>FALCON m5 m8 m424

GEARMOTORS FOR SLIDING GATES

The guardian of your territory
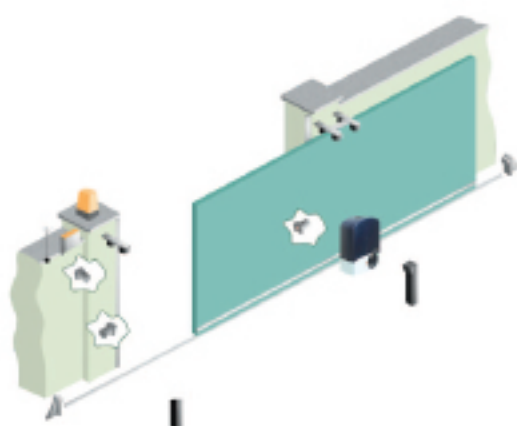
+ FALCON M5 - M8 - M424 are non-reversible electro-mechanical gearmotors made to last.
+ The gearmotor body in aluminium painted with polyester poweders and the protective housing in ABS make it a pleasing, solid and safe product.
+ A pratical release system, it can be spotted immediately, and can be activated only by a lock with personalised key.
+ Magnetic limit-switch designed by Genius, entirely protected.
+ The gearmotors have a pre-wired board with transperant protection and programming push-buttons outside the cover, as well as a rotating board-support to faciliate access during programming.

The importance of precision and safety

+ 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.
+ The "C" versions, with Genius control unit, have easy-to-understand on-display programming. A set of functions such as the electronic clutch, the slow-downs, braking, and separate inputs for accessories, put in a the top of market.

Field of application

+ Available in several versions: 230V / 115V / 24V
+ Models for sliding gates of up to 800 kg.
+ The 24V version for intensive use can be supplied (optional) with buffer batteries on board the machine.

GENIUS
GATE AUTOMATION

GENIUS
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move your genius

250mm

325mm

225mm

TECHNICAL SPECIFICATION	FALCON M5	FALCON M8	FALCON M424
POWER SUPPLY (Vac) (Vdc)	230		24
POWER (W)	350	500	70
CURRENT (A)	1.5	2.2	3
HEAT PROTECTION (ºc)	140		-
CAPACITOR (µF)	10	12 5	-
MAX. TORQUE (Nm)	18	24	13.5
THRUST ON PINION GEAR	45	65	40
TYPE OF PINION GEAR	Z16 mod.4		Z16 mod.4
MAX GATE WEIGHT. (KG)	500	800	400
SPEED (M/MIN)	12		12
TYPE AND FREQUENCY OG USE AT 20°C	S3 - 30%	S3 40%	100%
INDICATIVE HOUR CYCLE AT 20°C)	≥24	≥28	-
TEMPERATURE (°C)	-20°+55°		-20°+55°
OPERATION WEIGHT (KG)	10	11	11
PROTECTION CLASS	IP 44		IP 44

(1) Number of cycles for a 6m length large gate, installed correctly at the dimensions indicated in the installation instructions and without slow-downs