

# 740 - 741

## Gearmotor

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

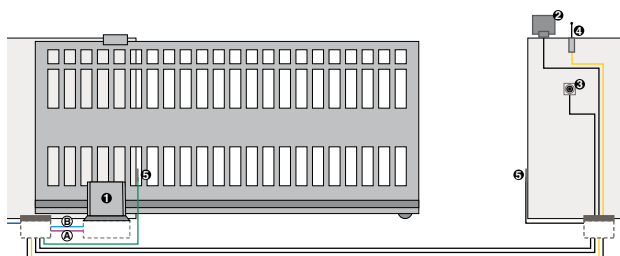


- Quick and easy installation thanks to the built-in, prewired control unit.
- Anti-crushing protection is ensured by an electronic device directly controlling drive torque.
- As the gearmotor is non reversing, no electric locks need to be installed.
- In the event of power failure, the rotation of the 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 mm<sup>2</sup>

56

Ref.	Q.ty	Description	Item code	Price (euro)
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	787003	
②	1	Flashing lamp FAACLIGHT	410013	
③	1	Pair of photocells SAFEBEAM	785165	
④		Key-operated push-button T10 E	401019001/36	
<b>TOTAL</b>				

#### 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	Price (euro)
	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 152

## SPECIFIC ACCESSORIES



**Encoder for 740 D (\*)**

Item code 404019  
 Price (euro)



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

Item code 490122  
 Price (euro)



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

Item code 490123  
 Price (euro)



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

Item code 490120  
 Price (euro)

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

Item code 490124  
 Price (euro)

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

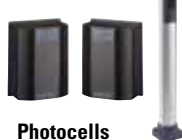
Item code 490125  
 Price (euro)

### Notes

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



**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