

# AUTOMATIONS FOR SLIDING GATES

up to 400 / 500 kg

supplied with control unit and integrated receiver



Design and shape designed to convey all the strength and reliability of the motor



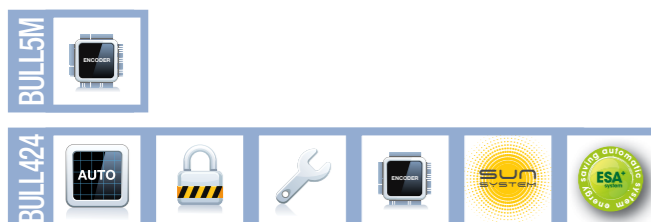
Fast and easy unlock device with a customized key



Raised foundation plate included 260 x 117, n.4 Ø 11 floor brackets, 300 x 75 n.4 M8 screws for motor



230 Vac control unit with built-in 433.29 Mhz 62-code radio receiver, automatic and semi-automatic operating logic



LEGEND ON PAGE 11

# BULL5M BULL424ESA

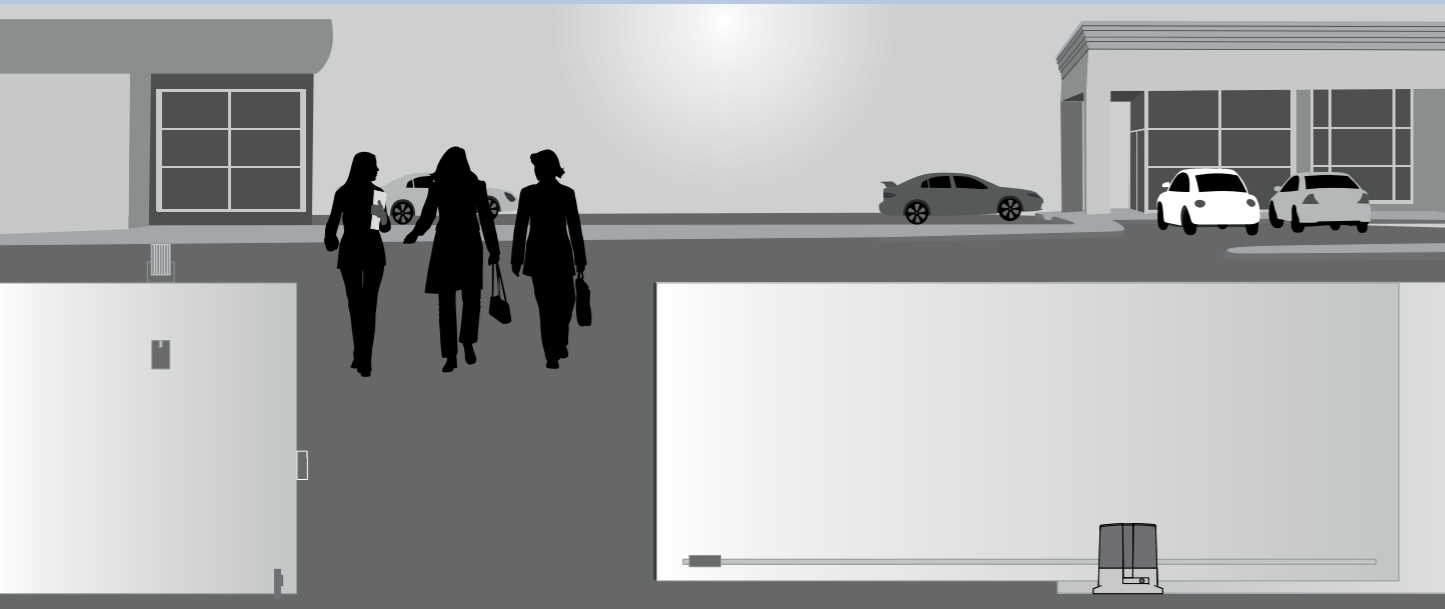
## RESIDENTIAL USE

- 230 Vac single-phase electromechanical geared motor with built-in control unit
- Possibility of connecting encoder with MAG.E accessory
  - Easy to use unlock device
- Available in version with magnetic limit switches (BULL5M.S)

### 24 Vdc

- 24 Vdc geared motor for intensive use, with built-in control unit, ESA SYSTEM and encoder.
  - Anti-crushing system with amperometric sensor
  - Battery operated in the event of a power failure
- Available in version with magnetic limit switches (BULL424ESA.S)





