



# LIFTING MOTOR WITH BATTERY FOR WINDOWS 500KG 2 SHAFTS / PULLEY

REF.4M51200



Mechanical limit switch (safety)

Smooth pulley

Guided pulley

## DESCRIPTION:

Lifting motor electronically driven by high quality microcontrollers. 12V battery allows to automate facilities without electricity and provides system autonomy for up to 24 hours in the case of power supply cut in facilities which depend on electricity grid 230V. Designed to create a control system for natural or mechanical ventilation (see: Recommended OSMO equipment). Protected from outdoor conditions by its chassis (galvanized / painted) and its cover (stainless steel / painted).

## TECHNICAL DATA:

500kg  
Lifting system: 2 SHAFT PULLEY  
Smooth pulley or guided pulley (up to 6mm)  
Motor: 12V / 2Ah  
1 built-in battery (12V / 7 Ah)  
Internal security pushbuttons  
Electronic limit switch: programmable maximum/minimum steps  
Mechanical limit switch: safety measure in the case of system breakdown  
Speed: 0,5RPM / linear 6cm without weight  
Dimensions (length / width / height): 535x244x187mm  
Distance (shaft-base): 70mm  
Weight: 17kg  
Maximum consumption (up / down): 2Ah / 0.35Ah

## RECOMMENDED OSMO EQUIPMENT:

- Natural ventilation control by temperature: regulators OCV2 (2 motors) / OCV3 (3 motors) / OCM (1 motor)
  - Air inlets control for mechanical ventilation: OCM (1 motor, 0-10V)
  - Manual or timer window control: OMM
  - Facilities without 230V: converter DC / DC (for backup battery)
- \* See the product datasheet

- **SAVING IN ELECTRICITY**
- **ANIMALS ARE SAFE DURING POWER SUPPLY CUT**
- **AUTOMATION OF FARMS WITHOUT 230V**



**IN THE CASE OF POWER SUPPLY CUT  
24-HOUR OPERATION**



**CORRECT BATTERY MAINTENANCE  
FOR FACILITIES WITHOUT ELECTRICITY GRID 230V:  
MINIMUM CHARGING FOR 1 HOUR A DAY**