

230_{VAC}400_{VAC}

64

BULL20M

BULL20T

INDUSTRIAL USE

BULL20M: control unit with built-in encoder and receiver

BULL20T: no control unit
personalised release key

up to 2000 kg

BENINCA

100%
Made in Italy

Irreversible electromechanical geared motor available in versions single-phase 230 VAC or three-phase 400 VAC. Metal release lever.

230 Vac

- 230 Vac single phase geared motor with built-in control unit and encoder
- The encoder device ensures crush prevention and precision in the gate moving phases
- Control unit equipped with electronic braking
- Version equipped with magnetic limit switches available (BULL20M.S)

400 Vac

- 400 Vac three phase geared motor with external control unit and electronic braking
- Self-ventilated motor for more intense use
- Version equipped with magnetic limit switches available (BULL20T.S)



CONTROL UNITS:

BULL20M ——— CP.BULL-RI

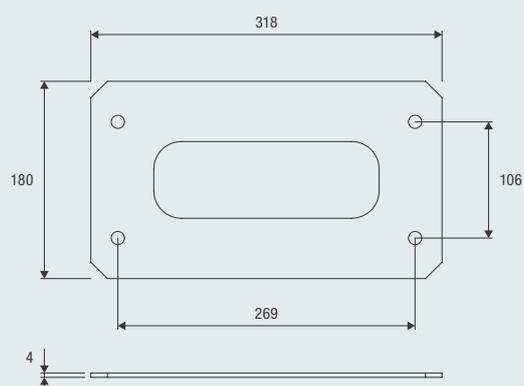
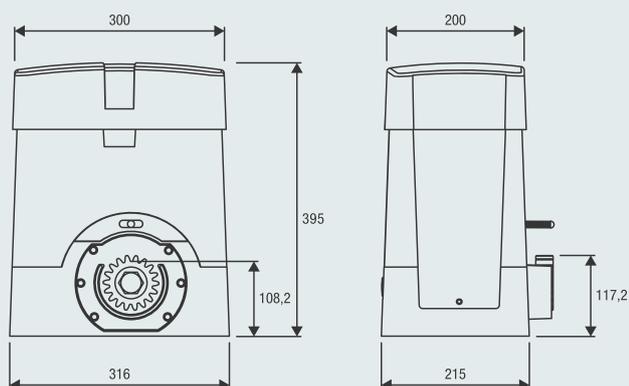
BULL20M.S ——— CP.BULL-RI

BULL20T ——— THINKY START

BULL20T.S ——— THINKY START



Foundation plate with anchor bolts included.
Motor and floor fixing distance
269 mm x 106 mm, no. 4 Ø 12 mm.

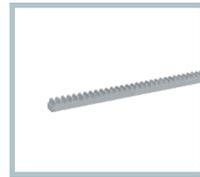




RI.M4F
M4 rack, to weld or attach with screws, 30x12x1000 mm slotted and galvanised. Supplied with M6 metric screws and threaded spacers.
Package of 4 pcs.



RI.M4Z
M4 galvanised rack to weld 22x22x2000 mm.
Package of 2 pcs.



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.



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, motor fixing distance 269x106 mm n.4 M10.



SB.BULL20.F
Externally fitted anti-intrusion cable unlock device (L=4.5m).



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.



ID.TA
Warning board.



IRI.TX4VA
4-channel transmitter with Advanced Rolling Code and Rolling Code.



IRI.TX4AK
4-channel transmitter with Advanced Rolling Code and Fixed Code.



IRI.LAMP
White full range flashing light, 20-255 VAC with built-in aerial.



IRI.KPAD
Battery operated wireless vandal-proof digital keypad with alert buzzer and backlit buttons. Triple coding: Rolling Code, Programmable Code and Advanced Rolling Code. 254 memorisable codes.



IRI.CELL
Pair of vandal-proof metal covers for PUPILLA/PUPILLA.R photocells, comprising front and rear shells with concealed screw. They can maintain perfect orientation over 180°.



PUPILLA
Pair of photocells adjustable to 180°. Option to synchronise up to 4 pairs, 24 VAC/DC power supply. Easy adjustment through a LED that signals optimal alignment. Compact size: 36x110x35 mm



DA.2S
Electronic board that allows synchronised movement of 2 automation devices (opposed sliding gates).

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TECHNICAL DATA	BULL20M*	BULL20M.S*	BULL20T	BULL20T.S
Power supply	230 Vac (50-60Hz)	230 Vac (50-60Hz)	≈ 400 Vac (50-60Hz)	≈ 400 Vac (50-60Hz)
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
Max 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
Duty cycle	40%	40%	intensive use	intensive use
Protection level	IP44	IP44	IP44	IP44
Built-in control unit	YES	YES	NO	NO
Magnetic limit switches	NO	YES	NO	YES
Operating temperature	-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
Weight	21.1 kg	21.3 kg	21.3 kg	21.4 kg
Items no. per pallet	20	20	20	20

* Available in 115 VAC version