

# presents

## Electro-mechanical operators for swing gates

### 413

	413	413 LS	413-24 Vdc	413 LS-24 Vdc
Power supply	230 Vac		24 Vdc	
Absorbed power	250 W		70 W	
Absorbed current	1,1 A		3 A	
Thermal protection	140° C		-	
Starting capacitor	6,3 µF		-	
Thrust force	200 daN		250 daN	
Piston rod length	300 mm (350 mm without mechanical stops)			
Rod extension speed	1,6 cm/sec			
Single leaf max length	2,5 m			
Type and use frequency at 20° C	S3 - 30%	S3 - 35%	100%	
Minimum cycles/hour at 20° C	~ 25		~ 75	
Operating ambient temperature	-20° C ÷ +55° C			
Operator weight	6,5 Kg			
Dimensions	785 x 100 x 155			
Protection class	IP 44			
Limit switches	NO	YES	NO	YES
Opening and closing mechanical stops	YES			

marka.bo.it

# FAAC

### 415

	415	415LS	415L	415L LS	415-24Vdc	415 LS-24Vdc	415L 24Vdc	415L LS 24Vdc
Power supply	230 Vac				24 Vdc			
Absorbed power	300 W				70 W			
Absorbed current	1,3 A				3 A			
Thermal protection	140° C				-			
Starting capacitor	8 µF				-			
Thrust force	300 daN				280 daN			
Piston rod length	300 mm		400 mm		300 mm		400 mm	
Rod extension speed	1,6 cm/sec							
Single leaf max length	3 m		4 m *		3 m		4 m *	
Type and use frequency at 20° C	S3-30%	S3-35%	S3-30%	S3-35%	100%			
Minimum cycles/hour at 20° C	~ 30		~ 25		~ 100		~ 75	
Operating ambient temperature	-20° C ÷ +55° C							
Operator weight	7,8 Kg		8 Kg		7,8 Kg		8 Kg	
Dimensions (LxWxD) in mm	835x105x148		940x105x148		835x105x148		940x105x148	
Protection class	IP 44							
Limit switches	NO	YES	NO	YES	NO	YES	NO	YES

\*For leaves exceeding the length of 3 m (each leaf) an electric lock is necessary

908101004 - Rev. 10 - Chnchio - 3.000 - 03/2005 - The descriptions and illustrations contained in the present brochure are not binding. FAAC reserve the right to undertake product technical modifications without prior notice.

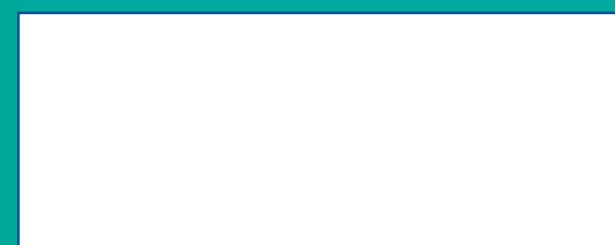
# 413

# 415



## FAAC

FAAC S.p.A. via Benini, 1  
40069 Zola Predosa - Bologna (Italia)  
tel. +39 051 61724 • fax +39 051 758518  
www.faacgroup.com



## electro-mechanical operator for swing gates with single-leaf length of 2,5 m models 230 vac and 24 vdc with and without limit switch



- Operator with "OFF-AXIS" thrust
- Aluminium body completely double coated guaranteeing a higher resistance to atmospheric agents
- Coupling of the half-bodies by gasket
- Worm screw in stainless steel
- Bronze transmission crown gear
- Built-in mechanical stop for opening and closing



