

844 ER

Gearmotor

for sliding gates with max weight of 1,800 kg

844 ER Z16 for rack applications

844 R for rack applications (without pinion)

844 R CAT for chain applications

844 R RF for chain applications
with idle transmission

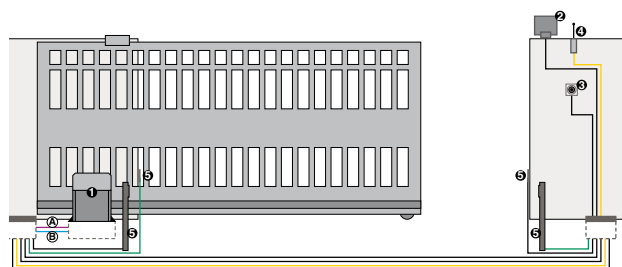


- Ideal for commercial and industrial applications.
- Anti-crushing safety.
- As the gearmotor is non reversing, no electric locks need to be installed.
- In the event of power failure, the key-operated release device makes it possible to open and close the gate manually.
- Twin-disk clutch in oil-bath.
- Inductive or magnetic limit switch (according to model).

DIMENSIONS AND TECHNICAL SPECIFICATIONS OF 844 ER

	ER Z16	R	R CAT	R RF		ER Z16	R	R CAT	R RF
Power supply voltage	230 Vac (+6% -10%) 50 (60) Hz				Protection class	IP 44			
Absorbed power	650 W				Type of oil	FAAC HP OIL			
Absorbed current	3.5 A				Gate speed	9.5 m/min (Z16)			
Traction and thrust force	0-110 daN (Z16)				Thermal protection on motor winding	120 °C			
Motor rotation speed	1400 r.p.m.				Electric motor	Single-phase, bi-directional			
Reduction ratio	1:30				Limit switch	Magnetic		Inductive	
Operating ambient temperature	-20 °C to +55 °C				Clutch	Twin-disk in oil-bath			
Weight with oil	14.5 kg				Dimensions (L x D x H) in mm	275 x 191 x 387			

EXAMPLE OF A TYPICAL INSTALLATION



■ (A) Low voltage cabling

- 4 cables 3x0.75
- 2 cables 2x0.50

■ (B) Power cabling (230V)

- 1 cable 2x1.5+T
- 1 cable 2x1.5

N.B: Cable sections in mm²

Ref.	Q.ty	Description	Item code	Price (euro)
①	1	Gearmotor 844 ER Z16 with built-in control board	109837	
	1	Foundation plate	737816	
	4 m	Galvanised rack 30x12 with weld-on fittings	490122	
④	1	Receiver RP 433 SLH	787824	
	1	Two-channel transmitter XT2 433 SLH	787003	
②	1	Flashing lamp FAACLIGHT	410013	
⑤	2	Pair of photocells FOTOSWITCH	785152	
	2	Aluminium columns for FOTOSWITCH	401028	
	2	Foundation plates for columns	737630	
⑥	1	Key-operated push-button T10	401010001/36	
	3	Plastic containers to be walled in	720086	
TOTAL				

Notes

ATTENTION: The configuration does not include the safety devices (i.e.: active or passive safety edges) that are to be determined according to the specific "risk analysis" of each installation (Ref.: UNI-EN 12445 and 12453 European Standards).

- The indicated price does not include the installation costs and the expenses for masonry, electrical and metalwork preparations.

844 ER

Model	Use		Control unit	Item code	Price (euro)
	Max. weight (kg)	Use frequency (%)			
844 ER Z16	1,800	70	built-in 780 D	109837	
844 R	-	70	not included	109838	
844 R CAT (*)	-	70	not included	109839	
844 R RF (*)	-	70	not included	109895	

The package 844 ER Z16, designed for on-rack applications, includes: a gearmotor with pinion and control board 780D, limit switch magnets, release key, screw cover. **The package 844 R**, designed for on-rack applications, includes: a gearmotor without pinion and without control board, limit magnets, release key, screw cover. **The package 844 R CAT**, designed for on-chain applications, includes: a gearmotor without pinion and without control board, limit plates for mechanical assembly, release key, screw cover. **The package 844 R RF**, designed for on-chain applications, includes: a gearmotor with idle transmissions without pinion and without control board, Limit plates for mechanical assembly, release key, screw cover.

CONTROL UNITS



Control board 578 D (remote installation)
Technical specifications page 153

Item code 790922
Price (euro)



Control board 780 D
Technical specifications page 153



Enclosure mod. L for control boards

Item code 720118
Price (euro)



Enclosure mod. E for control boards

Item code 720119
Price (euro)

SPECIFIC ACCESSORIES



Enclosure mod. LM for control boards

Item code 720309
Price (euro)



Foundation plate with side and height adjustments

Item code 737816
Price (euro)



Release lock with customised key from no. 1 to no. 36

Item code from 712751 to 712786
Price (euro)



Rack and chain
See page 90



Pinion Z16 for rack

Item code 719130
Price (euro)



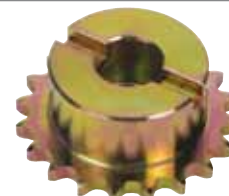
Pinion Z20 for rack

Item code 719167
Price (euro)



Pinion Z16 for chain

Item code 719137
Price (euro)



Pinion Z20 for chain

Item code 719135
Price (euro)

Notes

(*) IMPORTANT: Do not use the gearmotor for applications where it is secured at heights that users cannot reach. The key-operated release device cannot be remotely controlled.



Key-operated push-buttons
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Photocells and Columns
page 189



Safety devices
page 191



Flashing lamps
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Transmitters
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Various accessories
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