

230V Hydraulic operator



Max width single leaf

2,2 - 7 m (with electric lock)

Use frequency (cycles/hour)

50 - 70



- Key-protected, release device
- Extremely silent movement.
- Hydraulic lock resistant to intrusion attempts (mod. CBC - CBAC).



230V SAFEzone system:
400 + E045S or E145S
+ SAFEcoder



GREENtech 230V system:
400 + E045S or E145S



DIMENSIONS AND TECHNICAL SPECIFICATIONS

Model	400 CBC	400 SB	400 SBS	400 CBAC	400 CBAC L	400 SBS L
Power supply voltage	220-240V~ 50/60 Hz					
Electric motor	Asynchronous single phase					
Max. power	220 W					
Max expressed force	6200 N (*)		7750 N (*)	6200 N (*)	4650 N (*)	7750 N (*)
Rod max speed	10 mm/s (*)		7,5 mm/s (*)	10 mm/s (*)	15 mm/s (*)	7,5 mm/s (*)
Motor-pump unit capacity	1 lpm (*)		0,75 lpm (*)	1 lpm (*)	1,5 lpm (*)	0,75 lpm (*)
Rod travel	270 mm		390 mm			
Max. leaf opening angle	125°					
Operating ambient temperature	-20°C ÷ + 55°C					
Thermal protection	120°C					
Protection class	IP55					
Weight	8.6 Kg		10 kg			
Use frequency	70 cycles/hour		60 cycles/hour	70 cycles/hour	50 cycles/hour	40 cycles/hour
Max. leaf width	2.20 m	4,00 m (with electric lock)	7,00 m (with electric lock)	2.20 m		7,00 m (with electric lock)
Type of oil	FAAC HP OIL					
Mounting brackets	Rear attachment to be welded/screwed - front attachment to be welded					
Dimensions (LxDxH)	1034 x 85 x 119 mm			1277 x 85 x 119 mm		
Electronic equipment	Not included					

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

FAMILY MODELS

Model	Item code
400 CBC	104205
400 SB	104206
400 SBS	104203
400 CBAC	104201
400 CBAC L	104202
400 SBS L	104220

PACKS

400 includes: a hydraulic operator with hydraulic lock in closing (**400 CBC**), without lock (**400 SB**), without hydraulic block for heavy leaves (**400 SBS and 400 SBS L**), a hydraulic operator with hydraulic lock in opening/closing (**400 CBAC and CBAC L**), installation accessories, a release key, a 400V 8 μ F thrust capacitor.

Typical Installation Examples page. 324

ELECTRONIC CONTROL UNITS



E045S control unit
Info at page 134

790077



E145S control unit
Info at page 136

790076

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



Joint for RTA sheath

710010



SAFEcoder BUS
magnetic absolute
encoder
(FAAC Patent)

404040



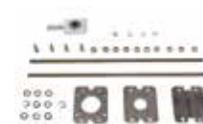
BUS XIB interface
(for E045 or E045S or
E024S boards with
photocell no BUS)

790062



Release lock with
customised key

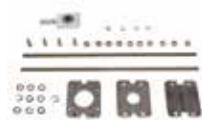
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Positive Stop -
mechanical stops op/cl
(can be integrated on
mod. 400)

490042

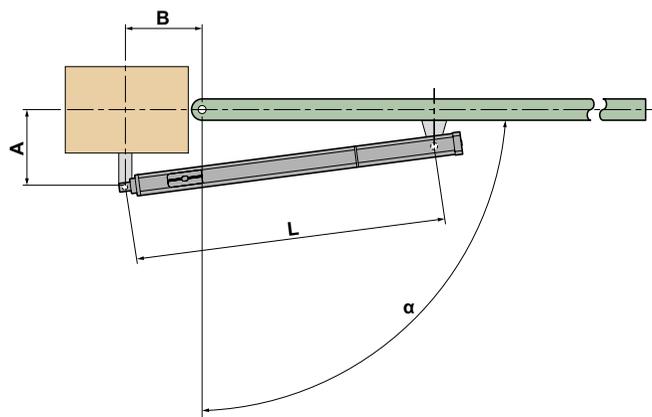
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Positive Stop -
mechanical stops op/cl
(can be integrated on
mod. 400 CBAC L)

490043

INSTALLATION DIMENSIONS (MM)



	α	A	B	L
400	90°	130	130	960
	115°	100	120	
	125°	90	120	
400 L	90°	200	160	1200
	115°	170	160	
	125°	130	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