



# C851

Fast sliding gates gearmotor

**FAAC**  
*Simply automatic.*

# C851

Industrial sliding gates  
garmotor:  
Fast, Powerful,  
Easy to install and set-up

Operates industrial sliding gates weighing up to 1800Kg with a speed (adjustable) up to 0.7 m/s and a maximum recommended length of 20m.

Ideal for stores, warehouses, malls, prisons, embassies, or any application in which Fast Operation and Continuous Duty (100%) can be requested.

Powerful garmotor: 1.1KW irreversible garmotor + electric brake.

E850S control panel with integrated frequency inverter able to independently manage opening and closing running speeds.

Integrated full feature control panel protected by plastic covers.

2 integrated limit switches to manage deceleration positions.

2 external magnetic limit switches, installed on the rack, as maximum end of travel position precision

Galvanised steel operator base with 5 fixing points.

Slot holes and height adjustment pins to permit full operator position adjustment.

1.5mm steel cover with zinc primer protection treatment plus powder coated painting.

In the event of power failure an easy manual release operation makes it possible to move the gate manually.

The manual release device can be activated from the outside of the operator without removing the cover.



## PRECISE DECELERATION

Two integrated mechanical limit switches with fine adjustment to guarantee precise deceleration.

Plastic protection for belt to prevent finger injury.



## INTEGRATED E850S CONTROL BOARD

Integrated full feature control panel, easy to program through display and buttons, full range of operating logics available. Control panel protected with dark and transparent covers to help service and maintenance.



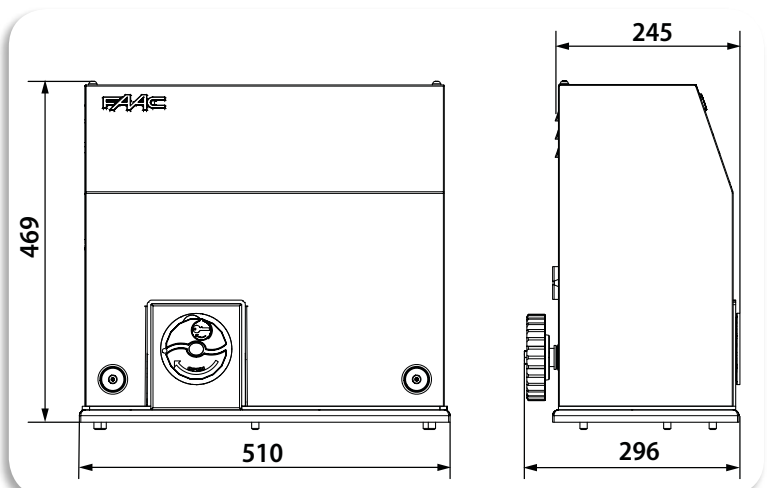
## INTEGRATED LIMIT SWITCH

External magnetic limit sensor switch, fixed on a stainless steel plate, to guarantee maximum precision of the end of run positions.



## IRREVERSIBILITY GUARANTEED

Reinforcement side supports with handles to help moving and positioning the operator and electric brake on the motor shaft.



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## DIMENSIONS AND TECHNICAL CHARACTERISTICS

MODEL	C851
Power supply voltage	220-240V ~ 50/60Hz
Motor	1.1 KW three phase with four poles
Type of gearmotor	Worm screw with oil lubrication
Max. power	1,800 W
Max. torque	168 Nm (*)
Max expressed force	3.000 N (*)
Max. leaf width	20 m
Leaf speed	20 ÷ 40 m/min
Speed adjustment and motor control	On control board
Opening and closing limit switch	Integrated mechanics + magnetic
Pinion	Z28 module 4
Operating ambient temperature	-20°C ÷ +55°C
Thermal protection	75°C
Protection class	IP54
Weight	40 Kg
Dimensions (LxDxH)	510 x 295 x 467 mm
Max. leaf weight	1,800 Kg
Use frequency	100% (T=25 °C)
Electronic equipment	E850S incorporated

(\*) data referred to 230V~ 50Hz.



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