



24VDC

BULL1524SE



COMMERCIAL USE

control unit with built-in receiver and virtual encoder
built-in ESA+ system
personalised release key
built-in battery charger

**up to 1500 kg**

24 Vdc | continuous use

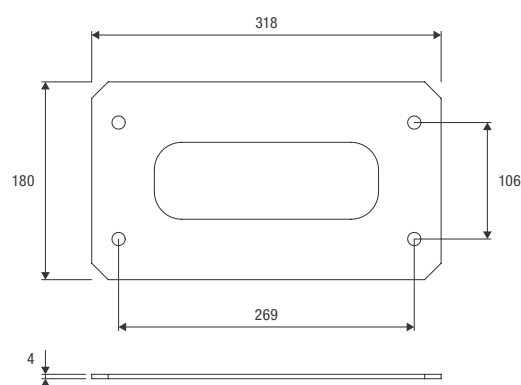
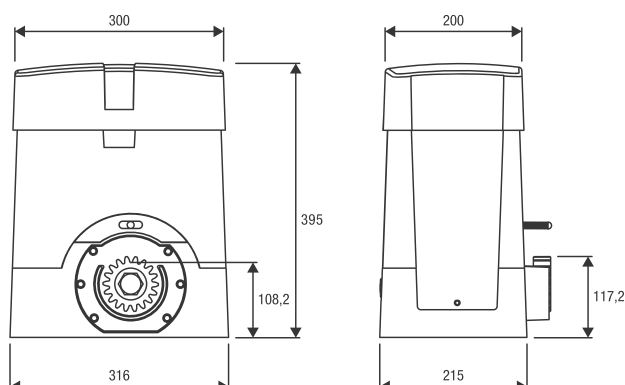
- 24 Vdc Irreversible gear motor for intensive use with built-in control unit equipped with 115/230 Vac switching power supply that allows a low consumption and a longer lifespan of the operator
- The control unit, located on the top of the motor, facilitates wiring operations
- The virtual encoder enables optimal management of slowing-down phases, movement tracking (STC system) and torque management in relation to the position of the gate, guaranteeing maximum safety
- Operation guaranteed even in the event of a power supply failure through batteries that can be perfectly integrated in the motor
- Anti-crushing system with amperometric obstacle detection
- Designed for the connection of the X.BE accessory in order to be integrated with KNX domotics installations and the programming through the app BeUP and the interface PRO.UP
- Version with magnetic limit switches available (BULL1524SE.S)
- Steel anti-vandal protective cover (optional)

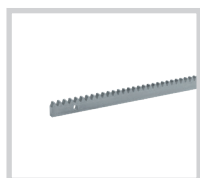


CONTROL UNITS:

BULL1524SE — CP.B24-D120**BULL1524SE.S** — CP.B24-D120

Foundation plate with anchor bolts included.
Motor and floor fixing distance 269x106 mm, no. 4 Ø 12 mm.



**RI.M4F**

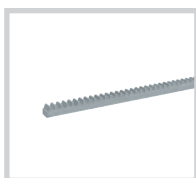
M4 rack, to weld or attach with screws, 30x12x1000 mm slotted and galvanised. Supplied with M6 screws and threaded spacers.
Package of 4 pcs.

**RI.M4F2**

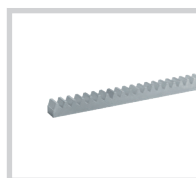
M4 rack, to weld or attach with screws, 30x12x2000 mm slotted and galvanised. Supplied with M6 screws and threaded spacers.
Package of 1 pc.

**RI.M4Z**

M4 galvanised rack to weld 22x22x2000 mm.
Package of 1 pc.

**RI.M4ZF**

Galvanised slotted M4 rack 22x22x2010 mm for fastening to the side with the teeth. Supplied with M6 screws.
Package of 1 pc.

**RI.M6Z**

M6 galvanised rack to weld 30x30x2000 mm. Requires pinion RI.P6.
Package of 1 pc.

**RI.P6**

M6 gear, it needs the rack RI.M6Z.

**BULL.PI**

Raised foundation plate. Height 32 mm. Floor fixing distance 280x170 mm, no. 4 Ø 11 mm. External dimensions 335x220 mm.

**BULL.CA**

Anti-vandal casing. Only for models with spring-loaded limit switches.

**RF.SUN**

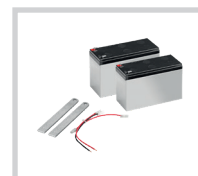
Battery-operated device recharged by means of a photovoltaic panel applied on a mobile edge.

**RF**

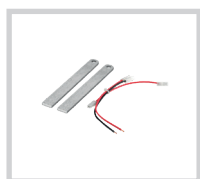
Device with a non rechargeable battery, with guaranteed duration 2 years.

**SC.RF**

Device powered at 12/24 Vdc with self-test function and 2 outputs for connection to the electronic control units.

**BT6.BAT**

1.2 Ah battery kit with bracket and cable.

**BULL1224T.CB**

Kit composed of cables and brackets for batteries installation.
Pack of 5 pieces.

**SIS**

Quick connection electronic board that allows synchronised movement of 2 automation devices (opposed sliding gates). One board for each motor is necessary.

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TECHNICAL DATA	BULL1524SE	BULL1524SE.S
Power supply	115 Vac / 230 Vac (50-60Hz)	115 Vac / 230 Vac (50-60Hz)
Motor supply	24 Vdc	24 Vdc
Max absorbed current	3.7 / 2 A	3.7 / 2 A
Power consumption in stand-by	0.8 W	0.8 W
Max Thrust	916 N	916 N
Opening speed	5.5 ÷ 11.7 m/min	5.5 ÷ 11.7 m/min
Duty cycle	continuous use*	continuous use*
Protection level	IP44	IP44
Magnetic limit switches	NO	YES
Operating temperature	-20°C /+50°C	-20°C /+50°C
Max gate weight	1500 kg	1500 kg
Driving gear for rack	M4 Z18	M4 Z18
Weight	16.1 kg	16.2 kg
Items no. per pallet	20	20

* In extreme operating conditions (environment T 50°C, gate weight 1500 kg) the cycle falls to 65%