



844 ER 3PH

400V Gearmotor



Max. leaf weight

1,600 - 2,200 Kg

Use frequency

70%

- New built-in E844 3PH control unit with encoder control and smooth acceleration/deceleration ramps
- Maximum anti-crushing safety by coupling the twin-disk oil-bath clutch with the electronic device and encoder.
- Inductive limit switch.
- Designed for height and side adjustable fastening.



DIMENSIONS AND TECHNICAL SPECIFICATIONS

Model	844 ER 3PH
Power supply voltage	380-415V~ 3PH+N 50/60 Hz
Electric motor	Asynchronous three phase
Max. power	950 W
Max. torque	62 Nm (*)
Max expressed force	2500 N (Z12) - 1900 N (Z16) - 1500 N (Z20) (*)
Reduction ratio	1:30
Max. leaf width	30 m (Z12) - 40m (Z16) - 50 m (Z20)
Leaf speed	7.2 m/min (Z12) - 9.5 m/min (Z16) - 12 m/min (Z20)
Speed adjustment and motor control	No
Limit switch	Inductive with metal sheet
Pinion	No
Encoder	No
Force adjustment	Twin-disk clutch in oil-bath
Operating ambient temperature	-20°C ÷ +55°C
Thermal protection	155°C
Protection class	IP44
Weight	15 Kg
Type of oil	FAAC HP OIL
Dimensions (LxDxH)	277 x 155 x 388 mm
Max. leaf weight	2.200 Kg (Z12) - 1.800 Kg (Z16) - 1.000 Kg (Z20)
Use frequency	70%
Electronic equipment	Built-in

(*) data referred to 400V ~ 50Hz.

FAMILY MODELS

Model	Item code
844 ER 3PH	109924

PACKS

844 ER 3PH includes: gearmotor designed for rack assembly without pinion and with electronic board E844 3PH, mechanical assembly limit switch plates, release key, protective covers.

Typical Installation Examples page. 331

ELECTRONIC CONTROL UNITS



E844 3PH electronic board (built into the motor)*
Info at page 144

202073

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



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

490122



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

490124

PINIONS



Pinion Z20 for rack

719167



Pinion Z16 for rack

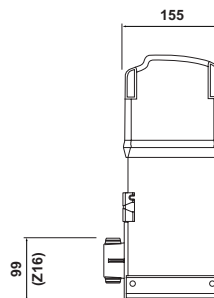
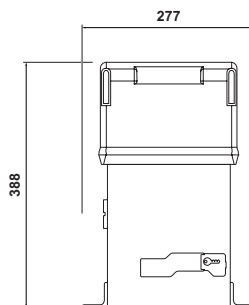
719130



Pinion Z12 for rack (max gate weight 2200 Kg) for 844 R 3PH

7191661

INSTALLATION DIMENSIONS (MM)



For any other configuration please refer to the technical manual

NOTE

◆ The E844 3PH electronic board, supplied inside the gearmotor, is compatible with model E-L-LM enclosures and can be controlled remotely if required

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
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