

Gearmotor 230V

for gates weighing up to 1,800 kg



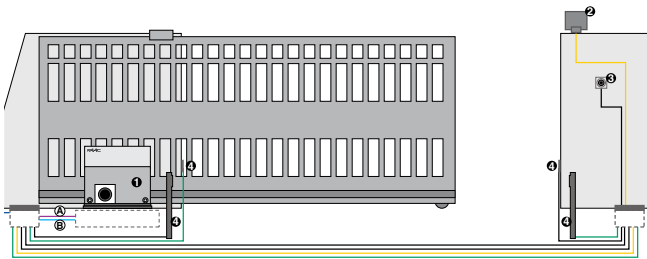
- For sliding gates weighing up to 1800Kg, with speed (adjustable) up to 0.7 m / s recommended maximum length of 20 m
- Ideal for special applications where fast operation is required and a continuous service (100%) such as, for example, prisons, embassies, sensitive places.
- Irreversibility guaranteed by integrated electric brake on the powerful geared motor 1.1KW
- Programming of the speed with integrated frequency inverter
- Electronic built-protected in a metal container and transparent plastic cover.
- Micro deceleration start and limit switches integrated into the motor and adjustable (does not require feedback on the gate)
- Cover in steel with protective zinc primer and polyester powder coating
- Release device manually operated from the outside operator with coded key



DIMENSIONS AND TECHNICAL SPECIFICATIONS OF C850

Power supply voltage	230 Vac (+6% -10%) 50 Hz	Adjust speed and engine control	by inverter
Absorbed power	1800 W	Limit switch	4 built-in mechanical
Type of motor	1.1 KW with oil lubrication	Operating ambient temperature	-20°C ÷ +55°C
Pull and push	180 daN (Z28 module 4)	Motor weight	49 kg
Drive torque	110 Nm	Class protection	IP54
Max. recommended length of the gate (m)	20	Dimensions (WxDxH) in mm	510x295x467
Gate speed	20 ÷ 42 m/min	R.o.T.	CD continuous service
Max. inverter	1,5 KW		

EXAMPLE OF A TYPICAL INSTALLATION



- **(A) Low voltage cabling**
- cables 3x0,50
 - cables 2x0,50

- **(B) Power cabling (230V)**
- cables 2x1,5+T
 - cables 2x1,5

N.B: Cable sections in mm²

ATTENTION: The configuration does not include the safety devices (ie: active or passive safety edges) that are to be determined on the basis of "risk analysis" of each specific installation (Ref.: UNI-EN European Standards 12445 and 12453). The indicated price does not include the costs for the installation and for the preparation of masonry, electrical and metalwork preparations.

Ref.	Q.ty	Description	Item code	Price (euro)
①	1	Gearmotor C850 FAST SLIDER	109819	0000
①	1	Foundation plate C850	737850	0,00
①	4	Galvanised rack 30x12 mod. 4 with solder included (pack of 4 m)	490122	
①	1	Receiver 1-channel RP 433 SLH	787824	
②	1	Flashing FAACLIGHT 230 V	410013	0
③	1	Key switch T10 E	401019001-36	00
④	2	Pair of photocells PHOTOBEAM	785163	
④	2	Low stand aluminum	401028	
④	2	Foundation plate for aluminum column (T10 - T11 - T10 E - T11 E) (pack of 20 pcs.)	737630	
	1	2 channels transmitter XT2 433 SLH LR	787007	
TOTAL				

Model	Use		Control unit	Item code	Price (euro)
	Max. weight (kg)	Use frequency (%)			
C850	1.800	100%	E850 built-in	109819	

The package includes: a gearmotor designed for application with rack and pinion Z28, with electronic equipment E850, inverters and limit switches.

CONTROL UNITS



Electronic equipment E850

Technical Specifications page 152

SPECIFIC ACCESSORIES



Foundation plate C850

Item code 737850
Price (euro) 85.00



Galvanised rack 30x12 mod. 4 with solder included (pack of 4 m)

Item code 490122
Price (euro) 78.40



Remote Keypad Inverter OMRON C850 (*)

Item code 404036
Price (euro) 450.00

Note

* The accessory allows easy programming of the inverter and the diagnostic function. The keypad is supplied with cable connection.

OTHER ACCESSORIES



Key-operated push-buttons page 166



Photocells and Columns page 171



Safety devices page 173



Flashing lamps page 174



Transmitters page 160



Various accessories page 175