

## Built-in DB8P

The DB8P is a 2-stage LINAK<sup>®</sup> built-in actuator in the DESKLINE product range. The DB8P is designed for pull applications and specially designed for integration in customer's cupboards in kitchen applications.

The DB8P (DESKLINE<sup>®</sup> Built-in Pull) is designed with a metal motor housing to achieve a very low installation dimension and to make it possible to mount it hanging from the top of the inside of the cupboard.

The DB8P has a built-in clutch, which makes it durable for pull applications instead of push like other LINAK DB actuators. If something is blocking the direction of the drive this clutch is a safety feature that ensures that it will only push with the self-weight of the mounted shelf.



### Features:

- Motor housing with integrated plug for connection to control box with a separate DESKLINE<sup>®</sup> motor cable
- Max. thrust 300N (Pull)
- Max. speed : 38 mm/s unloaded
- Standard stroke length 430mm or 540mm
- Standard installation dimension 570mm or 680 mm
- Dimension square outer profile: 30 x 30mm
- Dimension motor housing: 177 x 97 x 46mm
- Low noise level
- Built-in clutch ensuring only pull drive
- Colour: Galvanised motor housing and aluminium square tube
- Bracket for mounting of the shelf
- PVC-Free™

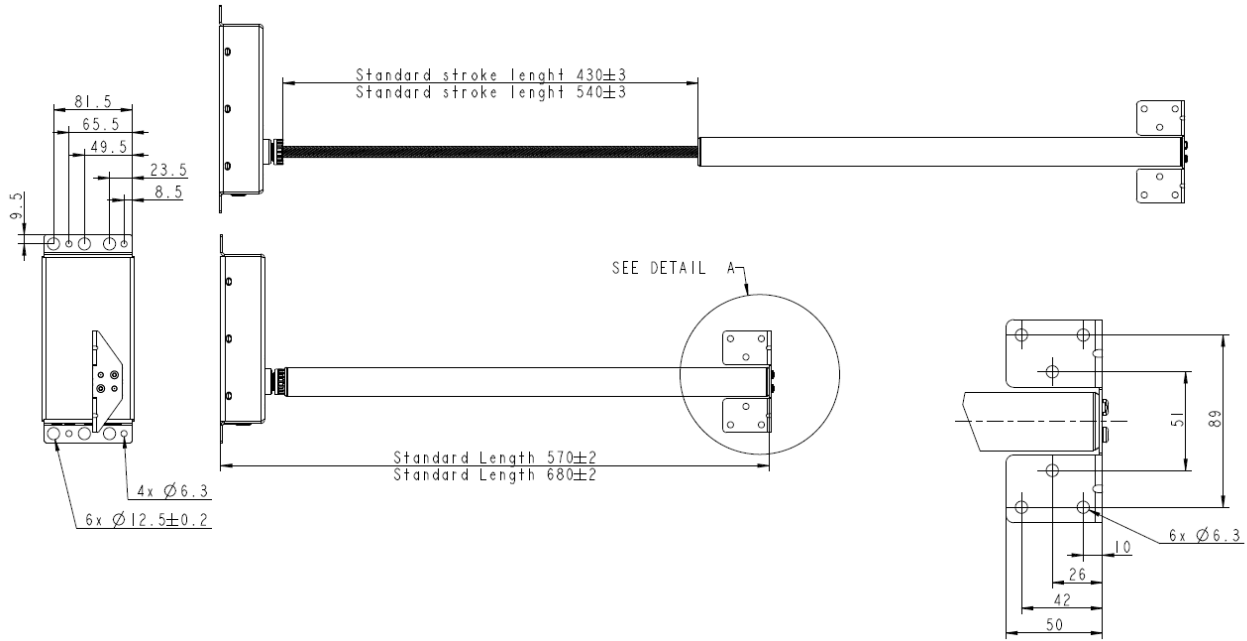
### Usage:

- Duty cycle: 10% ~ 6 min. per hour or 2 min. at continuous use at full load
- Ambient temperature: +10°C to +40°C
- Compatible with DESKLINE<sup>®</sup> CBD6S with a special software (SW no. 3003012)
- Compatible with all DESKLINE<sup>®</sup> controls without display
- Will be approved according to EN60335-1 and UL962

Technical specifications :

Type	Spindle pitch (mm)	Max. Thrust [N]	Self-lock [N]	Speed at 0 load [mm/s]	Duty cycle [%]
DB8P	36	300	300	38	10

