



dormakaba sliding door operator CS 80 MAGNEO

Now also available for double-leaf systems

Sophisticated design

The dormakaba sliding door operator CS 80 MAGNEO amazes with its elegant look in a modern contour design. The slim and linear structure, together with different surface finishes, ensures that the CS 80 MAGNEO integrates into the overall ambience of the architecture and forms a visual unit with other dormakaba solutions – both in private and public spaces.

Modern technology

Thanks to the magnet technology used, the operator works almost without a sound; the CS 80 MAGNEO is operated by a magnetic linear induction drive and is therefore contact-less and therefore does not have a rotating shaft motor.

Various areas of application

The CS 80 MAGNEO offers a variety of application options in the private and commercial area, as in-wall, or on-wall, with glass, or wooden leaves. with glass or wooden door leaves. The CS 80 MAGNEO can also be implemented when renovating existing door systems.

Functions and security

A variety of functions are offered as standard: the door can be opened completely automatically using a motion detector, manually by hand or using a button. The Permanent Open mode allows the door to be permanently open.

In low-energy mode, the sliding door operator can be installed in accordance with DIN 18650 and EN 16005, ANSI and BSI without using any additional safety sensors. In full-energy mode, a safety sensor that is procurable in the dormakaba accessories programme is recommended – depending on the installation situation.



New: double-leaf CS 80 MAGNEO

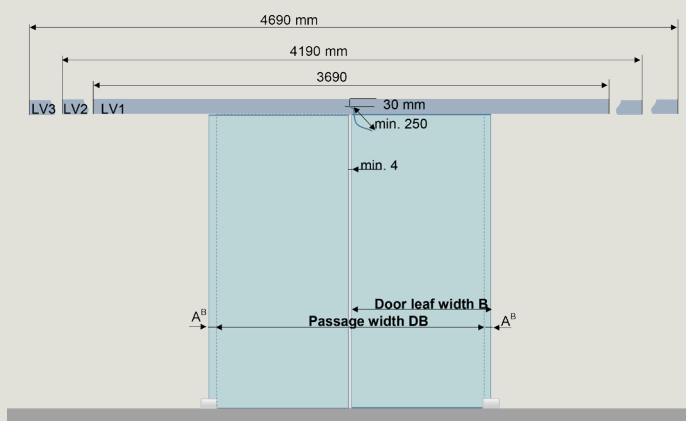
The CS 80 MAGNEO sliding door operator is now also available for double-leaf door systems, this makes way for larger opening widths whilst retaining compact dimensions. The same functionality and installation options on the single door can also be found as standard on the double-leaf door.

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Double-leaf CS 80 MAGNEO in modular system

You choose the configuration depending on your location and how you want to operate the door. The system configuration for the double-leaf variant is simple to follow. CS 80 MAGNEO operator plus door kit and for on-wall-mounting plus cover and mounting kit*.



Operator length and movement path

The length variant of the CS 80 MAGNEO is calculated based on the path that the door moves during opening and closing, i.e. the movement path. There are three length variants available per door leaf:
 LV 1 for a max. passage width of 1,750 mm
 LV 2 for a max. passage width of 2,000 mm
 LV 3 for a max. passage width of 2,250 mm
 The space required for the double-leaf design for operator incl. cover and end caps is given in the adjacent drawing with the example of an on-wall-mounting with glass-clamping rail and glass door leaf. For more information, please visit www.dormakaba.de.

Technical data*

Operator length/system width for on-wall and in-wall-mounting		
	Without cover	With cover
Length variant LV1	3,600 mm	3,690 mm
Length variant LV2	4,100 mm	4,190 mm
Length variant LV3	4,600 mm	4,690 mm
Operator height		
For MANET glass holder		62 mm
For glass-clamping rail		75 mm
For wooden door leaf		75 mm
Depth		
On-wall-mounting (without chuck plate)		63 mm
In-wall-mounting (only header profile)		50 mm
Operator weight		
Length variant LV1		2 x 8.6 kg
Length variant LV2		2 x 9.4 kg
Length variant LV3		2 x 10.2 kg
Leaf weight		2 x 20 kg to 2 x 80 kg
Speed		
		0.2–0.6 m/s

The speed is calculated based on the movement path and door leaf weight. It is set automatically during the commissioning keeping in mind the latest standards and provisions.

*For further information and article numbers, please refer to Technical brochure CS 80 MAGNEO available for download at www.dormakaba.de

Power supply	220–230 V
On-site fuse	10 A
Power consumption	
Stand-by mode	2x 3.7 W
Automatic mode	Max. 2x 60 W
Class of protection	IP 20
Temperature range	0–40 °C
Usage conditions	Only for dry rooms, relative humidity max. 93%, non-condensing
Low-energy mode	●
Full-energy mode with safety sensor	●
DIN 18650 and EN 16005, ANSI, BSI	●
Manufactured to ISO 9001	●

Standard functions and special functions

Off	●
Automatic	●
Permanent Open	●
SoftMotion	●
Flip-flop-function	●
Push&Go function	●
Manual access during power failure	●
Locking device	○

● Standard

○ Optional