



844 R 3PH

400V Gearmotor



Max. leaf weight

1,600 - 2,200 Kg

Use frequency

70%

- 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 R 3PH
Power supply voltage	380-415V ~ 3 50/60 Hz
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	40 m (Z16) - 50 m (Z20)
Speed adjustment and motor control	No
Opening and closing 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) - 1,600 Kg (Z16)
Use frequency	70%
Electronic equipment	Not included

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

FAMILY MODELS

Model	Item code
844 R 3PH	109896

PACKS

844 R 3PH includes: a gearmotor designed for on-rack application without pinion and without electronic control unit, mechanical assembly limit switch metal sheets, release key, protective covers.

Typical Installation Examples page. 329

ELECTRONIC CONTROL UNITS



844T electronic control unit
Info at page 152
Discontinuing

790862

E844 3PH electronic control unit
Availability to be communicated

202073

>>



Foundation plate with lateral and height adjustments

737816



Lock with custom key (1-10)

71275101-10

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



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



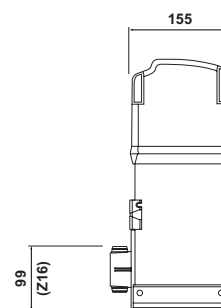
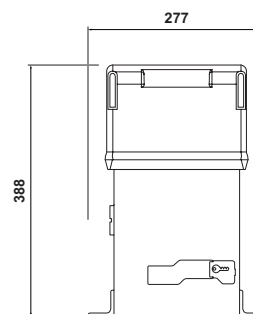
Pinion Z12 for rack (max gate weight 2200 Kg) for 844 R 3PH

7191661

NOTE

♦ The 844T electronic unit board is compatible with enclosure mod. E-L-LM and cannot be installed inside the gearmotor.

INSTALLATION DIMENSIONS (MM)



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