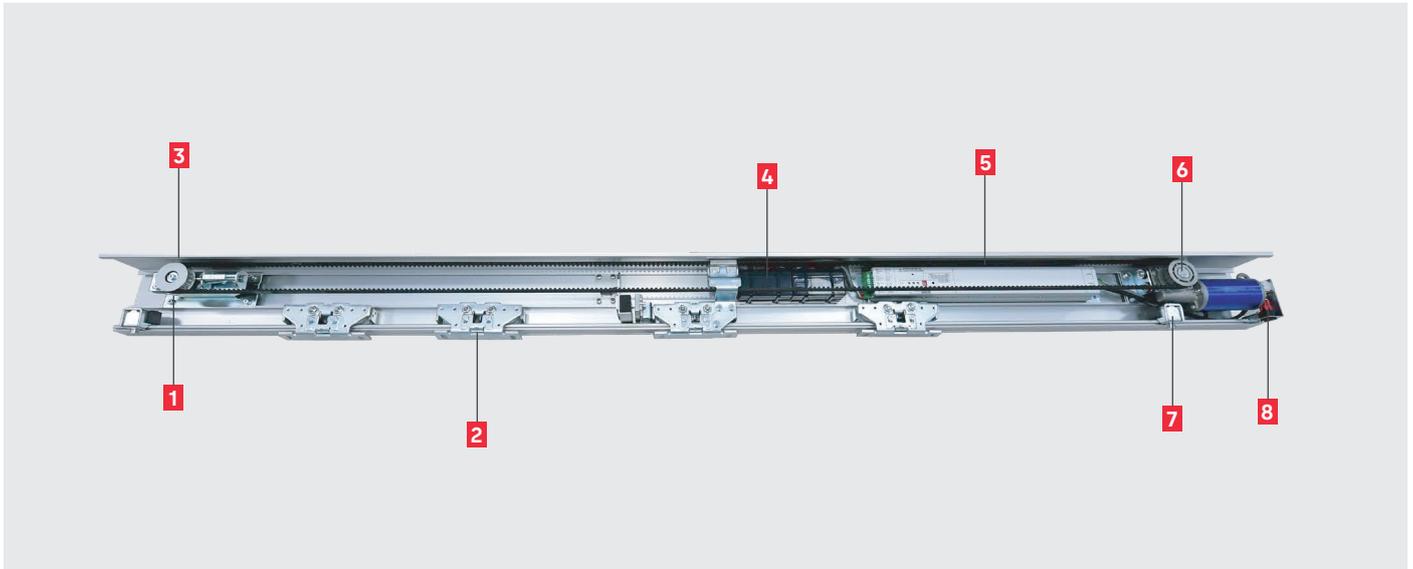


dormakaba DK 120

Automatic sliding door operator

The DK 120 automatic sliding door drive features a new controller and high torque motor.



Components

- | | | |
|--|-------------------------|----------------------------|
| 1 Return pulley with integrated tensioner | 4 Backup battery | 7 End stopper |
| 2 Hanger bracket | 5 Control unit | 8 Main power switch |
| 3 Bi-Stable Lock (optional) | 6 Drive motor | |

Data & Features

Door parameters

Single-panel sliding door	– Clear passage width LW	700 - 3000 mm
	– Door panel weight, max.	1 x 130 kg
Double-panel sliding door	– Clear passage width LW	700 - 3000 mm
	– Door panel weight, max.	2 x 120 kg
Clear passage height*		2100 - 3200 mm

*Other dimensions on request.

