

# Hydraulic operator

for residential swing-leaf gates  
with single-leaf max width of 1.8 m (402 CBC)  
and 3 m (402 SBS)

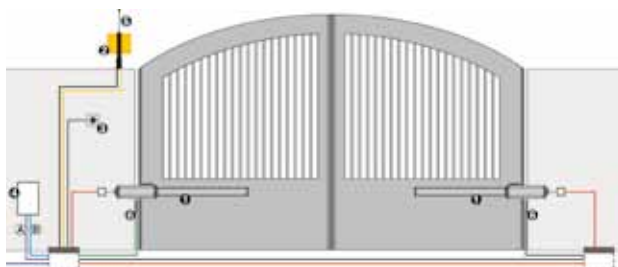


- Highly compact, ideal for installations where space is at a premium.
- Maximum anti-crushing safety thanks to an exclusive hydraulic device.
- Anti-corrosion cover with high weather resistance.
- Versions CBC (with closing block) and SBS (without slow block).

## DIMENSIONS AND TECHNICAL SPECIFICATIONS OF 402

	402 CBC	402 SBS		402 CBC	402 SBS
Power supply voltage	230 Vac 50 (60) Hz		Operating ambient temperature	-20 °C to +55 °C	
Absorbed power	220 W		Thermal protection on motor winding	120 °C	
Absorbed current	1 A		Weight	6.5 kg	
Motor rotation speed	1400 r.p.m.		Type of oil	FAAC HP OIL	
Rod extension speed	1.3 cm/s	1 cm/s	Protection class	IP 55	
Pump flow rate	1 l/min	0.75 l/min	Dimensions (L x D x H) in mm	959 x 85 x 61	
Traction and thrust force	0 to 500 daN	0 to 690 daN			

## 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 mm<sup>2</sup>

Ref.	Q.ty	Description	Item code	Price (euro)
	2	Operator 402 CBC	104468	
	1	Control board 452 MPS	790916	
	1	Enclosure mod. E	720119	
④	1	Receiver board RP 433 SLH	787824	
	1	Two-channel transmitter XT2 433 SLH	787003	
②	1	Flashing lamp FAACLIGHT	410013	
⑤	1	Pair of photocells SAFEBEAM	785165	
③	1	Key-operated push-button T10 E	401019001/36	
<b>TOTAL</b>				

### 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.

## 402

Model	Use		Item code	Price (euro)
	Single-leaf max. width (m)	Use frequency (cycles/hour)		
402 CBC	1.80	55	104468	
402 SBS	3.00	55	104474	

**The 402 CBC package includes:** a hydraulic operator with closing hydraulic block, installation accessories, a triangular release key, a thrust capacitor 8  $\mu$ F 400 V.

**The 402 SBS package includes:** a hydraulic operator without closing hydraulic block, installation accessories, a triangular release key, a thrust capacitor 8  $\mu$ 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



**Plate for walling-in**

Item code 737604  
Price (euro)



**Extra triangular release key (2 pc. package)**

Item code 713002  
Price (euro)



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

Item code 104485  
Price (euro)



**Union for sheath RTA**

Item code 710010  
Price (euro)

### Notes

- An electric lock should be installed for operators without a block facility.

## 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