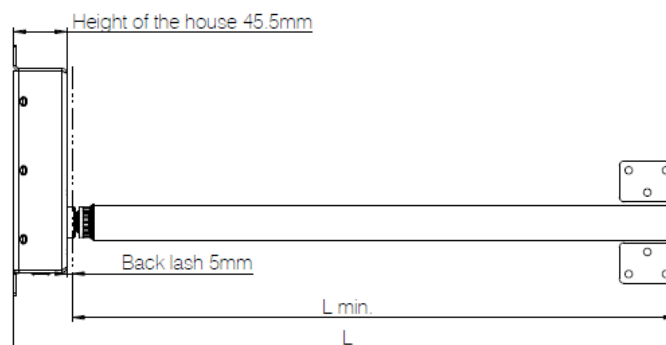
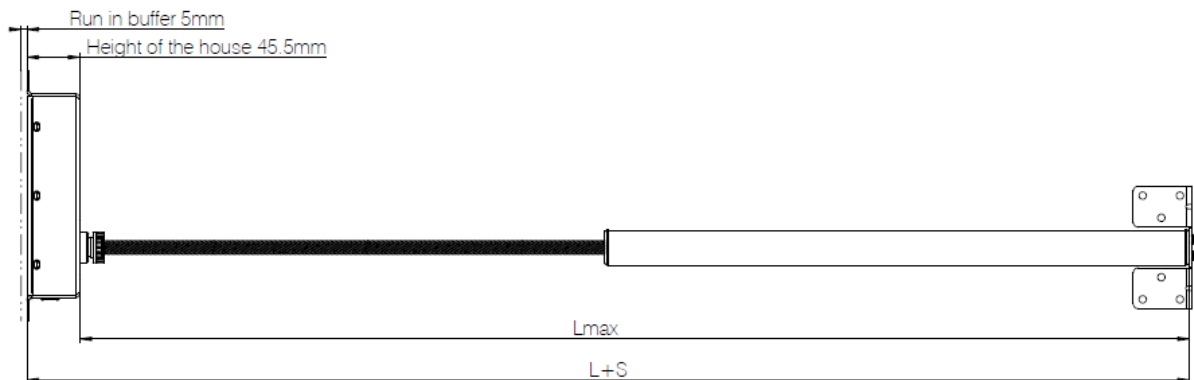
Dimensions:



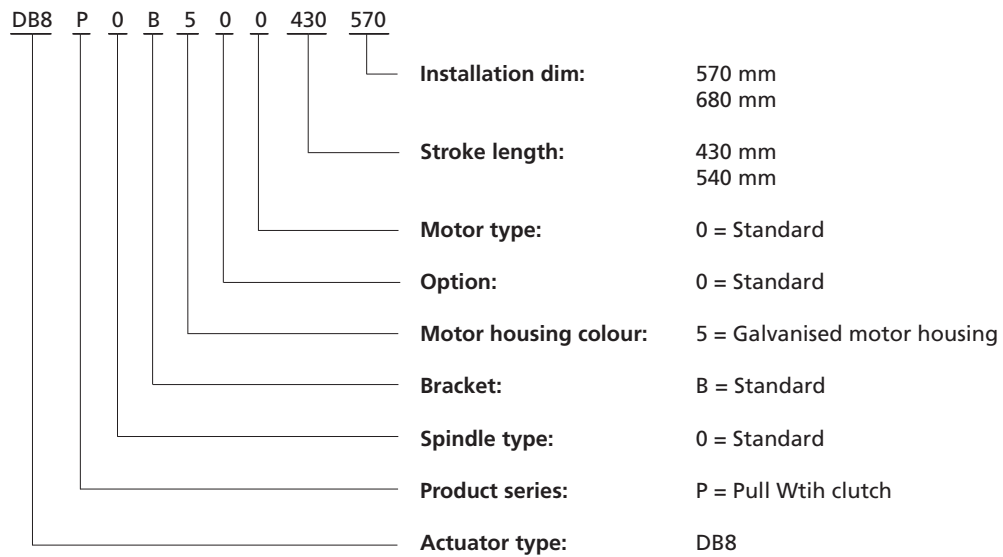
The end-stop system in the DB8P is based on a buffer system meaning that you must be aware of the lengths when initialising. The products must be able to drive:

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

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



**Ordering example:**



All cables for creating a fully connected DESKLINE system must be ordered separately. We offer a range of different versions and lengths. Please contact your local LINAK regarding information as ordering number, colour and length of the cables.

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