

740 - 741

Gearmotor

for residential sliding gates with max weight of 500 kg (740) and 900 kg (741)

CE

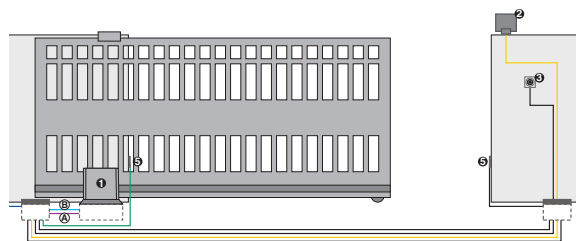
- Quick and easy installation thanks to the built-in, prewired control unit.
- Anti-crushing protection is ensured by an electronic device directly controlling drive torque.
- As the gearmotor is non reversing, no electric locks need to be installed.
- In the event of power failure, the rotation of the key protected release device makes it possible to open and close the gate manually.
- Simplified "on display" programming.
- Magnetic limit switch.



DIMENSIONS AND TECHNICAL SPECIFICATIONS OF 740 - 741

	740 E Z16	741 E Z16		740 E Z16	741 E Z16
Power supply voltage	230 Vac 50 (60) Hz		Reduction ratio	1:25	
Absorbed power	350 W	500 W	Leaf max. weight	500 kg	900 kg
Absorbed current	1.5 A	2.2 A	Sliding speed	12 rpm (pinion Z16)	
Traction and thrust force	45 daN	65 daN	Operating ambient temperature	-20 °C to +55 °C	
Motor rotation speed	1400 rpm		Protection class	IP 44	
Thermal protection on motor winding	140 °C		Dimensions (L x D x H) in mm	295x225x325 (pinion included)	

EXAMPLE OF A TYPICAL INSTALLATION



■ (A) Low voltage cabling

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

■ (B) Power cabling (230V)

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

N.B: Cable sections in mm²

Ref.	Q.ty	Description	Item code
①	1	Gearmotor 740 E Z16 with built-in control unit and foundation plate	109780
	4 m	Galvanised rack 30x8 with weld-on fittings	490123
	1	Receiver board RP 433 SLH	787824
	1	Two-channel transmitter XT2 433 SLH LR	787007
②	1	Flashing lamp FAACLIGHT	410013
③	1	Pair of photocells SAFEBEAM	785165
④		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.

740 - 741

Model	Use		Control unit	Item code
	Max. weight (kg)	Use frequency (%)		
740 E Z16	500	30 (S3)	built-in 740 D	109780
741 E Z16	900	40 (S3)	built-in 740 D	109781

The packages include: an electro-mechanical gearmotor with control unit 740 D, pinion for rack, two release keys, foundation plate, limit switch counter-plates for mechanical assembly.

CONTROL UNITS



Built-in control board 740 D
Technical specifications page 144

SPECIFIC ACCESSORIES



Encoder for 740 D (*)

Item code 404019



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 relevant fixing accessories (4m package) gate max. weight 400 kg

Item code 4901204

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

Item code 490124

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

Item code 490125

Notes

- (*) The accessory ensures electronic anti-crushing safety and precise control of partial opening and slow-downs.

OTHER ACCESSORIES



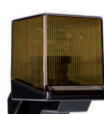
Key-operated push-buttons
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Photocells and Columns
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Safety devices
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Flashing lamps
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Transmitters
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Various accessories
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