

# 415 230V

## 230V Electromechanical operator



Max width single leaf

2,5 - 4 m (with electric lock)

Use frequency

S3 - 30%



- "In-axis" thrust operator.
- Available in versions with a 300 mm (max leaf 3 m) and 400 mm (max leaf 4 m) rod stroke.
- Horizontal exit for cables to allow near to ground installation (low installation).



**230V SAFEzone system:**  
415 230V + E045S or E145S + SAFEcoder



**GREENtech 230V system:**  
415 230V + E045S or E145S



### DIMENSIONS AND TECHNICAL SPECIFICATIONS

Model	415	415 L
Power supply voltage	220-240V~ 50/60 Hz	
Electric motor	Asynchronous single phase	
Max. power	300 W	
Max expressed force	3000 N (*)	
Rod max speed	16 mm/s (*)	
Rod travel	300 mm	400 mm
Max. leaf opening angle	110°	
Operating ambient temperature	-20°C ÷ +55°C	
Thermal protection	140°C	
Protection class	IP54	
Weight	7.8 Kg	8 Kg
Use frequency	S3 - 30%	
Max. leaf width	2.5 m (3 m with electric lock)	3 m (4 m with electric lock)
Mounting brackets	Rear attachment to be welded/screwed - front attachment to be welded	
Dimensions (LxDxH)	836 x 101 x 147 mm	942 x 101 x 148 mm
Electronic equipment	Not included	

(\*) data referred to 230V~ 50Hz.

## FAMILY MODELS

Model	Item code
415	104415
415 L	104417

## PACKS

**415 230V includes:** an electro-mechanical operator, installation accessories, a release key, a 400V 8 $\mu$ F thrust capacitor.

Typical Installation Examples page. 321

## ELECTRONIC CONTROL UNITS



E145S control unit  
Info at page 136

790076



E045S control unit  
Info at page 134

790077

## 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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Plate to be walled

737604



SAFEcoder BUS  
magnetic absolute  
encoder  
(FAAC Patent)

404040



BUS XIB interface  
(for E045 or E045S or  
E024S boards with  
photo cell no BUS)

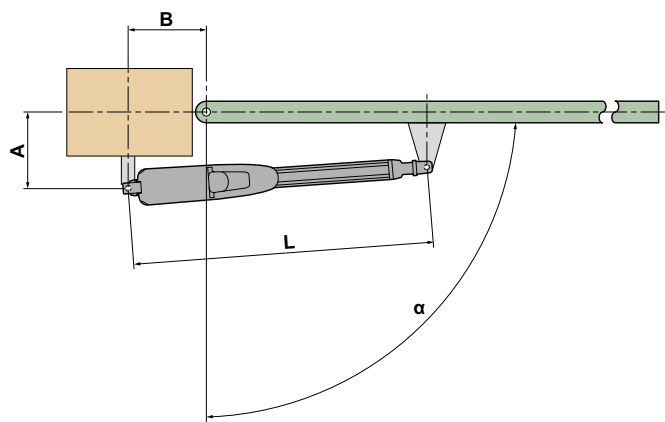
790062



Shaft cover for mod.  
415 with rod stroke  
300 mm

727525

## INSTALLATION DIMENSIONS (MM)



	$\alpha$	A	B	L
415	90°	145	145	1110
	110°	120	135	
415 L	90°	195	195	1290
	110°	170	170	

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