



# 844 E R

## 230V Gearmotor



### Max. leaf weight

1,800 Kg

### Max speed

9,5 - 12 m/min.

### Use frequency

70 - 78%

- Maximum anti-crushing safety by coupling the twin-disk oil-bath clutch with the electronic device and encoder.
- Magnetic limit switch.
- Designed for height and side adjustable fastening.



**GREENtech**  
system:  
844 R + E145



## DIMENSIONS AND TECHNICAL SPECIFICATIONS

Model	844 E R Z16
Power supply voltage	220-240V ~ 50/60 Hz
Motor	Single phase
Max. power	660 W
Max. torque	37 Nm (*)
Max expressed force	1.160 N (*)
Reduction ratio	1:30
Max. leaf width	40 m
Leaf speed	9.5 m/min
Speed adjustment and motor control	No
Opening and closing limit switch	Magnetic
Pinion	Z16 module 4
Encoder	Magnetic encoder
Force adjustment	Twin-disk clutch in oil-bath and via board
Operating ambient temperature	-20°C ÷ +55°C
Thermal protection	120°C
Protection class	IP44
Weight	14.5 Kg
Type of oil	FAAC HP OIL
Dimensions (LxDxH)	275 x 191 x 387 mm
Max. leaf weight	1,800 Kg
Use frequency	70%
Electronic equipment	780D incorporated

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

## FAMILY MODELS

Model	Item code
844 E R Z16	109837
844 R	109838

## PACKS

**844 E R Z16**, designed for on-rack applications, includes: a gearmotor with pinion and 780D control unit, limit switch magnets, release key, covering carters.

**844 R**, designed for on-rack applications, includes: a gearmotor without pinion and control unit, limit switch magnets, release key, covering carters.

Typical Installation Examples page. 343

## ELECTRONIC CONTROL UNITS



780D electronic control unit (incorporated in automation)  
Info at page 155  
7909212



578D electronic control unit (remote installation)  
Info at page 154  
790922



E145 electronic control unit  
Info at page 146  
790006

## ACCESSORIES



Enclosure mod. L for electronic control units  
720118



Enclosure mod. E for electronic control units  
720119



Enclosure mod. LM for electronic control units  
720309

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## RACKS



Foundation plate with lateral and height adjustments (6 pcs. pack)  
737816



Lock with custom key (1-36)  
71275101-36



Kit of 16 fastening screws (to use with cod.490333)  
390178



Galvanised rack 30x12 mod. 4 including weld-on fittings (4 pcs pack, 1 m each)  
490122



Galvanised rack 30x8 mod. 4 including weld-on fittings (4 pcs pack, 1 m each)  
490123



Galvanised rack 30x12 mod. 4 including mechanical fittings (4 pcs pack, 1 m each)  
490124

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## PINIONS



Galvanised rack 30x12 mod. 4 including mechanical fittings (4 pcs pack, 1 m each)  
490125



**Discontinuing**  
Reinforced nylon rack with steel core 30x20 and fixing accessories (4 pcs pack, 1 m each) ♦  
4901204



30x20 mod.4 nylon rack (4-pack of 1m pieces) ♦  
490333



Pinion Z20 for rack  
719167

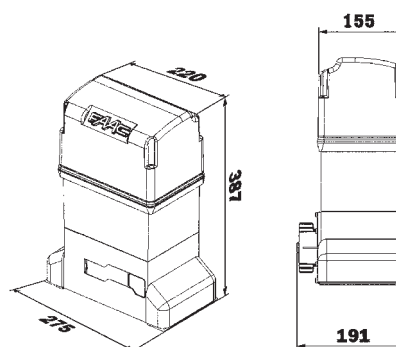


Pinion Z16 for rack  
719130

## NOTE

♦ Max gate weight: 400kg.

## INSTALLATION DIMENSIONS (MM)



## OTHER ACCESSORIES

Key operated buttons  
page 176

Safety devices  
page 190

Transmitters and receivers  
page 168

Photocells and columns  
page 186

Flashing lights  
page 198

Various accessories  
page 200