

## GEARMOTOR FOR SLIDING GATES



### AN AUTOMATED SYSTEM

- MILORD 5-8-424 are a non-reversible electro-mechanical gearmotors suitable for automating sliding gates for residential use.
- The gearmotor body in die-cast aluminium and the protective housing in ABS make it a solid, safe product.
- The lever-operated release system enables manual leaf movement.

### THE IMPORTANCE OF PRECISION AND SAFETY

- The innovative magnetic limit-switches system makes Milord a highly qualified product.
- The use of the encoder (optional) gives the exact position of the gate during its entire movement and, in case of impact, leaf movement can be reversed.

### FIELD OF APPLICATION

- Suitable for automating sliding gates with weight up to 800 kg.



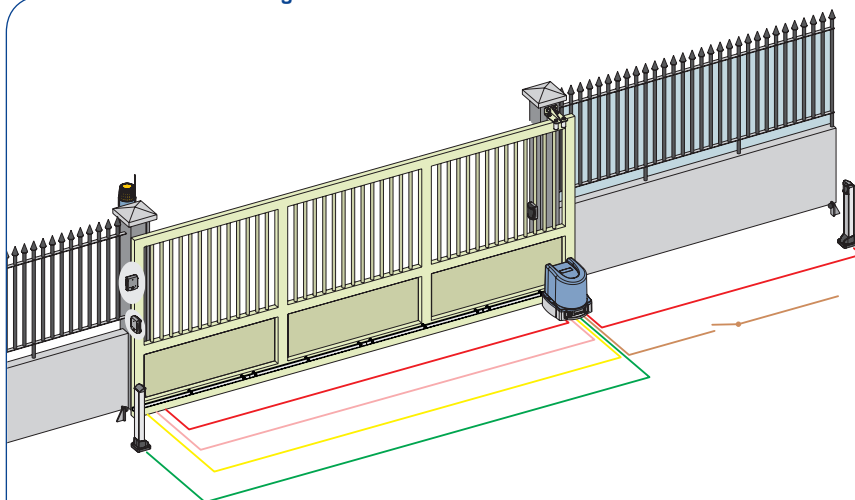
Power supply 24V recommended for an intensive use.

TECHNICAL SPECIFICATIONS	SPRINT 05 Milord 5/8	SPRINT 03 Milord 424
Power supply (Vac)	230/115	230/115
Absorbed Power (W)	15	3
Motor max. load (W)	600	70
Accessories max. load (mA)	500	500
Protective fuses	2	3
Function logic	Automatic - Manual	Automatic - Automatic step by step - Semiautomatic - Semiautomatic step by step - Condominium
Pause time	Four preset levels	Through self-learning during programming
Motor power	Trimmer adjustable	Four levels adjustable on display
Terminal board inputs	Open A - Open B - Stop - Opening and closing limit-switch - Photocells	Open A - Open B - Stop - Opening and closing limit-switch - Photocells - Battery - Encoder
Terminal board outputs	Accessories power supply 24Vdc - Blinker	Accessories power supply 24Vdc - Blinker
Rapid plug inputs	Encoder - GENIUS 5PIN receivers	GENIUS 5PIN receivers
Programmable functions	Open A - Open B - Stop - Opening and closing limit-switch - Photocells - Battery - Encoder	Operation with encoder - Clutch sensitivity - Automatic re-closure - Safety device logic
Signal state led's	Control board power supply - Opening limit-switch - Closing limit-switch - Stop - Safety devices	Control board power supply - Opening limit-switch - Closing limit-switch - Stop - Safety devices

Model	Version	Pcs./Pallet	Code	€
MILORD 424C	Non-reversible, 24Vdc, max. 400 kg integrated control board	36	6110050	
MILORD 5	Non-reversible, max. 500 kg	36	6110045	
MILORD 5C	Non-reversible, max. 500 kg integrated SPRINT 05 control board	36	6110046	
MILORD 8	Non-reversible, max. 800 kg	36	6110047	
MILORD 8C	Non-reversible, max. 800 kg integrated SPRINT 05 control board	36	6110048	

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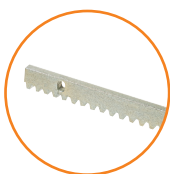
## Electric wiring scheme



Line	3x1,5 mm <sup>2</sup>
Motor*	4x1,5 mm <sup>2</sup>
Blinker	2x1,5 mm <sup>2</sup>
Key-operated selector	2x0,5 mm <sup>2</sup>
Tx photocells	2x0,5 mm <sup>2</sup>
Rx photocells	4x0,5 mm <sup>2</sup>
BUS connections	2x0,5 mm <sup>2</sup>

\*For 24Vdc motor, use thread from 2x2,5mm<sup>2</sup>  
- distance max. between motor and the control board 10m.

## ACCESSORIES



### RACK

RACK 1 meter in galvanised iron, 30 x 12 mm, module 4 without fittings. (6 m package). Price per meter.

### CODE

JA146



### SPACERS

KIT of 18 spacers and securing screws M8x30, for welding. 6 meters of iron rack.

### CODE

JA147



### SPACERS

KIT of 18 spacers and securing screws M8x50, for screwing. 6 meters of iron rack.

### CODE

JA148



### RACK

RACK 1 meter in nylon with steel core, 30 x 12 mm, module 4 without fittings. For gates with weight up to 500 kg (6 m package). Price per meter.

### CODE

JA221



### SCREWS

KIT of 24 securing screws for 6 meters of nylon rack.

### CODE

JA222



### ENCODER

ENCODER with revs measurement on the input shaft, for greater control of forces, and reverses motion in case of impact. Raised repetition of positioning during opening/closing stops.

### CODE

6100013

Technical specifications	MILORD 424	MILORD 5	MILORD 8
Power supply (Vac)	24		230
Power (W)	70	350	500
Current (A)	3	1.5	2.2
Heat protection (°C)	-		140
Capacitor (µF)	-	10	12,5
Max. torque (Nm)	13.5	18	24
Thrust on pinion (daN)	40	45	70
Type of pinion gear	Z16 mod. 4		Z16 mod. 4
Max. gate weight(Kg)	400	500	800
Speed (m/min)	12	12	10
Type and frequency of use at 20 °C	100%	S3 - 30%	S3 - 30%
Indicative hour cycles at 20°C [1]	≥72	≥24	≥28
Operating ambient temperature (°C)	-20 +55		-20 +55
Operator weight (Kg)	10	10	12,5
Protection class	IP44		IP44

## DEVICES



Obstacle  
detections (page 122)



Safety  
(page 124)



Radio controls  
(page 126)



Control  
(page 128)

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