

# 740 - 741

## Gearmotor

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

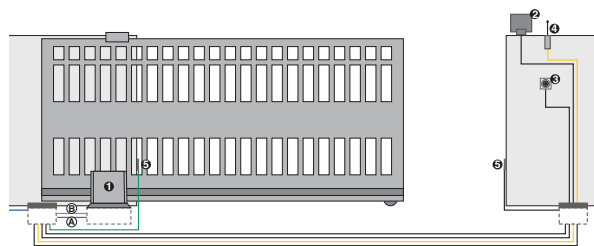
- Quick and easy installation thanks to the built-in, prewired control unit
- Anti-crushing protection is ensured by an electronic device directly controlling drive torque
- As the gearmotor is non reversing, no electric locks need to be installed
- In the event of power failure, the rotation release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



### 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 m/min (pinion Z16)	
Traction and thrust force	45 daN	65 daN	Operating ambient temperature	-20°C - +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 3x0.5
  - 1 cable 2x0.5
- (B) Power cabling (230V)
- 1 cable 2x1.5+T
  - 1 cable 2x1.5

N.B: Cable diameters in mm

Ref.	Qty	Description of material	Item code	Price (euro)	Kit
①	1	Gearmotor 740 E Z16 with built-in control unit and foundation plate	109780		see START kit
	6 m	Galvanised rack 30x12 without fittings	719323		
	1	Package of weld-on fittings	722094		
	1	Receiver 433 / 868			
	1	Transmitter 433 / 868			
②	1	Flashing lamp FAACLIGHT	410013		
③	1	Pair of photocells			
④	1	Key-operated push-button T10 E	401019001/31		

#### 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, travel limit counter-plates for mechanical assembly.

CONTROL UNITS



Built-in control board 740 D  
see Electronics and Accessories

SPECIFIC ACCESSORIES



Encoder for 740 D (\*)

Item code 404019  
Price (euro)



Galvanised rack 30x12  
mod. 4 without fittings  
(6 m package)

Item code 719323  
Price (euro)



Galvanised rack 30x8  
mod. 4 without fittings  
(6 m package)

Item code 719332  
Price (euro)



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

Item code 490120  
Price (euro)



Package of weld-on fittings  
18 pcs.

Item code 722094  
Price (euro)



Package of fittings  
to be mechanically secured  
18 pcs.

Item code 722095  
Price (euro)

Notes

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

OTHER ACCESSORIES



Key-operated push-buttons  
see Electronics and Accessories



Photocells  
and Columns  
see Electronics and Accessories



Safety devices  
see Electronics and Accessories



Flashing lamps  
see Electronics and Accessories



Transmitters  
see Electronics and Accessories



Various accessories  
see Electronics and Accessories