

MILORD

GEARMOTORS FOR SLIDING GATES

Safety in movement.



GENIUS[®]

GATE AUTOMATION

MORE SOLUTIONS FOR A SECURE CHOICE.

Milord fully satisfies all of your residential and intensive automation needs.



Traditional Solutions.

Non-reversing electro-mechanical gearmotor suitable for automating sliding gates of up to 800 kg.



Solid and secure presents a gearmotor body in die-cast aluminium, and protective housing in ABS.

Features an innovative system of magnetic switches, which are easy to adjust and grant high stop repeatability, and an encoder (optional) which allows you to ensure the exact position of the gate during its entire movement.



Particularly suitable for use in places where snow is frequent, thanks to the absence of contact between the switch and the magnet on the rack.

A convenient release lever system allows manual movement of the gate in the absence of power.

Low-Voltage Solutions.



Long life thanks to innovative kinematics inside, meaning a robust buffer safeguards the engine from axial thrusts.

High number of cycles ensured by the use of a bronze gear and steel worm screw.

The standard encoder checks the exact position of the door and, in many applications, can also reduce the number of accessories needed to satisfy the safety requirements in compliance with European standards.

Housing for battery backup (optional), to allow the opening of the gate in the absence of power.*

* The number of possible cycles is influenced by the level of battery charge, by the number of accessories, and by the amount of time passed without power.



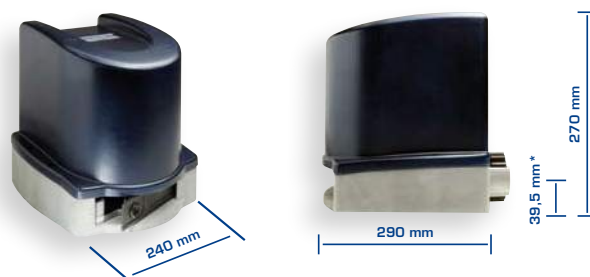
TECHNICAL SPECIFICATION

Technical specification	MILORD 5	MILORD 8	MILORD 424	MILORD 3624ENC
Power supply	230/115 Vac - 50/60 Hz			
Motor	230 Vac	230 Vac	24 Vdc	24 Vdc
Absorbed power	350 W	500 W	70 W	60 W
Torque	18 Nm	24 Nm	13,5 Nm	12 Nm
Thrust on pinion	45 daN	70 daN	40 daN	36 daN
Pinion	Z16			
Rack	Modulo 4			
Type and frequency of use at 20°C	S3 - 30%	S3 - 40%	Intensive	Residential
Recommended daily cycles	-	-	300	80
Max. continuous cycles	-	-	300	30 ⁽¹⁾
Operating ambient temperature	-20°C +55°C			
Operator weight	10 Kg	12,5 Kg	10 Kg	10,5 Kg
Protection class	IP44			
Max. gate weight	500 Kg	800 Kg	400 Kg	360 Kg
Gate speed	12 m/min	10 m/min	12 m/min	12 m/min

⁽¹⁾ Management of the cycles through software

Technical specification control unit	SPRINT 05 MILORD 5/8	SPRINT 03 MILORD 424	SPRINT 09 MILORD 3624ENC
Power supply	230/115 Vac - 50/60 Hz		
Absorbed power	15 W	3 W	3 W
Motor max. load	600 W	70 W	60 W
Accessories max. load	500 mA	500 mA	500 mA
Protection fuses	2	3	2
Function logic	Automatic - Manual	Automatic - Aut. step by step - Semiautomatic - Sem. step by step - Condo type	Automatic - Aut. step by step - Semiautomatic - Sem. step by step
Pause time	Four preset levels	Through self-learning during programming	
Motor power	Trimmer adjustable	Four levels adjustable on display	Trimmer adjustable
Terminal board inputs	Power supply - Open A - Open B - Stop - Opening and Closing limit-switch - Photocells	Power supply - Open A - Open B - Stop - Opening and Closing limit-switch - Photocells - Battery - Encoder	Power supply - Open A - Open B - Stop - Opening and Closing limit-switch - Photocells
Terminal board outputs	Accessories power supply 24 Vdc - Blinker		
Rapid plug inputs	Encoder - Connector for 5-PIN GENIUS receiver	Connector for 5-PIN GENIUS receiver	Motor and encoder - Radiofrequency modules for 3-PIN GENIUS receiver - Battery charger
Programmable functions	Operation with encoder - Clutch sensitivity - Safety device logic	Operation with encoder - Clutch sensitivity - Automatic re-closure - Safety device logic	Automatic re-closure - Open A input - Safety device logic
Signal state led's	Control unit power supply - Opening limit-switch - Closing limit-switch - Stop - Safety device		Opening limit-switch - Closing limit-switch - Stop - Safety device - Input Open A - Input Open B

Dimensions



* distance from the center of the pinion

ACCESSORIES



Battery Kit

Battery kit to be placed on board for Milord 3624ENC.



Battery Kit

Battery kit to be placed inside the 24V control unit containers for Milord 424.



Encoder

Encoder for greater control of force, can reverse motion in case of impact.



Vision/Vega Photocell

Self-aligning, external duty photocell with a nominal range of 20 metres.



Orion Photocell

Directional, external duty photocell with a nominal range of 30 metres.

Amigold transmitter

868 MHz-frequency radiocontrols with Rolling Code codification and self-learning system.

PATENTED



Bravo transmitter

433.9 MHz-frequency radiocontrols with Rolling Code codification system.



Guard

Blinker available in different versions, 115/230V 12/24V.



Quick Selector Switch

External key-operated anti-break-in selector switch.



Rack

Module 4 in galvanised iron or in nylon with steel core 30x12 mm.

