



# 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. 331

## ELECTRONIC CONTROL UNITS



Built-in E850S control board  
Info at page 153

63003207

## ACCESSORIES



C851 Foundation plate

737850

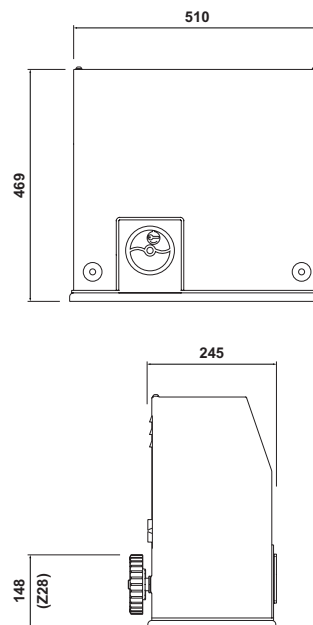
## RACKS



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

490122

## INSTALLATION DIMENSIONS (MM)



For any other configuration please refer to the technical manual

### OTHER ACCESSORIES

Key operated buttons  
page 174

Safety devices  
page 186

Transmitters and receivers  
page 166

Photocells and columns  
page 183

Flashing lights  
page 194

Various accessories  
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