

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 + E145S



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
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 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. 333

ELECTRONIC CONTROL UNITS



780D electronic control unit (incorporated in automation)
Info at page 145

7909212



578D electronic control unit (remote installation)
Info at page 144

790922



E145S control unit
Info at page 138
New

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)



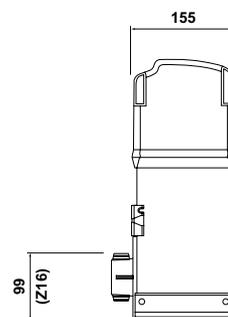
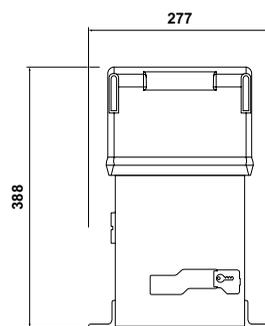
Galvanised rack 30x08 mod. 4 including mechanical fittings (4 pcs pack, 1 m each)

490125



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

490333



For any other configuration please refer to the technical manual

PINIONS



Pinion Z20 for rack

719167



Pinion Z16 for rack

719130

NOTE

♦ Max gate weight: 400kg.

OTHER ACCESSORIES

Key operated buttons
page 172

Safety devices
page 183

Transmitters and receivers
page 164

Photocells and columns
page 180

Flashing lights
page 191

Various accessories
page 192