

422 - 422 ped.

Hydraulic operator

for residential and condominium swing-leaf gates with single-leaf max width of 1.8 m (422 CBC-CBCS-CBAC-CBACS) and 3 m (422 SB-SBS) with single pedestrian leaf width from 0.8 m to 1.2 m (422 PED CBC-SB)

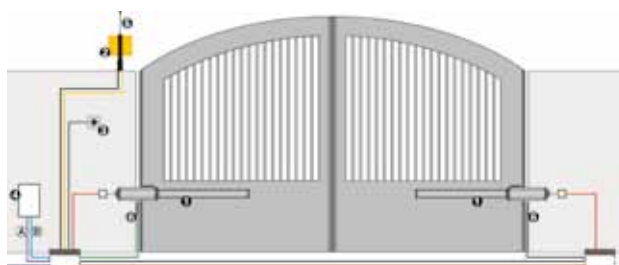


- A wide versatile range.
- Maximum anti-crushing safety thanks to an exclusive hydraulic device.
- Anti-corrosion cover with high weather resistance.
- Key protected, release device.

DIMENSIONS AND TECHNICAL SPECIFICATIONS OF 422 - 422 PED.

	422 CBC	422 CBAC	422SB	422 CBCS	422 CBACS	422 SBS	422 PED. CBC	422 PED. SB
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	1.3 cm/s			1 cm/s		2 cm/s		
Pump flow rate	1 l/min			0.75 l/min		1.5 l/min		
Traction and thrust force	0 to 500 daN			0 to 690 daN		0 to 380 daN		
Operating ambient temperature	-20 °C to +55 °C							
Thermal protection on motor winding	120 °C							
Weight	7 kg							
Type of oil	FAAC HP OIL							
Protection class	IP 55							
Dimensions (L x D x H) in mm	987 x 120 x 85 mm - pedestrian 827 x 120 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	2	Operator 422 CBCS	104208	
④	1	Control board 452 MPS	790916	
④	1	Enclosure mod. L	720118	
	1	Receiver board RP 433 SLH	787824	
	1	Two-channel transmitter XT2 433 SLH	787003	
	1	Flashing lamp FAACLIGHT	410013	
⑥	1	Pair of photocells SAFEBEAM	785165	
⑧	1	Key-operated push-button T10 E	401019001/36	
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.

422 - 422 PED.

Model	Use		Item code	Price (euro)
	Single-leaf max. width (m)	Use frequency (cycles/hour)		
422 CBCS	1.80	55	104208	
422 CBACS	1.80	55	104209	
422 SBS	3.00	55	104210	
422 CBC	1.80	55	104211	
422 CBAC	1.80	55	104200	
422 SB	3.00	55	104212	
422 PED. CBC	1.20 (min 0.80)	70	104213	
422 PED. SB	1.20 (min 0.80)	70	104214	

The **422 packages contain:** a hydraulic operator with closing hydraulic block (**422 CBC-CBCS**), with opening/closing hydraulic block (**422 CBAC-CBACS**), without block (**422 SB-SBS**), installation accessories, a release key, a thrust capacitor 8 µF 400 V.

The **422 PEDESTRIAN CBC-SB packages contain:** a hydraulic operator for pedestrian crossings with hydraulic block at closure (**422 PED.CBC**), without hydraulic block (**422 PED. SB**), installation accessories, a release key, a thrust capacitor 8 µF 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. LM for control boards

Item code 720309
Price (euro)

Enclosure mod. L for control boards

Item code 720118
Price (euro)

Enclosure mod. E for control boards

Item code 720119
Price (euro)

SPECIFIC ACCESSORIES



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)

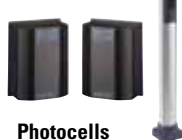
Notes

- 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