

844 E R

230V Gearmotor



Max. leaf weight

1.800 Kg

Max speed

9,5 - 12 m/min.

Use frequency

70 %

- 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 230V
system:**
844 E R + E145S



DIMENSIONS AND TECHNICAL SPECIFICATIONS

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

Model	844 E R Z16	844 R
Power supply voltage	220-240V~ 50/60 Hz	
Electric motor	Asynchronous single phase	
Max. power	660 W	
Max. torque	37 Nm (*)	
Max expressed force	1.160 N (*)	1.160 N (Z16) - 930 N (Z20) (*)
Reduction ratio	1:30	
Max. leaf width	40 m	40 m (Z16) 50 m (Z20)
Leaf speed	9.5 m/min	9.5 m/min (Z16) - 12 m/min (Z20)
Speed adjustment and motor control	No	
Limit switch	Magnetic	
Pinion	Z16 module 4	No
Encoder	Magnetic encoder	
Force adjustment	Twin-disk clutch in oil-bath and via board	
Operating ambient temperature	-20°C to +55°(+65°C at 50% frequency of use)	
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	1.800 Kg (Z16) - 1,000 Kg (Z20)
Use frequency	70%	
Electronic equipment	780D incorporated	Not included

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. 302

ELECTRONIC CONTROL UNITS



780D electronic control unit (incorporated in automation)
Info at page 154
63000710



578D electronic control unit (remote installation)
Info at page 152
790922



E145S control unit
Info at page 146
790076

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

>>

RACKS



Foundation plate with lateral and height adjustments
737816



Lock with custom key (1-10)
71275101-10



Kit of 4 fastening screws to be screwed in (package of 4 kits) to be combined with 1 m of 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

>>

INSTALLATION DIMENSIONS (MM)



Galvanised rack 30x8 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



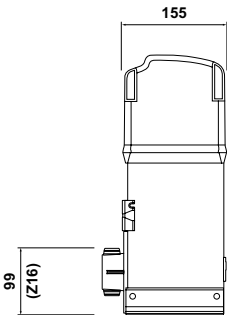
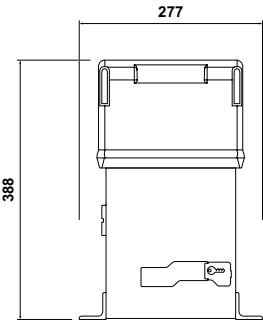
Pinion Z20 for rack
719167



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 186

Safety edges
page 197

Transmitters and receivers
page 178

Photocells and columns
page 194

Flashing lights
page 204

Various accessories
page 205