



# BIG 4000 INVERTER

Gearmotor in **oil bath** for industrial sliding gates with max. **4000 kg** weight



Mechanical limit switch with lever



Internal photo



Cover in stainless steel

- ▶ Robust, cataphoresis- treated polyester paint sheet housing for heavy-duty applications of industrial type
- ▶ Mechanical torque controller in oil bath (optional version RT)
- ▶ Special heat treatment of all internal parts for max. industrial operation resistance
- ▶ On request BOX 6000 special version (for sliding gates with max. 6000 Kg weight)
- ▶ Electric brake for optimisation on limit switches position
- ▶ On request special version module 4 (only version with inverter or torque adjuster)
- ▶ BIG 4000 inverter with possibility of slowdown and reverse on obstacle

| SPECIFICATIONS       | BIG 4000 230V INVERTER        |
|----------------------|-------------------------------|
| Supply voltage       | 230V Monophase<br>±5% 50/60Hz |
| Motor Power          | 950 W                         |
| Opening speed        | 0,40 m/s (Z16 Mod.4)          |
| Frequency on use     | 100% (UNIGATE)                |
| Max torque           | 4000 Nm                       |
| Operating T°         | -20°C/+55°C                   |
| Weight               | 48 kg                         |
| Max leaf weight      | 4000 Kg                       |
| Anti crushing clutch | -                             |
| Protection class     | IP55                          |
| Limit switch         | Mechanical 4 Switches         |



# UNIGATE - I

## *INVERTER technology*

### UNIGATE 2I (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

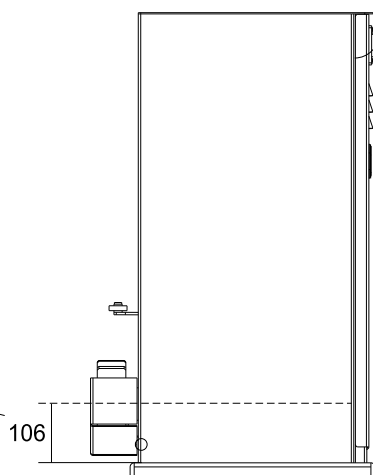
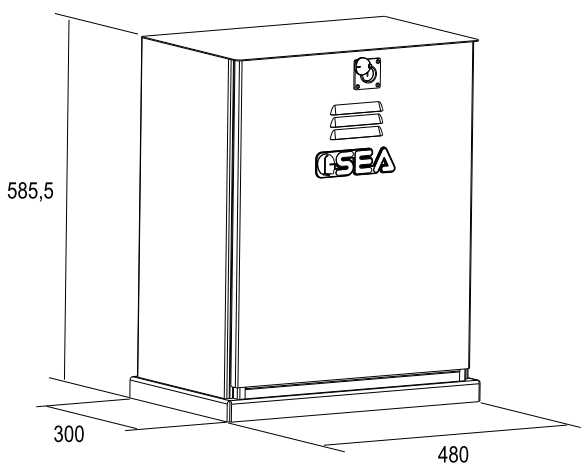
- 2 relay contacts
- 2 programmable GPIO outputs
- LE card on board for potentiometer
- Relay card on board
- PROBE heater card on board
- Management of two FV inverters for 2 motors or 2 PM modules for 4 motors
- Timer on board with buffer battery and management of 2 time bands
- 2 Ah switching transformer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



Pinion Z 12 mod. 6



PZ24M4  
Pinion Z 24 mod. 4



Safety microswitch  
kit on the door



Stainless steel  
cover (option)



SEA S.p.A.

Zona Industriale S. Atto (TE), 64100 - ITALY - Phone. +39 0861 588341- Fax +39 0861 588344

[www.seateam.com](http://www.seateam.com) | [info@seateam.com](mailto:info@seateam.com)