

# AUTOMATIONS FOR SLIDING GATES

up to 1000 kg / 1500 kg

supplied with control unit and integrated receiver



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



Fast and easy unlock device with a customized key



230 Vac Self-ventilated versions



Control unit with advanced programming on display. Built-in receiver and removable terminal boards



LEGEND ON PAGE 11

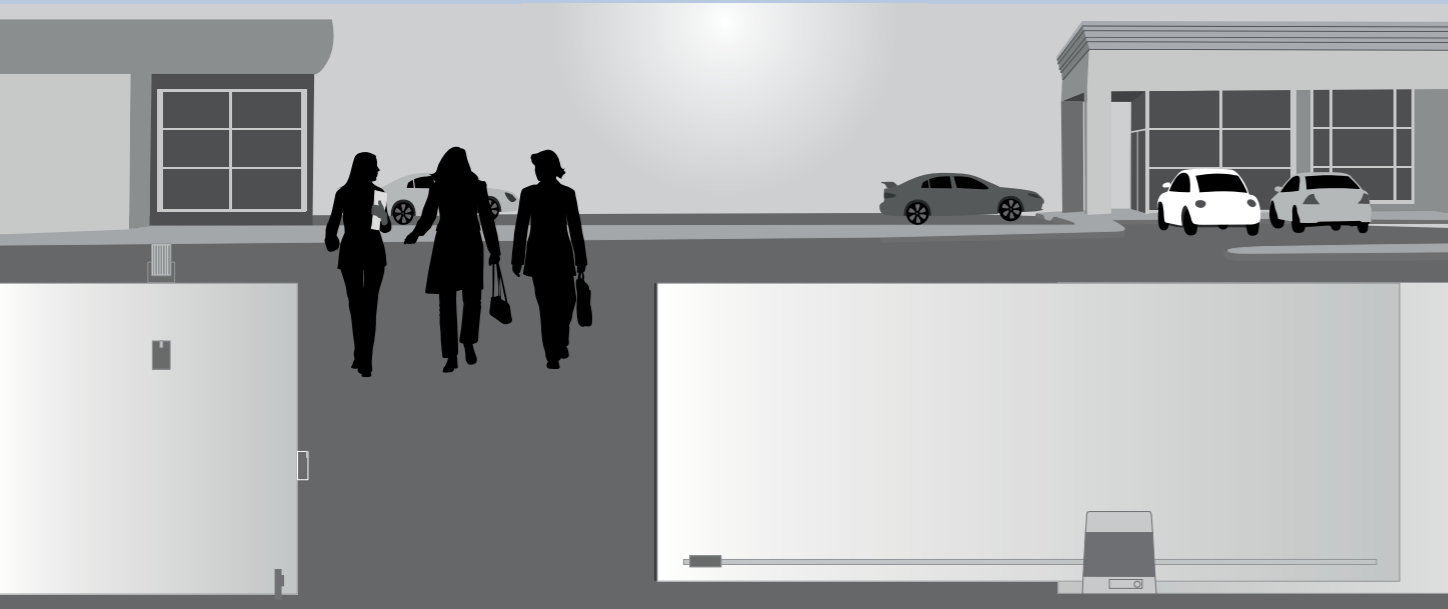
# BULL 10M BULL 15M BULL 1024ESA

## COMMERCIAL USE

- 230 Vac single-phase operator with built-in control panel
  - Self-ventilated version equipped with encoder
  - Fast and easy to use unlock device
    - Horizontal and vertical fitting position of operator are adjustable
    - Fast and easy to wire
  - Available in versions with magnetic limit switches (BULL10M.S/BULL15M.S)
- 24 Vdc**
- 24 Vdc geared motor for intensive use, with incorporated control unit, ESA SYSTEM and encoder.
  - Amperometric anticrushing control
  - Prepared for battery back-up system
    - Available in version with magnetic limit switches (BULL1024ESA.S)



Equipped with  
foundation plate



TECHNICAL DATA	BULL10M	BULL10M.S	BULL15M	BULL15M.S	BULL1024ESA	BULL1024ESA.S
Power supply	230Vac	230Vac	230Vac	230Vac	230Vac	230Vac
Motor supply	230Vac	230Vac	230Vac	230Vac	24Vdc	24Vdc
Max. absorbed current	1,6 A	1,6 A	2,5 A	2,5 A	1,7 A	1,7 A
Power consumption in stand by	-	-	-	-	8 mA	8 mA
Thrust	1000 N	1000 N	1250 N	1250 N	940 N	940 N
Opening speed	10,5 m/min	10,5 m/min	10,5 m/min	10,5 m/min	11,7 m/min	11,7 m/min
Operation cycle	40%	40%	60%	60%	intensive use	intensive use
Protection level	IP 44	IP 44	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	-20°C /+50°C	-20°C /+50°C
Max gate weight	1000 kg	1000 kg	1500 kg	1500 kg	1000 kg	1000 kg
Driving gear for rack	M4 Z18	M4 Z18	M4 Z18	M4 Z18	M4 Z18	M4 Z18
Magnetic limit switches	No	Yes	No	Yes	No	Yes
Weight	18,7 kg	18,7 kg	20,1 kg	20,1 kg	18,7 kg	18,7 kg
<b>Items no. per pallet</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>

**RI.M4Z**



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

**RI.M4F**



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

**RI.M6Z**



M6 galvanized rack (30x30x2000 mm)  
(needs the RI.P6 accessory to work)

**RI.P6**



M6 gear, It needs the rack RI.M6Z

**BULL.PI**



Raised foundation plate included 280 x 170, n.4 Ø 11 floor brackets, 269 x 106 n.4 M10 screws for motor

**DA.2S**



Electronic module which allows the synchronized movement of two gates

**ID.TA**



Aluminium warning board Available in different languages

**BULL1024.CB**

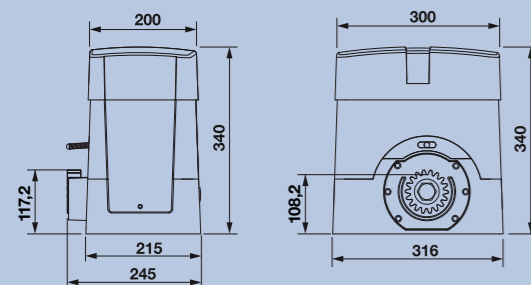
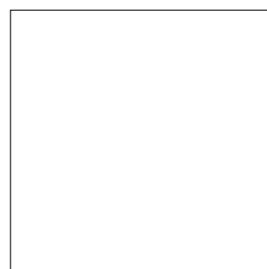
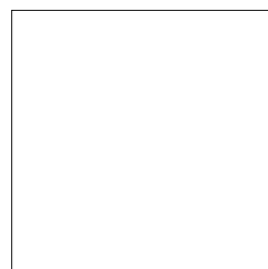
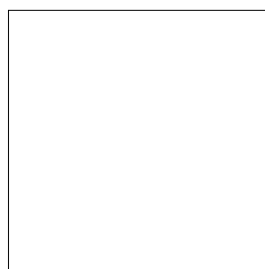


Accessory for composed of battery charger card CBY.24V, 1,2Ah batteries and support for batteries

**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



SAFETY DEVICES on page 214

**SETS AVAILABLE**

- KBULL10M 20 Sets per pallet
- KBULL10M.S 20 Sets per pallet
- KBULL1024 20 Sets per pallet
- KBULL1024.S 20 Sets per pallet
- KBULL15M 20 Sets per pallet
- KBULL15M.S 20 Sets per pallet

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