Technical data of operator

Height	100 mm
Depth	180 mm
Opening speed	10 - 42 cm/s
Closing speed	10 - 40 cm/s
Hold-open Time	1 - 11 Seconds
Power Supply	230 V, 50/60 Hz
Max Power	150 W
Ingress Protection	IP 20
Operating Temperature	-20 to +50 °C

Basic module (BM)

Microprocessor controller	●
Functional programs	●
– Automatic	●
– Permanent open	●
– Partial open	●
– Exit only	●
– Night-bank switch	●
Emergency off	●
Self-learning	●
Automatic reversing	●
Connection for bistable electro-mechanical locking	●
Connection for light barriers (max. 2 pairs)	●
Setting of basic parameters on controllers	●
Battery Pack (Emergency Operation, Emergency opening or closing)	●
Emergency Stop	●

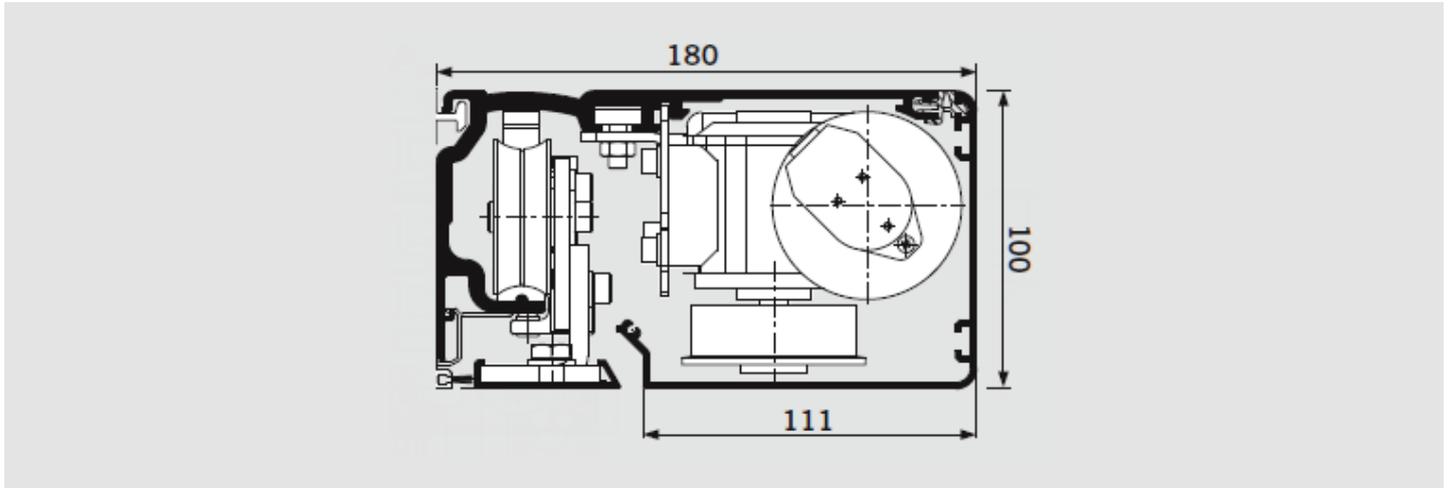
● Yes ○ Optional

Additional Equipment

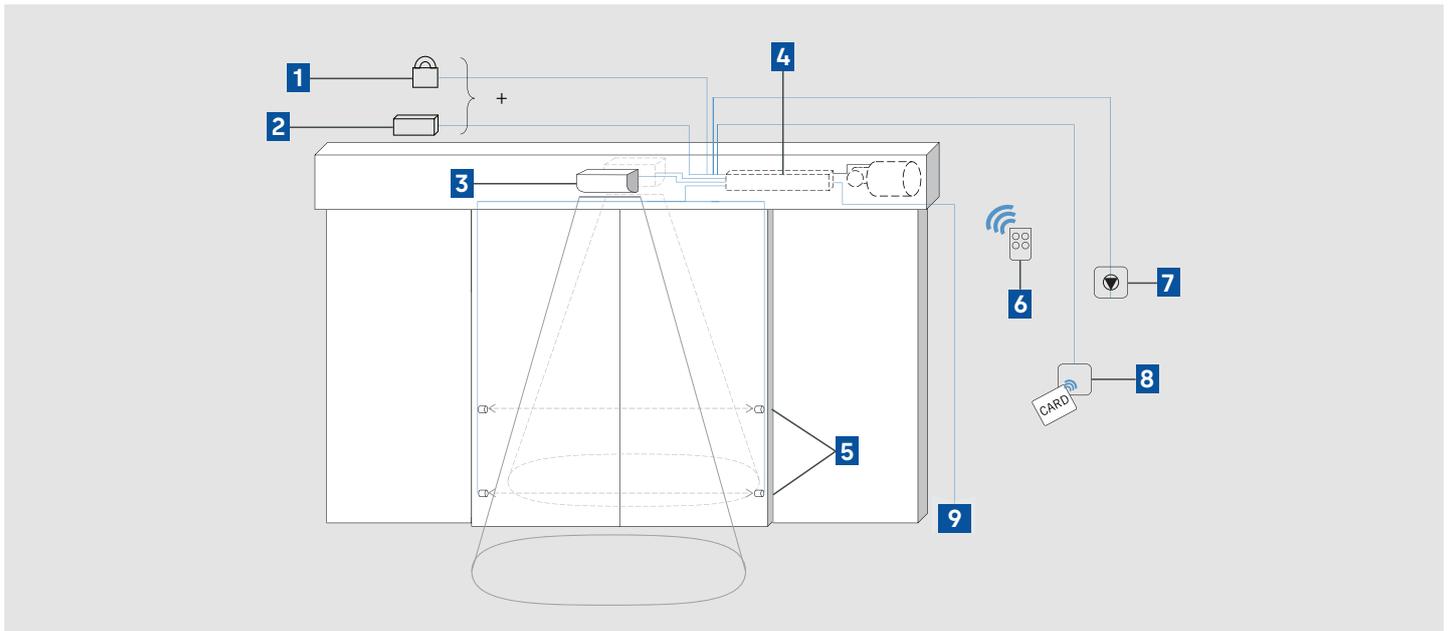
Electro-mechanical locking (bistable)	○
Light barriers	○

● Standard ○ Optional

Dimensions



Connections



- | | |
|--|---|
| 1 Bi-Stable (optional) | 6 Wireless remote (optional) |
| 2 Backup battery | 7 Program switch |
| 3 Combination Sensor | 8 Card reader
(access control activation) |
| 4 Control unit | 9 Power supply
110/230 V
50/60 Hz |
| 5 Safety light barrier (optional) | |

Factsheet

Accessories

Sensors

For sliding door operators	Designation	Specification	Order No.
