



# BIG 2000 FAST INVERTER

Gearmotor in **oil bath** for industrial sliding gates with max. **2000 kg** weight



Release with personalized key



Electrobrake



Stainless steel cover



Absolute Encoder RT

- ▶ Robust, cataphoresis- treated polyester paint sheet housing for heavy-duty applications of industrial type
- ▶ Mechanical torque controller in oil bath
- ▶ Special heat treatment of all internal parts for max. industrial operation resistance
- ▶ Control unit UNIGATE INVERTER on board
- ▶ Electric brake for optimisation on limit switches position
- ▶ On request stainless steel cover
- ▶ Fast opening up to 600 mm/sec

SPECIFICATIONS	BIG 2000 FAST INVERTER
Supply voltage	230V Single-Phase 50/60Hz
Motor Power	750 W
Opening speed	600 mm/sec
Frequency on use	100% (UNIGATE)
Max torque	2000 Nm
Operating T°	-20°C/+55°C
Weight	47kg
Max leaf weight	2000 Kg
Protection class	IP55
Limit switch	Absolute Encoder RT

# UNIGATE - I BIG *INVERTER technology*

## UNIGATE I (INVERTER)

- Digital control unit with LCD display
- Adjustable speed
- Adjustable acceleration/deceleration
- Continuous motor cycles
- High strength in slowdown
- Possibility to manage obstacle reverse

### Integrated functions on the UNIGATE INVERTER

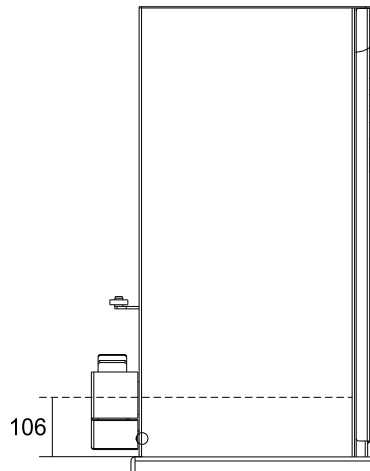
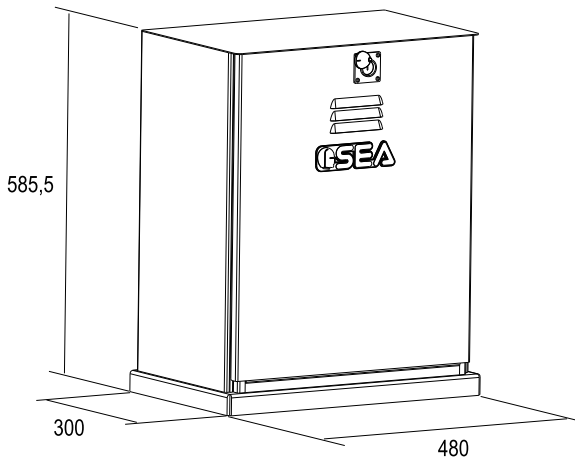
- 2 relay contacts
- 2 programmable GPIO outputs
- LE card on board for potentiometer
- Relay card on board
- PROBE heater card on board
- Management of two FV inverters for 2 motors or 2 PM modules for 4 motors
- Timer on board with buffer battery and management of 2 time bands
- 2 Ah switching transformer of which about 1.3 Ah free for other accessories



## Advantages:

- + Duty cycles
- + Torque
- + Speed (adjustable)
- + one model 90V to 265V

### DIMENSIONS (mm)



### ACCESSORIES



Yellow oil



PZ24M4  
Pinion Z 24 mod. 4



Safety microswitch  
kit on the door



Stainless steel  
cover (option)