

## 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).



**SAFEzone system:**  
400 + E045 or E145 +  
SAFEcoder



**GREENTech system:**  
400 + E045 or E145



### 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					
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 opening/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 $\mu$ F thrust capacitor.

Typical Installation Examples page. 324

## ELECTRONIC CONTROL UNITS



E045 electronic control unit  
Info at page 142

790005



E145 electronic control unit  
Info at page 144

790006

## 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 welded

737604



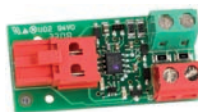
Joint for RTA sheath

710010



SAFEcoder BUS magnetic absolute encoder (FAAC Patent)

404040



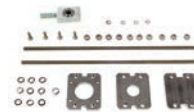
BUS XIB interface (for E045 or E024S control unit with non BUS photocell)

790062



Release lock with customised key

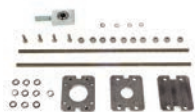
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Positive Stop - mechanical stops op/cl (can be integrated on mod. 400)

490042

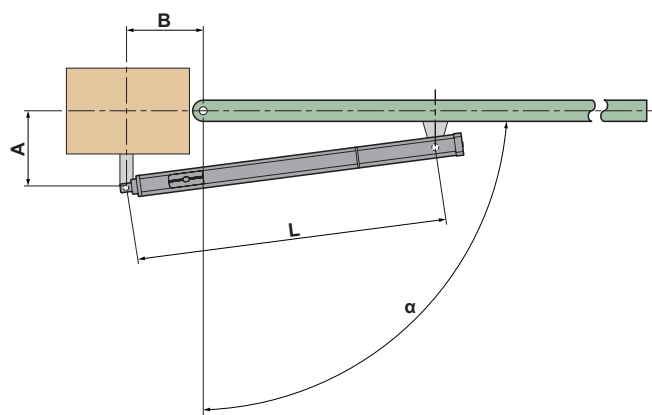
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Positive Stop - mechanical stops op/cl (can be integrated on mod. 400 CBAC L)

490043

## INSTALLATION DIMENSIONS (MM)



	$\alpha$	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 devices  
page 186

Transmitters and receivers  
page 166

Photocells and columns  
page 183

Flashing lights  
page 194

Various accessories  
page 195