



## For swing gates with leaves up to 3.5 m, underground installation.

Irreversible electromechanical gear motor, also available in 24 Vdc versions with magnetic encoder.

**An even more evolved range:** 4 types of electromechanical gear motors irreversible, **Metroplex**, also available in 24 Vdc version with magnetic encoder.

**Metro Box, 2 new foundation boxes externally chamfered**, with mechanical stop on opening: **in STAINLESS STEEL** (MECX), ideal for use in extreme conditions, and with the new **cataphoresis paint finish** (MECF), highly resistant to corrosion.

**Reliable and resistant:** motors made up of solid internal parts in metal and bronze alloy. New IP67 waterproof die cast aluminium.

**Total freedom of choice:** release from inside and outside, two key-operated models or freely compatible lever version and easily activated with just one hand.

**Simple to use:** mechanical stop system on closure. Standard opening max. 110°, optional opening 360°.

**Totally compatible** with the previous Metro series.

**Recommended control units:** Mindy A3, A3F, A6, A6F, A60, A700F; for ME3024 Moonclever MC824H.

**24 Vdc version** with magnetic encoder.

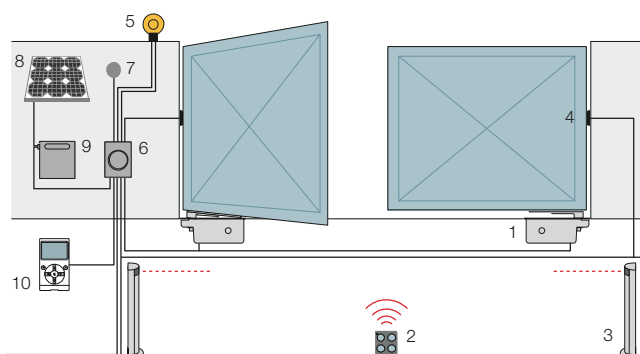
Perfect for intensive use, compatible with the control unit Moonclever MC824H, equipped with BlueBUS, and provision for operation with the systems Solemyo and Opera:

- simple programming, by means of a single key;
- self-learning of opening and closing limit positions;
- automatic fault diagnostics;
- programming of pause time;
- pedestrian pass door;
- deceleration on opening and closing;
- obstacle detection with dual technology;
- operation in event of power failure by means of optional rechargeable batteries (PS324);
- provision for connection of latest generation resistive sensitive edges.

### Technical specifications

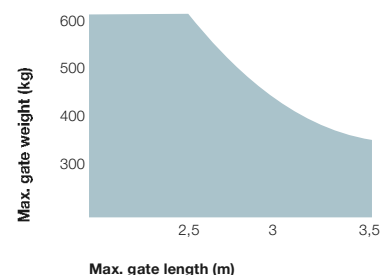
Code	ME3024	ME3000	ME3000L	ME3010
<b>Electrical data</b>				
Power supply (Vac 50 Hz)	-	230		
Power supply (Vdc)	24	-		
Absorption (A)	5	1.2	1.3	1.4
Power (W)	120	250	300	290
Built-in capacitor (µF)	-	10		12
<b>Performance data</b>				
Speed (Rpm)	1.4	1.14	0.8	1.14
Torque (Nm)	250	300	250	300
Work cycle (%)	80	30		40
<b>Dimensional and general data</b>				
Protection level (IP)	67			
Working temp. (°C Min/Max)	-20 ÷ +50			
Dimensions (mm)	390x322x194.5 h			
Weight (kg)	11			11.5

### Installation diagram



1. Metroplex 2. Transmitter 3. Photocells mounted on posts 4. Photocells 5. Flashing light 6. Control unit 7. Digital or key switches 8. SYP\* solar panel 9. PSY24\* battery box 10. O-View\* multifunction display.  
\*Optional connection to Solemyo and Opera systems.

### Utilisation limits



The shape, the height of the gate and the weather conditions can considerably reduce the values shown in the graph to the side. Use in windy areas 230 Vac models.