



BISON35 OTI

BISON45 OTI



INDUSTRIAL USE

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

up to 4500 kg



CONTROL UNITS:

BISON35 OTI — CP.BISON OTI

BISON35 OTIL — CP.BISON OTI L

BISON45 OTI — CP.BISON OTI

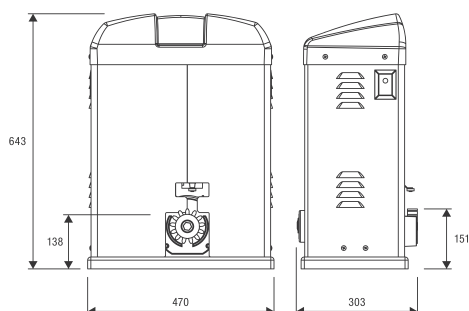


230 Vac | 400 Vac

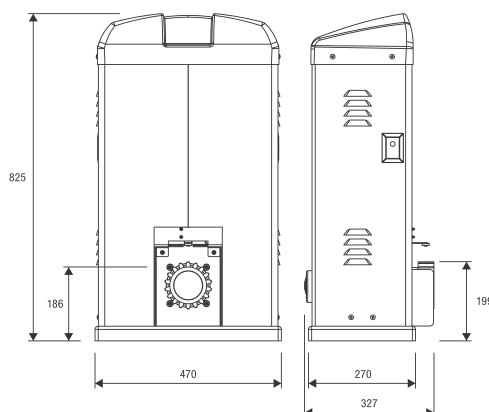
- Electromechanical three-phase gear motor, available at 230 Vac (BISON35 OTI L), connectable to 230 Vac single-phase mains, or 400 Vac (BISON35 OTI, BISON45 OTI) connectable to three-phase 400 Vac mains
- Ventilated for intensive use
- The encoder device ensures precision in the gate moving phases
- 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
- Safety sensor that interrupts the power supply motor during release operations (BISON45 OTI)

Foundation plate not included

□ BISON35 OTI | BISON35 OTI L



□ BISON45 OTI

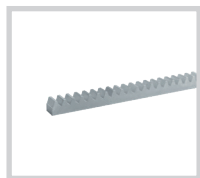


BISON35 OTI

Weight (kg)	Speed (m/min)
3,500	10
3,000	11
2,250	13
1,600	15
850	19

BISON45 OTI

Weight (kg)	Speed (m/min)
4,500	10
3,500	11
2,600	13
2,000	15
1,150	19

**RI.M6Z**

M6 galvanised rack to weld 30x30x2000 mm.
Package of 1 pc.

**BISON.P35**

Foundation plate with coach screws and support base for height adjustment. Motor fixing distance 410x210 mm n.4 Ø 13 mm.
 For BISON35 OTI/OTIL models.

**BISON.P45**

Foundation plate with coach screws and support base for height adjustment. Motor fixing distance 400x210 mm n.4 Ø 14,5 mm.
 For BISON45 OTI model.

**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.

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TECHNICAL DATA	BISON35 OTI	BISON35 OTI L	BISON45 OTI
Power supply	≈ 400 Vac (50-60Hz)	230 Vac (50-60Hz)	≈ 400 Vac (50-60Hz)
Motor supply	≈ 400 Vac	≈ 230 Vac	≈ 400 Vac
Max absorbed current	3 A	8 A	2.85 A
Max Thrust	3000 N	2500 N	5000 N
Max opening speed	19 m/min	10,5 m/min	19 m/min
Duty cycle	intensive use	intensive use	intensive use
Protection level	IP44	IP44	IP44
Operating temperature	-20°C /+50°C	-20°C /+50°C	-20°C /+50°C
Lubrication	OIL	OIL	OIL
Max gate weight	3500 kg	3500 kg	4500 kg
Driving gear for rack	M6 Z13	M6 Z13	M6 Z18
Weight	50.8 kg	51 kg	66 kg
Items no. per pallet	4	4	4