TECHNICAL DATA	BULL5M	BULL5M.S	BULL424ESA	BULL424ESA.S
Power supply	230 Vac	230 Vac	230 Vac	230 Vac
Motor supply	230 Vac	230 Vac	24 Vdc	24 Vdc
Max. absorbed current	1,3 A	1,3 A	0,4 A	0,4 A
Power consumption in stand by	-	-	8 mA	8 mA
Thrust	650 N	650 N	428 N	428 N
Opening speed	10,5 m/min	10,5 m/min	11/6,7 m/min	11/6,7 m/min
Operation cycle	30%	30%	intensive use	intensive use
Protection level	IP 44	IP 44	IP 44	IP 44
Operating temp.	-20°C /+50°C	-20°C /+50°C	-20°C /+ 50°C	-20°C /+50°C
Max gate weight	500 Kg	500 Kg	400 Kg	400 Kg
Driving gear for rack	M4 Z18	M4 Z18	M4 Z14	M4 Z14
Magnetic limit switches	No	Yes	No	Yes
Weight	10,6 kg	10,6 Kg	10,2 kg	10,2 kg
<b>Items no. per pallet</b>	<b>36</b>	<b>36</b>	<b>36</b>	<b>36</b>

**RI.M4F**



M4 galvanized rack with slots and screws (30x12x1000 mm)  
**Packaging: 4 pcs**

**RI.M4Z**



M4 galvanized rack (22x22x2000 mm)  
**Packaging: 2 pcs**

**RI.M4P**



M4 slotted nylon rack with steel core 28x40x1000 mm., supplied with screws.  
**Packaging: 10 pcs**

**MAG.E**



Magnetic sensor device to detect obstacles and allows the slow down. For BULL5M only

**DA.2S**



Electronic module which allows the synchronized movement of two gates

**ID.TA**



Aluminium warning board  
Available in different languages

**BULL24.CBY**



Accessory for composed of battery charger card CBY.24V, 1,2Ah batteries and support for batteries

**BULL24.CBH**



Accessory with CBY.24V battery charger card, NIMH batteries and support.

**DA.BT6  
DA.BT2**



DA.BT6: 7Ah 12 VDC Battery  
DA.BT2: 2.1Ah 12 VDC Battery  
DA.BT6 need must be fitted into an external box

**NIMH**

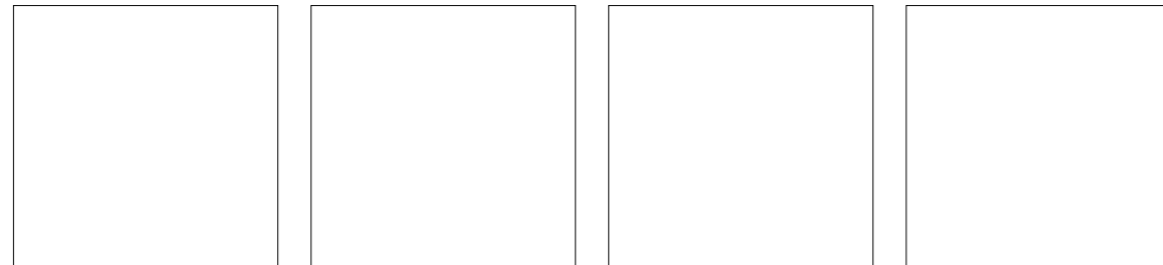


2 Ah , 24 Vdc NIMH batteries

**CBY.24V**

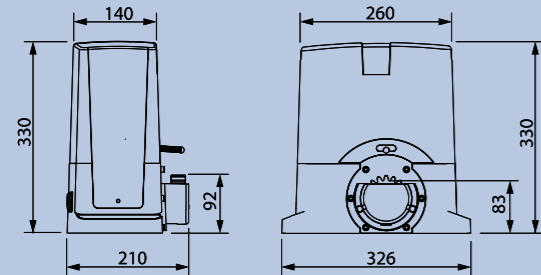


Battery charger card.  
The CBY.24V card allows to charge two different types of nickel metalhydrate and lead batteries.

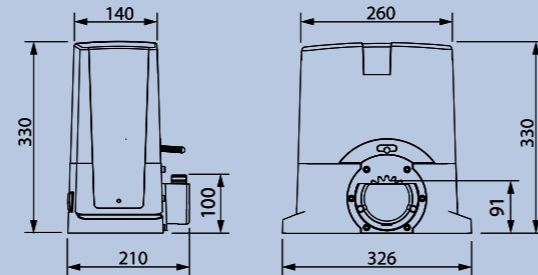


**SAFETY DEVICES on page 214**

**BULL424ESA**



**BULL5M**



**SETS AVAILABLE**

- KBULL5M 30 Sets per pallet
- KBULL5M.S 30 Sets per pallet
- KBULL424 30 Sets per pallet
- KBULL424.S 30 Sets per pallet

**p. 218 / 224**