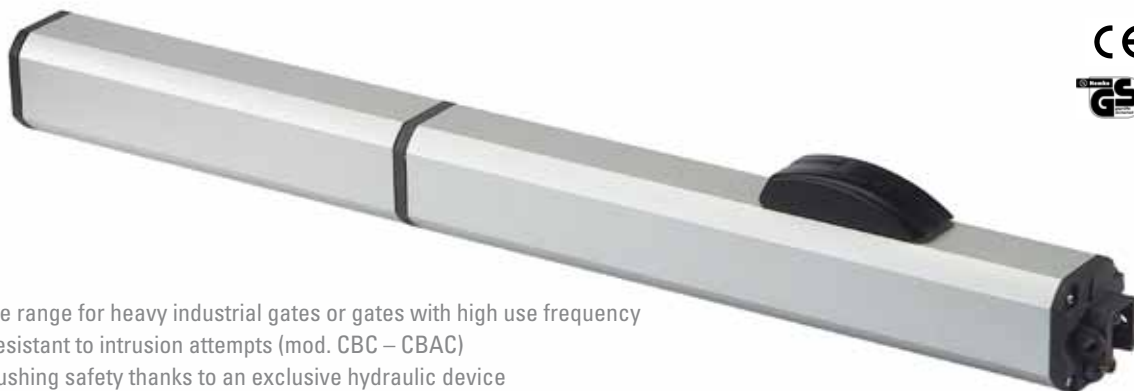


Hydraulic operator

for condominium and industrial swing-leaf gates

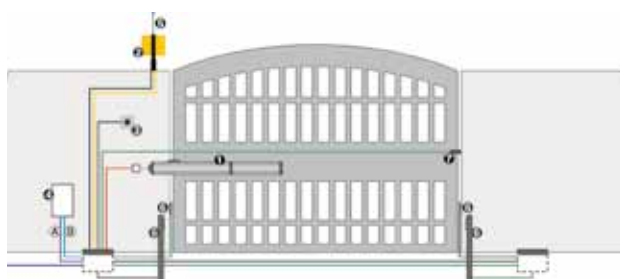


- Wide and versatile range for heavy industrial gates or gates with high use frequency
- Hydraulic block resistant to intrusion attempts (mod. CBC – CBAC)
- Maximum anti-crushing safety thanks to an exclusive hydraulic device
- Very silent movement
- Key-protected release device

DIMENSIONS AND TECHNICAL SPECIFICATIONS OF 400

	400 CBC	400 CBAC	400 SB	400 SBS	400 CBACR	400CBAC LN	400 SB LN
Power supply voltage	230 Vac (+6% -10%) 50 (60) Hz						
Absorbed power	220 W						
Absorbed current	1 A						
Motor rotation speed	1400 r.p.m.						
Rod extension speed	1 cm/s		0.75 cm/s		1.5 cm/s		
Pump flow rate	1 l/min		0.75 l/min		1.5 l/min		
Traction and thrust force	0 to 620 daN		0 to 775 daN		0 to 465 daN		
Operating ambient temperature	-20 °C to +55 °C						
Thermal protection on motor winding	120 °C						
Weight	8.6 kg					10 kg	
Type of oil	FAAC HP OIL						
Protection class	IP 55						
Dimensions (L x D x H) in mm	1,031 x 113 x 85 mm - long version 1,285 x 113 x 85 mm						

EXAMPLE OF A TYPICAL INSTALLATION



■ (A) Low voltage cabling

- 3 cables 3x0.50
- 1 cable 2x0.50

■ (B) Power cabling (230 V)

- 2 cables 3x1.50+T
- 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	Operator 400 SBS	104203	
4	1	Control board 452 MPS	790916	
4	1	Enclosure mod. L	720118	
5	1	Receiver RP 433 SLH	787824	
	1	Two-channel transmitter XT2 433 SLH	787003	
2	1	Flashing lamp FAACLIGHT	410013	
6	2	Pair of FOTOSWITCH photocells	785152	
6	2	Aluminium columns for FOTOSWITCH	401028	
	2	Foundation plates for columns	737630	
5	1	Key-operated push-button T10	401010001/36	
	3	Plastic enclosure to be walled in	720086	
7	1	Electric lock	712650+ 712651001/36+ 712652001/36	
	1	Pillar mounted counter strike	712990	
TOTAL				

Notes

IMPORTANT: 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.

400

Model	Use		Control unit	Item code	Price (euro)
	Single-leaf max. width (m)	Use frequency (cycles/hour)			
400 CBC	2.20	70	Not included	104205	
400 SB	4.00	70	Not included	104206	
400 SBS	7.00	60	Not included	104203	
400 CBAC	2.20	70	Not included	104201	
400 CBACR	2.20	80	Not included	104207	
400 CBAC long	2.20	50	Not included	104202	
400 SB long	2.50	50	Not included	104204	

The 400 packages contain: a hydraulic operator with closing hydraulic block (400 CBC), without hydraulic block (400 SB and SB LN), without hydraulic block for heavy or panelled leaves (400 SBS), a hydraulic operator with hydraulic block at opening/closing (400 SBAC and CBAC LN), a hydraulic operator with hydraulic block at opening and closure, with faster activation speed (400 CBACR), installation accessories, a release key, a thrust capacitor 8 μ F 400 V.

CONTROL UNITS



Control board 452 MPS
Technical specifications page 148

Item code 790916
Price (euro)



Control board 455 D
Technical specifications page 149

Item code 790917
Price (euro)



Control board 462 DF
Technical specifications page 150

Item code 790918
Price (euro)

Enclosure mod. L for control boards

Item code 720118
Price (euro)

Enclosure mod. E for control boards

Item code 720119
Price (euro)

Enclosure mod. LM for control boards

Item code 720309
Price (euro)

SPECIFIC ACCESSORIES



Union for sheath RTA

Item code 710010
Price (euro)



Plate for walling-in

Item code 737604
Price (euro)



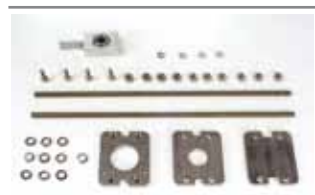
Release lock with customised key from no. 1 to no. 36

Item code 712501001 to 712501036
Price (euro)



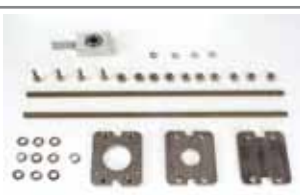
Gatecoder obstacle detection kit (with reversing function)
Technical specifications page 161

Item code 104485
Price (euro)



Positive Stop - mechanical stops at opening/closing (can be integrated on the 400 mod.)

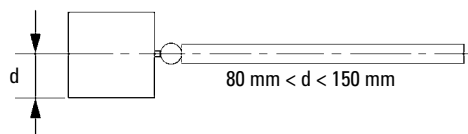
Item code 490042
Price (euro)



Positive Stop - mechanical stops at opening/closing (can be integrated on the long 400 mod.)

Item code 490043
Price (euro)

FIG. 1



Notes

- An electric lock should be installed for operators without a block facility.
- Use the 400 long models to avoid niches on the masonry pilasters (FIG.1).
- The operator with block facility is not recommended when there is no access to the manual release device (panelled leaves or no other access to the property).

OTHER ACCESSORIES



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