

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

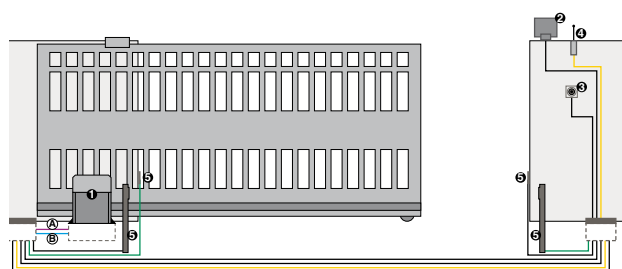


- Ideal for commercial and industrial applications.
- Anti-crushing safety.
- As the gearmotor is non reversing, no electric locks need to be installed.
- In the event of power failure, the key-operated release device makes it possible to open and close the gate manually.
- Twin-disk clutch in oil-bath.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



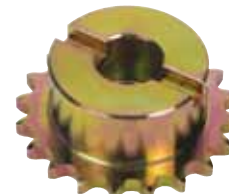
Pinion Z20 for rack

Item code 719167
Price (euro)



Pinion Z16 for chain

Item code 719137
Price (euro)



Pinion Z20 for chain

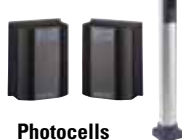
Item code 719135
Price (euro)

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
page 185



Photocells and Columns
page 189



Safety devices
page 191



Flashing lamps
page 193



Transmitters
page 182



Various accessories
page 194

884 MC 3PH

Gearmotor

for sliding gates with max weight of 3,500 kg

- Ideal for heaviest industrial gates with intensive use.
- Braking device, that guarantees reduced stop spaces and keeps the gate closed, thus making it unnecessary to install electric locks.
- In the event of power failure, the key-protected lever-operated release device makes it possible to open and close the gate manually.
- Twin-disk clutch in oil-bath.
- Base with levelling screws.
- Steel housing protected by cathoporesis treatment and polyester paint.

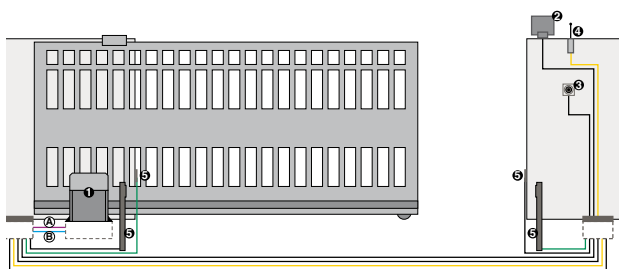


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DIMENSIONS AND TECHNICAL SPECIFICATIONS OF 884 MC 3PH

Power supply voltage	400 V 3ph (+6% -10%) 50 (60) Hz	Protection class	IP 55
Absorbed power	850 W	Type of oil	FAAC HP OIL
Absorbed current	1.6 A(400V)	Gate speed	10 m/min (Z16)
Torque	from 0 to 155 Nm	Limit switch	with lever and roller microswitch
Motor rotation speed	1400 r.p.m.	Clutch	Twin-disk in oil-bath
Reduction ratio	1:43.2	Dimensions (L x D x H) in mm	430 x 310 x 586
Operating ambient temperature	-20 °C to +55 °C		
Weight	50 kg		

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	Three-phase gearmotor 884 MC	109885	
	1	Foundation plate	737628	
	1	Pinion Z16 module 6	719169	
	4 m	Galvanised rack 30x30 mod. 6	719328	
	1	Package with corner fitting for securing the rack	722123	
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	
⑥	2	Aluminium columns for FOTOSWITCH	401028	
	2	Foundation plates for columns	737630	
③	1	Key-operated push-button T 10	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.

884 MC 3PH

Model	Use		Control unit	Item code	Price (euro)
	Max. weight (kg)	Use frequency (%)			
884 MC 3PH	3,500	100% (up to 2,000 kg) 50% (over 2,000 kg)	built-in 884T	109885	

The package includes: a gearmotor designed for on-rack application without pinion and with control unit 884 T, limit counter-plates.

CONTROL UNITS



Built-in control board 884 T
Technical specifications page 154

SPECIFIC ACCESSORIES



Foundation plate
(6 pcs package)

Item code 737628
Price (euro)



Pinion Z16 module 6
with protection for rack

Item code 719169
Price (euro)



Galvanised rack 30x30
module 6 (length 1 m)

Item code 719328
Price (euro)

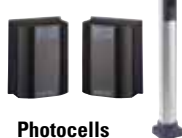


Package with corner fitting for
securing the rack (3 pcs.)

Item code 722123
Price (euro)



Key-operated
push-buttons
page 185



Photocells
and Columns
page 189



Safety
devices
page 191



Flashing lamps
page 193



Transmitters
page 182



Various
accessories
page 194