



EGM winch motors

Controlling air intake valves safely and accurately

- Robust 24V motors
- Brushless stepping motors for a long service life
- Easy to adjust maximum open/closed positions
- Guaranteed to be waterproof
- Protected against overload
- Available with an ESE emergency current module

The EGM-100 and the EGM-250: high performance meets ease of use

The EGM motors have been specially developed to control air intake systems in intensive livestock buildings. The EGMs are fitted with robust brushless 24V motors with a tractive force of 100 and 250 kg respectively. The integrated microprocessor continuously monitors the maximum torque preventing damage due to overload. And the EGM can be adjusted without tools and without opening it, thus ensuring a long service life and water tightness. As standard, the EGM series is supplied with a cable drum and is available with a 0-10V control signal or potentiometer feedback.



In combination with the intelligent DMS-24-2CA or DMS-24-AM end stations, the EGM-CA can control the motor and feed back its exact position by means of communication through a single cable. This minimises the need of wiring, resulting in attractive cost savings.

Technical Specifications EGM series

General

- 24V supply voltage
- 20-60NM shaft torque
- 1000-2500N tractive force
- speed EGM-100: 6-13cm/min
- speed EGM-250: 6-10cm/min
- protection category: IP-65
- cable drum enclosed
- min. ambient temp.: -5°C
- max. ambient temp.: 40°C

EGM-100P

- 13-68cm winding range
- 100kg tractive force
- with potentiometer feedback

EGM-100CA

- 13-68cm winding range
- 100kg tractive force
- with a 0-10V signal with position feedback

EGM-250P

- 16-80cm winding range
- 250kg tractive force
- with potentiometer feedback

EGM-250CA

- 16-80cm winding range
- 250kg tractive force
- with a 0-10V signal with position feedback

ESE emergency current module for maximum certainty

The EGM winch motors can be expanded by an ESE emergency current module. In the event of a power outage or an emergency situation, an ESE module immediately ensures that the EGM motors drive the inlet valves to their pre-set positions. Of course, the battery condition is monitored permanently to guarantee that the primary needs of the animals are fulfilled. A maximum of 8 EGM-100 motors or 4 EGM-250 motors can be connected to a single ESE module.

