

Low-voltage gearmotor

for residential sliding gates with max weight of 400 kg (C720)
- 800 kg (C721)

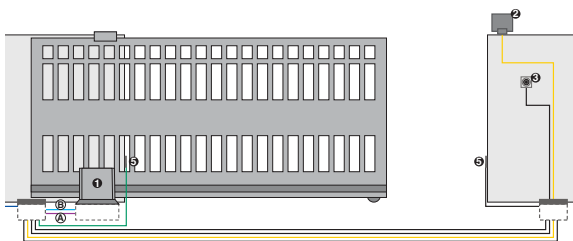


- Residential use (C720), commercial use (C721).
- New mobile-axis reduction principle.
- **FAAC PATENT**
- Exceptionally high mechanical performance >80%.
- Control unit with anti-crushing device and electronic encoder with reverse function upon detection of obstacle.
- Magnetic limit switches.
- Master-Slave function for controlling 2 opposing leaves with an E721 board.

DIMENSIONS AND TECHNICAL SPECIFICATIONS OF C720

	C720	C721		
Power supply voltage	230 Vac 50 Hz		Pinion	Z28 module 4
Motor power supply	24 Vdc		Gate speed	18 m/min
Power	220 W	290 W	Operating ambient temperature	-20 °C to +55 °C
Absorbed current	7 A	12 A	Weight	8 kg
Electric motor	3200 r.p.m.	3.600 r.p.m.	Limit-switch	Magnetic
Max. torque	18 Nm	30 Nm	Protection class	IP 44
Thrust on gate	320 N	530 N	Dimensions (L x D x H) in mm	300 x 180 x 280

EXAMPLE OF A TYPICAL INSTALLATION



■ (A) Low voltage cabling

- 3 cables 3x0.75
- 1 cable 2x0.50

■ (B) Power cabling (230 V)

- 1 cable 2x1.5+T
- 1 cable 2x1.5

N.B: Cable sections are in mm²

Ref	Q.ty	Description	Item code
1	1	Gearmotor C720 - 24 Vdc with electronic control unit incorporated and foundation plate	109320
	4 m	Galvanised rack 30x8 with weld-on fittings	490123
	1	Frequency module XF 433	319006
	1	Two-channel transmitter XT2 433 SLH LR	787007
2	1	Flashing lamp FAACLIGHT - 24 Vdc	410014
5	1	Pair of photocells SAFEBEAM	785165
6		Key-operated push-button T10 E	401019001/36

Notes

ATTENTION: 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.

C720 - C721

Model	Use		Electronic control unit	Item code
	Max weight (kg)	Frequency of use (%)		
C720 - 24 V dc	400	Continuous use	E720 incorporated	109320
C721 - 24 V dc	800	Continuous use	E721 incorporated	109321

The package for model C720 - 24 V dc includes: a low-voltage electro-mechanical operator with control unit E 720, pinion for rack, release key, foundation plate.

CONTROL UNITS



Control board E720 and E721 incorporated
Technical specifications page 144

SPECIFIC ACCESSORIES



Galvanised rack 30x12 mod. 4 with weld-on fittings (4 m package)

Item code 490122



Galvanised rack 30x8 mod. 4 with weld-on fittings (4 m package)

Item code 490123



Nylon rack with steel reinforcement 30x20 and installation accessories (4 m package) gate max. weight 400 kg

Item code 4901204



Release lock with customised key from no. 1 to no. 36 (*)

Item code from 712501001 to 712501036



Flashing lamp Faalight 24 V dc

Item code 410014



Emergency battery kit XBAT 24 (not for E 124)

Item code 390923



Receiver XF433 Mhz
Receiver XF868 Mhz

Code XF433 319006
Code XF868 319007

Galvanised rack 30 x 12 mod. 4 with fittings to be mechanically secured (4m package)

Item code 490124

Galvanised rack 30 x 8 mod. 4 with fittings to be mechanically secured (4m package)

Item code 490125

Customised release lock kit (10 pcs. package)

Item code 424002

OTHER ACCESSORIES



Key-operated push-buttons page 159



Photocells and Columns page 163



Safety devices page 166



Flashing lamps page 167



Transmitters page 156



Various accessories page 168