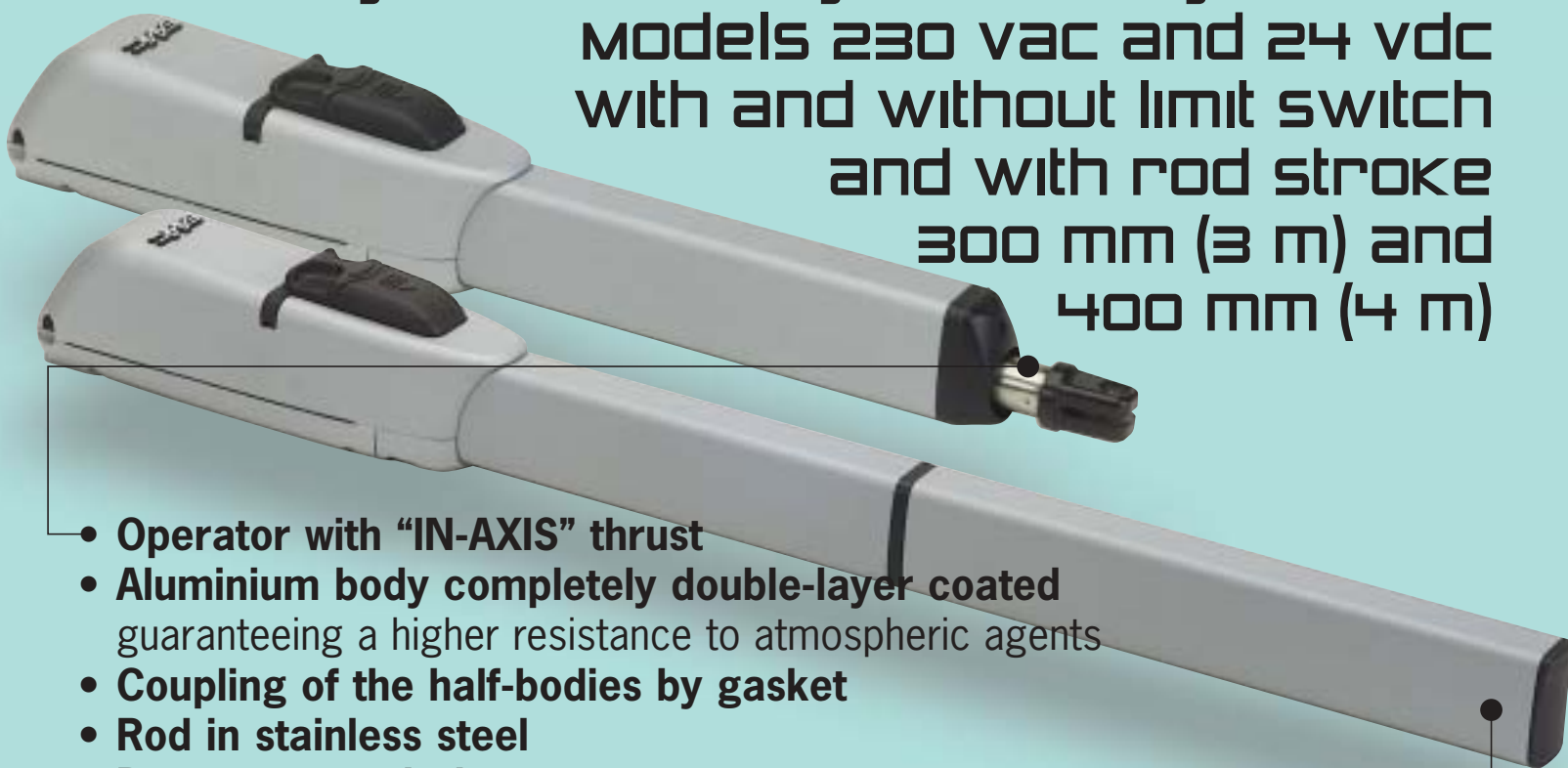
- Release device - key protected and easy to operate
- Numbered locks 1-36 (optional)



- Opening - closing Limit switch (mod. LS) 24 Vdc power supplied to guarantee the highest security
- Management of the limit switches: stops and deceleration
- Easy adjustment through access from the top
- Horizontal cable exit for installations close to the ground
- Predisposition for the use of the "Gatecoder" deceleration kit



## electro-mechanical operator for swing gates with single-leaf length of 4 m models 230 vac and 24 vdc with and without limit switch and with rod stroke 300 mm (3 m) and 400 mm (4 m)



- Operator with "IN-AXIS" thrust
- Aluminium body completely double-layer coated guaranteeing a higher resistance to atmospheric agents
- Coupling of the half-bodies by gasket
- Rod in stainless steel
- Bronze transmission crown gear
- Rod protective housing (optional for the models 300 mm)



- Release device - key protected and easy to operate
- Numbered locks 1-36 (optional)



- Opening - closing Limit switch (mod. LS) 24 Vdc power supplied to guarantee the highest security
- Management of the limit switches: stops and deceleration
- High precision micrometric limit switches, frontal adjustment



- Horizontal cable exit for installations close to the ground
- Predisposition for the use of the "Gatecoder" deceleration kit