	HR100-CT	HR100-CT: Dual Relay Output Automatic Door Activation + Monitored Safety, Installation Height: 2000mm to 3000mm (6.5ft to 10ft), IP Rating: 54	5403490
	IXIO - DTI/D01	Technology: Microwave doppler radar, Transmitter frequency: 24.150 GHz, Installation Height: 2000mm to 3500mm, Transmitter radiated power: < 20 dBm EIRP, Transmitter power density: < 5 mW/cm ² , Sensor temperature range: -13 – 131 °F * 0 – 95% relative humidity, non-condensing	86800001

Program Switches

For sliding door operators	Designation	Specification	Order No.
	PG-S2	5-position, lockable, aluminium, white, flush-mounted version, 80 x 80 x 40 mm	19135602150
	Wireless Remote	32-bit encryption for added security, 15 m long range, 4 channel remote control, Simple design, compact size, portable	

Triggers

For sliding door operators	Designation	Specification	Order No.
	Clearwave	Detection Method: K-Band 24.125Ghz - Microwave Motion Detection, Detection Range: 5-40cm, Sensor Dimensions: 86mm x 86mm x 20mm, IP Rating: IP55	5400955
	1 Button Remote and Receiver	1 Channel receiver and 1 button remote	86800001
	Aerwave	Technology: Infrared - Reflective, Power Supply: DC3V, Detection Range: 1-15cm ±5cm, Detecting target: Hand or Object (Touchless), Wireless transmission distance: Up to 10m, IP Rating: IP65	5403063

Factsheet

**Any questions?
We would be happy to advise you.**

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