loaded) with CBD4



2 x DB5/DB6 (equally loaded) with CBD6S

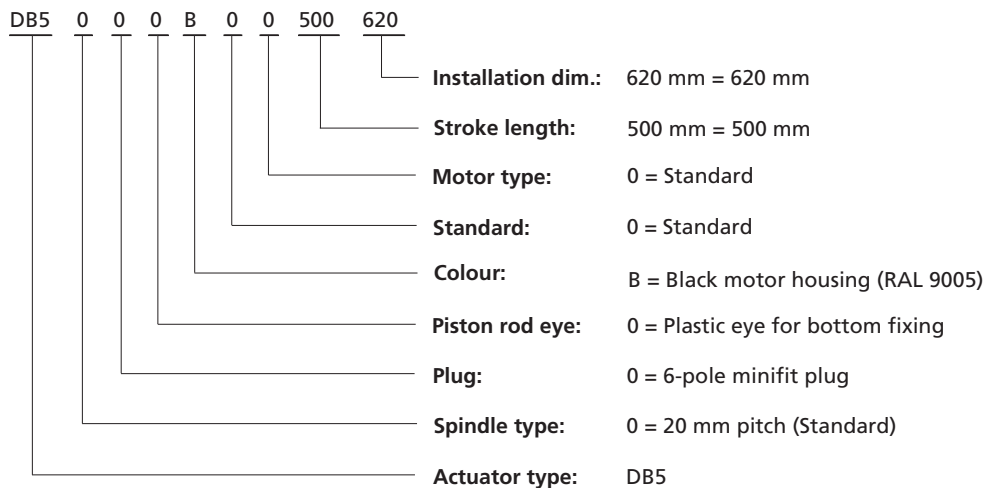


Above data is measured in connection with two DESKLINE DB5 and DESKLINE control box.
The desk is driving upwards.

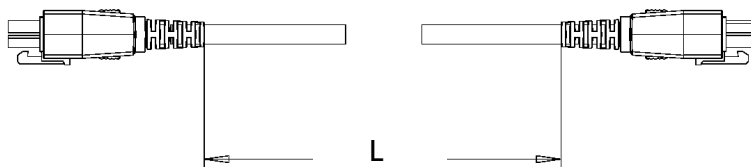


The above curve applies to a centrally placed load. At moment load there will be an increased friction in the customer's guidance, which will reduce the lifting force correspondingly.

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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