



 400<sub>VAC</sub>


 230<sub>VAC</sub>

# BISON35 OTI

# BISON35 OTIL



## INDUSTRIAL USE

control unit with built-in receiver, magnetic encoder and inverter  
oil lubricated reductions  
IP68 limit switch  
personalised release key



**up to 3500 kg**

## BENINCA

**100%**  
Made in Italy

## 230 Vac | 400 Vac

- Three phase electromechanical geared motor available in 230 Vac (can be connected to 230 Vac single phase network) or 400 Vac (can be connected to 400 Vac three phase network)
- Ventilated for intensive use
- The encoder device ensures precision in the gate moving phases
- Full metal mechanics and oil lubrication with maximum efficiency even at low temperatures
- Casing protective treatment and paint
- The inverter technology allows for more precise adjustment of the gate moving phases, and increased crush prevention security
- Optional built-in FTC.S photocells, available as accessory

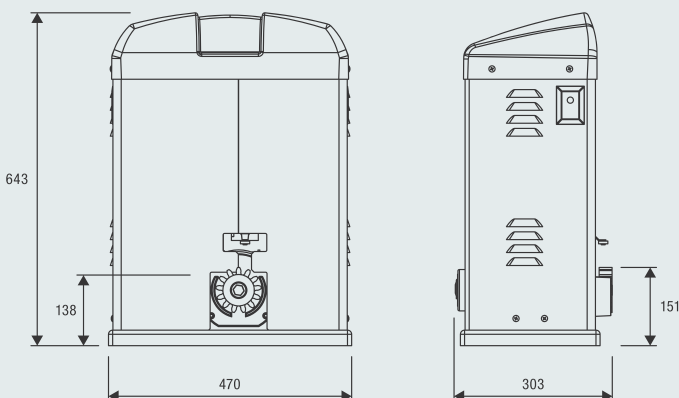
**Foundation plate not included**

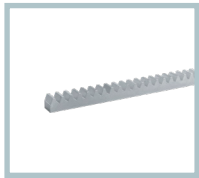


## CONTROL UNITS:

**BISON35 OTI** — CP.BISON OTI

**BISON35 OTIL** — CP.BISON OTI L





**RI.M6Z**  
M6 galvanised rack to weld 30x30x2000 mm.



**BISON.P35**  
Foundation plate with coach screws and support base for height adjustment. Motor fixing distance 410x210 mm n.4 Ø 13 mm.



**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.



**FTC.S**  
24 Vac/dc surface mounting photocell. It is possible to synchronise up to 4 pairs of photocells.



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

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TECHNICAL DATA	BISON35 OTI	BISON35 OTI L
Power supply	≈ 400 Vac (50-60Hz)	230 Vac (50-60Hz)
Motor supply	≈ 400 Vac	≈ 230 Vac
Max absorbed current	3 A	8 A
Max Thrust	3000 N	2500 N
Max opening speed	19 m/min	10.5 m/min
Duty cycle	intensive use	intensive use
Protection level	IP44	IP44
Operating temperature	-20°C /+50°C	-20°C /+50°C
Lubrication	OIL	OIL
Max gate weight	3500 kg	3500 kg
Driving gear for rack	M6 Z13	M6 Z13
Weight	50.8 kg	51 kg
Items no. per pallet	4	4