

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

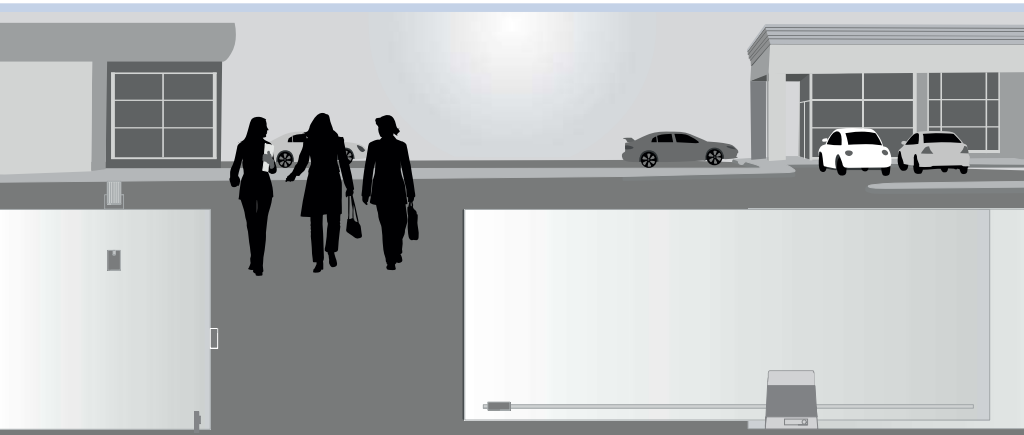
BULL 10M BULL 15M **BULL 1024ESA**



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 (BULL 10M,S/BULL 15M,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 (BULL 1024ESA,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
Items no. per pallet	20	20	20	20	20	20

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 RLP6 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

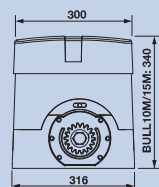
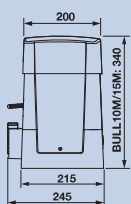
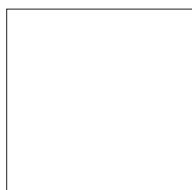


Accessory for composed of
battery charger card CBY.24V,
1,2Ah batteries and support
for batteries

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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AUTOMATIONS FOR SLIDING GATES

up to 2000 kg

BULL20M supplied with control unit and integrated receiver
BULL20T without control panel



Functional design. Shape to convey all the strength and reliability of the motor



Sturdy key-operated personalized unlocking system



Self-ventilated versions



LEGEND ON PAGE 11

BULL20M BULL20T

INDUSTRIAL USE

SINGLE-PHASE

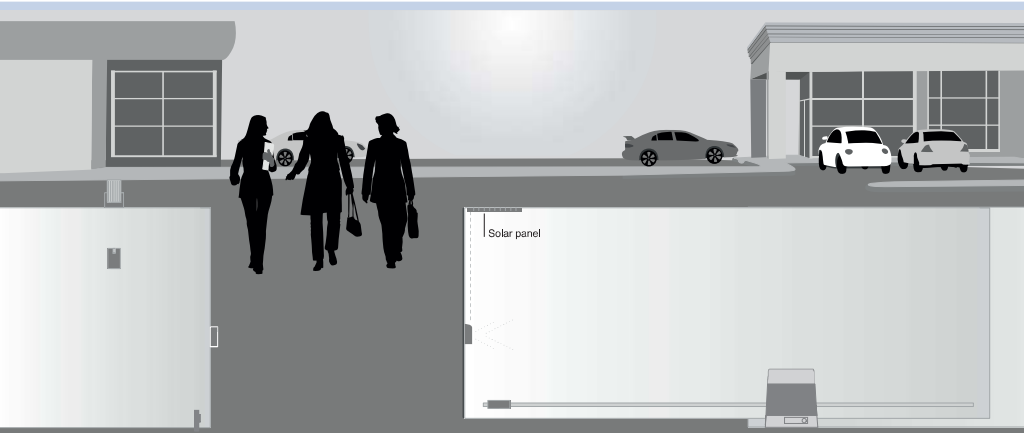
- 230 Vac single-phase operator with built-in control panel and receiver
- Self-ventilated version equipped with encoder
- Control unit with electronic braking
 - Available in versions with magnetic limit switches (BULL20M.S)

THREE-PHASE

- Self-ventilated operator with external control unit
 - Operator equipped with electric brake
- Anti-crushing electronic brake
 - Available in versions with magnetic limit switches (BULL20T.S)



Equipped with
foundation plate



TECHNICAL DATA	BULL20M	BULL20M.S	BULL20T	BULL20T.S
Power supply	230 Vac	230 Vac	400 Vac	400 Vac
Motor supply	230 Vac	230 Vac	400 Vac	400 Vac
Max. absorbed current	2,9 A	2,9 A	1,7 A	1,7 A
Thrust	1667 N	1667 N	2000 N	2000 N
Opening speed	10,5 m/min	10,5 m/min	10,5 m/min	10,5 m/min
Operation cycle	40%	40%	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	2000 kg	2000 kg	2000 kg	2000 kg
Driving gear for rack	M4 Z18	M4 Z18	M4 Z18	M4 Z18
Magnetic limit switches	No	Yes	No	Yes
Weight	21,6 kg	21,6 kg	21,6 kg	21,6 kg
Items no. per pallet	20	20	20	20

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



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M6 gear. It needs the rack
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BULL.PI



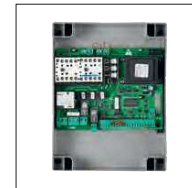
Raised foundation plate
included 280 x 170,
n.4 Ø 11 floor brackets,
269 x 106 n.4 M10 screws
for motor

ID.TA



Aluminium warning board.
Available in different languages

THINK

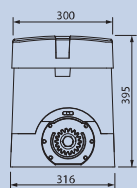
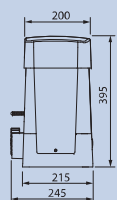


Control panel suitable for
one 230Vac single phase
operator up to 1500W or
400Vac 2-phases operator up
to 2200W. Built-in display for
programming the functions.
It is prepared with a plug-in
connection for radio receiver.
Technical features on page 158

RF.SUN



688 Mhz radiofrequency device
comprising: 1 battery-operated device
recharged by means of a photovoltaic
panel applied on a mobile edge, with
input for connection to an 8K2 sensitive
edge or to a mechanical door switch.
Technical features on page 214



SAFETY DEVICES on page 214

SETS AVAILABLE

KBULL20M 20 sets per pallet
KBULL20M.S 20 sets per pallet

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