

Falcon M14 - M20



Gearmotor body in aluminium painted with polyester powders and protective housing in ABS

Magnetic limit-switch entirely protected

GEARMOTOR FOR SLIDING GATES

- Available version: 230V for leaves up to 1400-2000 Kg
- Optional Encoder installation for obstacle detection
- Release through a user friendly accessory lever and customised key - PATENT
- Sturdy inner kinematic mechanism made of a bronze crown and steel worm-screw
- Magnetic limit switches
- Electronic Control Board with Transparent plastic Enclosure and external programming buttons
- Rotating Panel for easier programming
- Gearmotor body painted with polyester powder

Code	Name	Version	Voltage	Leaf Weight	Use
6110001	Falcon M14	Non-reversible	230V	1400 kg	Industrial
6110002	Falcon M14 C	Non-reversible - Sprint 382 board	230V	1400 kg	Industrial
6110021	Falcon M20	Non-reversible	230V	2000 kg	Industrial
6110022	Falcon M20 C	Non-reversible - Sprint 382 board	230V	2000 kg	Industrial

OPERATOR DIMENSIONS



Technical Specifications	Falcon M14	Falcon M20
Power supply (V)	230	
Nominal power (W)	650	800
Current (A)	2.80	3.5
Heat protection (°C)	140	
Thrust capacitor (µF)	16	20
Max. torque (Nm)	35	45
Thrust on pinion (daN)	110	150
Type of pinion gear	Z16 mod. 4	
Angular speed (m./min.)	10	
Frequency of use at 20 °C	S3 - 40%	
Operating ambient temperature (°C)	-20 +55	
Protection class	IP44	
Weight (kg)	14	15

CONTROL BOARDS

Sprint 382
Geo 05

1 - Number of cycles for a 5 m gate, installed correctly at the dimensions indicated in the installation instructions and without slow-downs.