

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

| 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 ÷ +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 | 1.800 Kg (Z16) - 1,000 Kg (Z20) |
| Use frequency | 70% | |
| Electronic equipment | 780D incorporated | Not included |

(*) 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 without electronic board, magnetic limit switches, release key, protective covers.

Typical Installation Examples page. 330

ELECTRONIC CONTROL UNITS



780D electronic control unit (incorporated in automation)
Info at page 143

63000710



578D electronic control unit (remote installation)
Info at page 142

790922



E145S control unit
Info at page 136

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

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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 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

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INSTALLATION DIMENSIONS (MM)



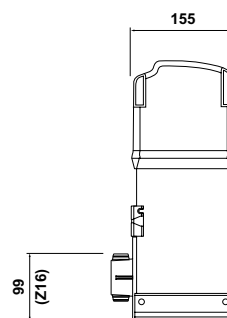
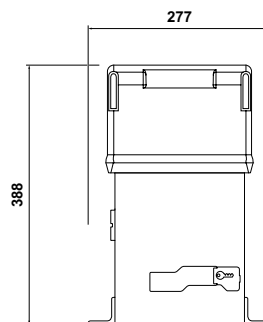
Galvanised rack 30x8 mod. 4 including mechanical fittings (4 pcs pack, 1 m each)

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 174

Safety edges
page 185

Transmitters and receivers
page 166

Photocells and columns
page 182

Flashing lights
page 191

Various accessories
page 192