



C851

230V Gearmotor



Max. leaf weight

1,800 Kg

Max speed

40 m/min

Use frequency

100%

- Ideal for special applications where fast operation is required and a continuous service (100%).
- Irreversibility guaranteed by integrated electric brake on the powerful geared motor 1.1KW.
- Speed programming via integrated frequency inverter **on the E850S control board**.



DIMENSIONS AND TECHNICAL SPECIFICATIONS

Model	C851
Power supply voltage	220-240V~ 50/60 Hz
Motor	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 (adjustable)
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.

FAMILY MODELS

Model	Item code
C851	109903

PACKS

C851 includes: a gearmotor designed for rack assembly with pinion Z28, with E850S electronic device equipped with on-board inverter and built-in magnetic and mechanical limit switches.

Typical Installation Examples page. 345

ELECTRONIC CONTROL UNITS



Built-in E850S control board
Info at page 155

63003207



C851 Foundation plate

737850

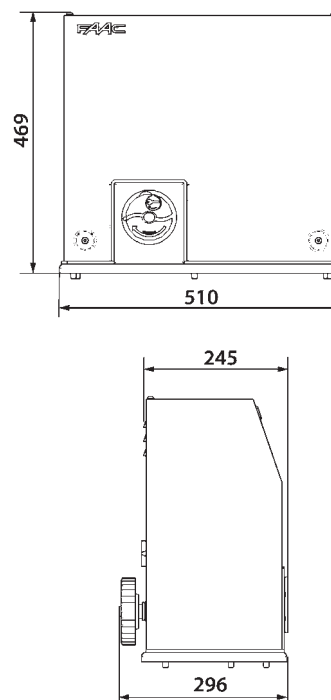
RACKS



Galvanised rack 30x12 mod. 4 including weld-on fittings (4 pcs pack, 1 m each)

490122

INSTALLATION DIMENSIONS (MM)



OTHER ACCESSORIES

Key operated buttons
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Safety devices
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Transmitters and receivers
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Photocells and columns
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Flashing lights
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Various accessories
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