



### 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	Asynchronous 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)	277 x 155 x 388 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 carter.

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

Typical Installation Examples page. 329

## ELECTRONIC CONTROL UNITS



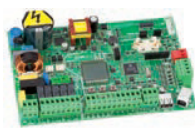
780D electronic control unit (incorporated in automation)  
Info at page 151

7909212



578D electronic control unit (remote installation)  
Info at page 150

790922



E145 electronic control unit  
Info at page 144

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

737816



Lock with custom key (1-10)

71275101-10



Kit of 4 fastening screws (to use with 1m cod. 490333-4 kit pack)

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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## INSTALLATION DIMENSIONS (MM)



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

490125



30x20 mod.4 nylon rack with steel core (4 pcs pack, 1 m each) ♦

490333

## PINIONS



Pinion Z20 for rack

719167

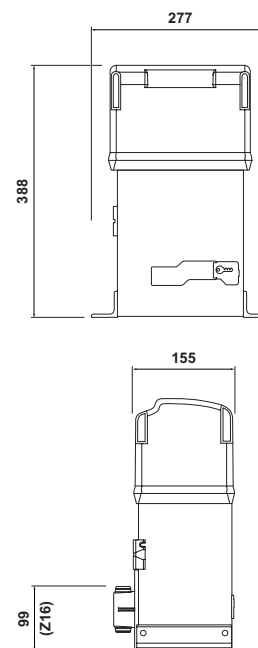


Pinion Z16 for rack

719130

## NOTE

♦ Max gate weight: 400kg.



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  
page 195