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C850

Fast sliding gates gearmotor



FAAC
Simply automatic.

INDUSTRIAL SLIDING GATES GEARMOTOR: 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 gearmotor: 1.1KW irreversible gearmotor + electric brake
- 1.5KW Frequency Inverter easy speed programming of:
 - Running speed
 - Deceleration speed
 - Rump-up time (acceleration)
 - Rump-down time (deceleration)
- Integrated full feature control panel protected by a metal housing and plastic transparent cover
- 4 Integrated limit-switches
- 5mm hot dipped galvanised steel operator's base with 5 fixing points
- Slot holes and height adjustment pins to permit full operator's 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.



Four integrated mechanical limit switches with fine adjustment to guarantee precise deceleration and end of run positions. Belt plastic protection to prevent finger injury.



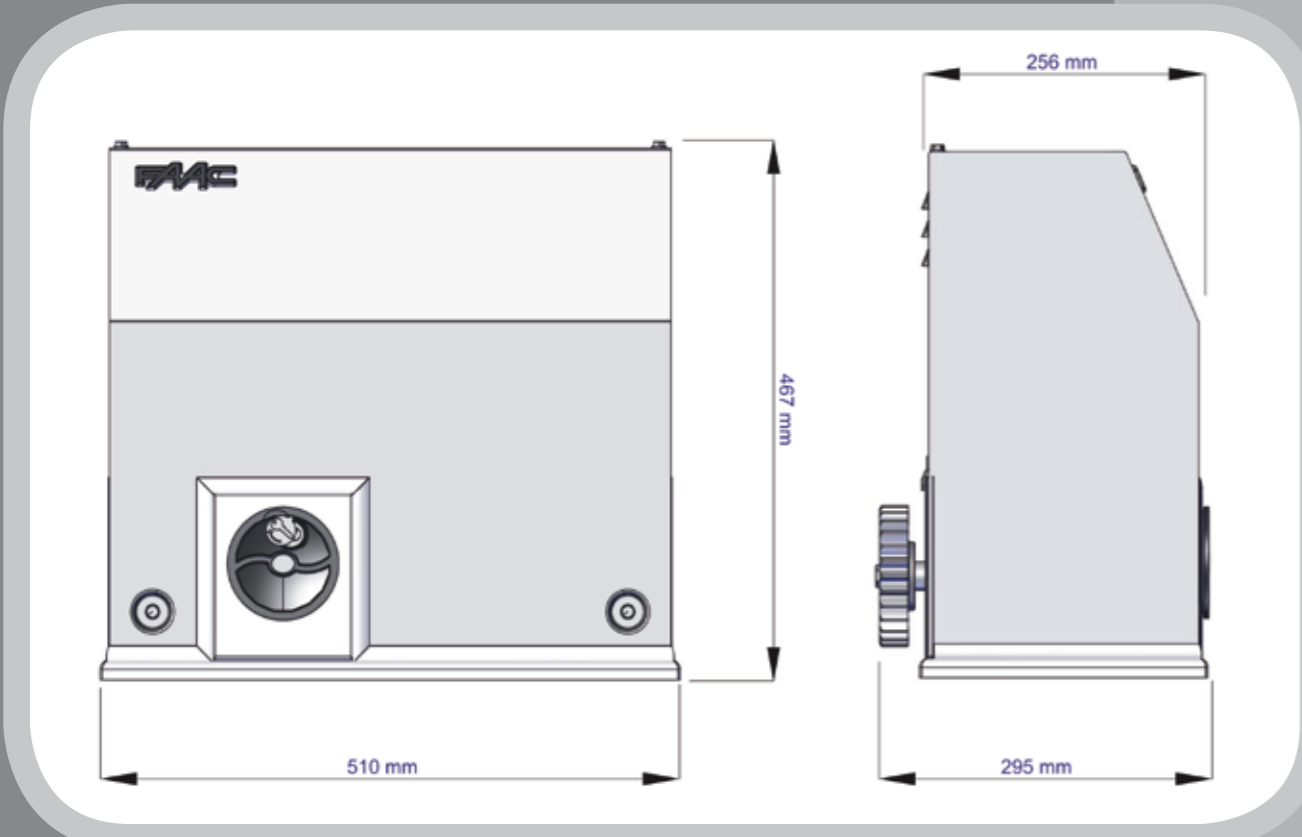
Integrated full feature control panel, easy to program through display and buttons, n°2 loop detectors control built in, full range of operating logics available (including logic PE). Control panel protected with metal housing and transparent cover to help service and maintenance.



1.5KW power inverter integrated, easy to program permits to adjust precisely speeds, rump-up and rump-down times.



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



C850 DIMENSIONS AND TECHNICAL CHARACTERISTICS

• Power supply	230V ~ (+6% / -10%) 50Hz	Motor control	Inverter
• Max. absorbed power (W)	1800	Inverter max power	1.5 KW
• Thrust on pinion (N)	1800	Use temperature (°C)	-20 +55
• Max. torque (Nm)	110	Type of gearmotor	irreversible, 1.1KW
• Type of pinion	Z28 module 4	Gearmotor weight (Kg)	49
• Recommended gate max. length (m)	20	Protection class	IP54
• Max. gate weight (Kg)	1800	Gearmotor overall dimensions	See fig. on the side
• Carriage speed (m/min)	Min 20 Max 42	Frequency of use	INDUSTRIAL
Type of limit switch	Mechanical	R.O.T.	CD continuous duty