24 VDC

VIRTUAL ENCODER

turbo

STC SYSTEM

arc only

KNX

512

BULL624 *TURBO*

BENINCA TECHNOLOGY TO OPEN | AUS

100%
Made in Italy

control unit with incorporated receiver and virtual encoder
personalised release key
built-in battery charger
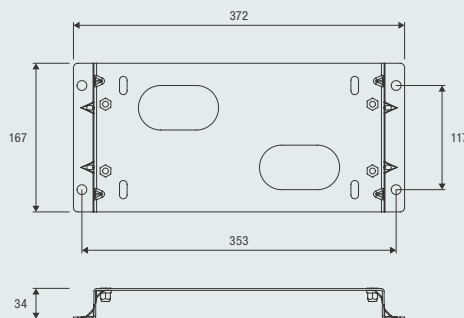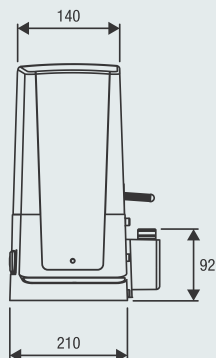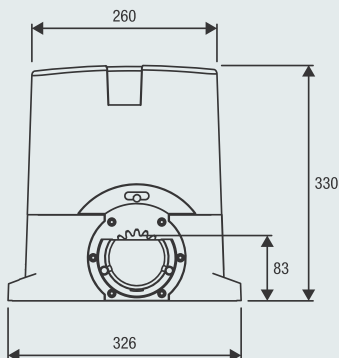
up to 600 kg

24 Vdc | intensive use

- Fast 24 Vdc geared motor for intensive use
  with integrated control unit equipped with switching
  power supply (115/240 Vac) that permits a reduced
  power use and a long lifespan of the actuator
- The main control unit, on the top part of the motor, makes it
  possible to facilitate the wiring procedure and also to calculate
  the position of the motor starting from the measurement
  of instantaneous speed (virtual encoder)
- The virtual encoder allows proper management of the
  slowing-down phases, movement tracking (STC system),
  and torque management in relation to the position of the gate,
  which guarantees maximum safety
- Self-programming with the radio transmitter can be
  activated at the first installation. Practical cableguides
- **Maximum performance and speed (25.5 m/min with 600 kg)**
- Anti-crushing system with amperometric obstacle detection
- Safety sensor that stops the motor power supply
  during release operations
- Designed for connection to the X.BE module to integrate
  the device into KNX home automation systems
- Convenient compartment for 2 mod. DA.BT2 2.1 Ah batteries
- Metal release lever
- Option to operate opposed sliding gates using the SIS accessory

Raised foundation plate included. Height 34 mm.
Floor fixing distance 353x117 mm, no. 4 Ø 11 mm,
motor fixing distance 300x75 mm n.4 M8.

www.BenincaAustralia.com.au

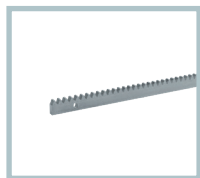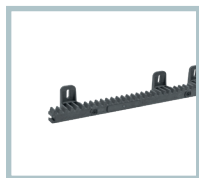| COMPLETE KITS	MOTOR	RACK	TRANSMITTER
KBULL624TURBO	1x **BULL624TURBO**	6x **RI.M4P** [6 m]	2x **TO.GO4A**

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.M4P
Nylon rack with
steel core, to attach
with screws, M4,
28x40x1000 mm.
Slotted, provided
with self-drilling screws.
Package of 10 pcs.

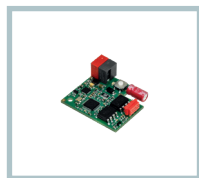### SB.BULL8.F
Externally fitted
anti-intrusion cable
unlock device (L=4.5m).

MLS
Magnetic limit switches.

X.BE
Electronic interface
board between
the KNX communication
system and Benincà
automation devices.

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.

BE.CODE
Wireless battery
operated keypad,
with triple coding.
Numerical membrane
keypad to guarantee
maximum activation
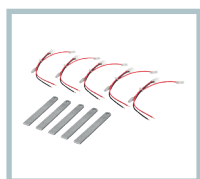sensitivity.
It can memorise
up to 254 PINs.

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

BULL624T.CB
Kit comprising 5 cables
and 5 brackets for battery
installation and operation
even in the event
of a power failure.

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

TECHNICAL DATA	BULL624 TURBO
Power supply	115 Vac / 240 Vac (50-60Hz)
Motor supply	24 Vdc
Max absorbed current	3 A
Power consumption in stand-by	8 mA
Max Thrust	330 N
Opening speed	12.5÷25.5 m/min
Duty cycle	60%*
Protection level	IP44
Operating temperature	-20°C /+50°C
Max gate weight	600 kg
Driving gear for rack	M4 Z18
Weight	10 kg

* In extreme operating conditions (environment T 50°C, speed 25.5 m/min, gate weight 600 kg) the cycle falls to 40%

[licensed installer]