



# BIG 3000

Gearmotor in **oil bath** for industrial sliding gates with max. **3000 kg** weight



Mechanical limit switch with lever

- ▶ Carter in metal box with anticorrosion treatment and powder coating
- ▶ Special thermal treatment of internal gears for the max last in years
- ▶ Designed to be used on intensive applications even with frequency variator 50Hz to 90Hz
- ▶ Equipped with solid industrial type mechanical limit
- ▶ Pinion Z24 - mod. 4
- ▶ External control unit on option. Recommend control board inverter UNIGATE 1-I

SPECIFICATIONS	BIG 3000 230V
Supply voltage	230V / 380 V Threephase ±5% 50/60Hz
Motor Power	750 W
Opening speed	0,40 m/s (Z24 Mod.4)
Frequency on use	100% (UNIGATE)
Max torque	135 Nm
Operating T°	-20°C/+55°C
Weight	40 kg
Max leaf weight	3000 Kg
Protection class	IP55
Limit switch	Mechanical 4 Switches



# UNIGATE - I

## *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

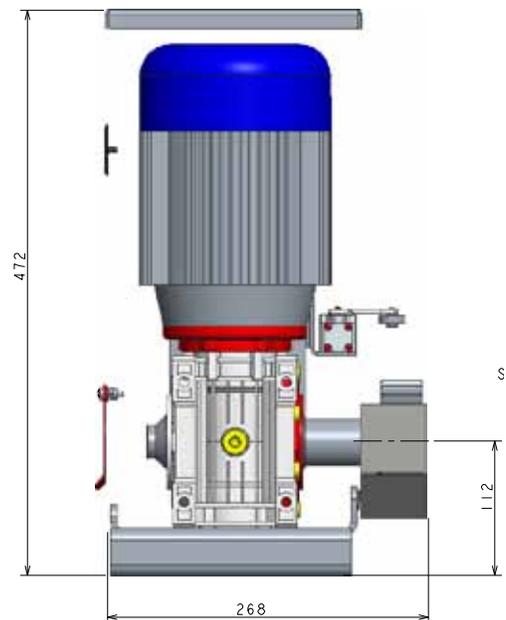
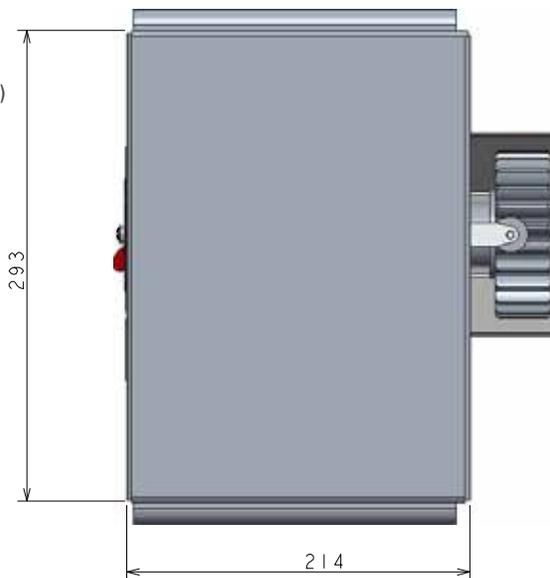
- 2 relay contacts
- 2 programmable GPIO outputs
- LE card on board for potentiometer
- Relay card on board
- PROBE heater card on board
- Management of two FV inverters for 2 motors or 2 PM modules for 4 motors
- Timer on board with buffer battery and management of 2 time bands
- 2 Ah switching transformer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

Pinion Z 12 mod. 6