

# Industrial **sliding gate** operators.

2019

**gds**  
gate drive systems australia

**Nice**



# Sliding Gate Operators

Low voltage

GDS 230/450 LVL

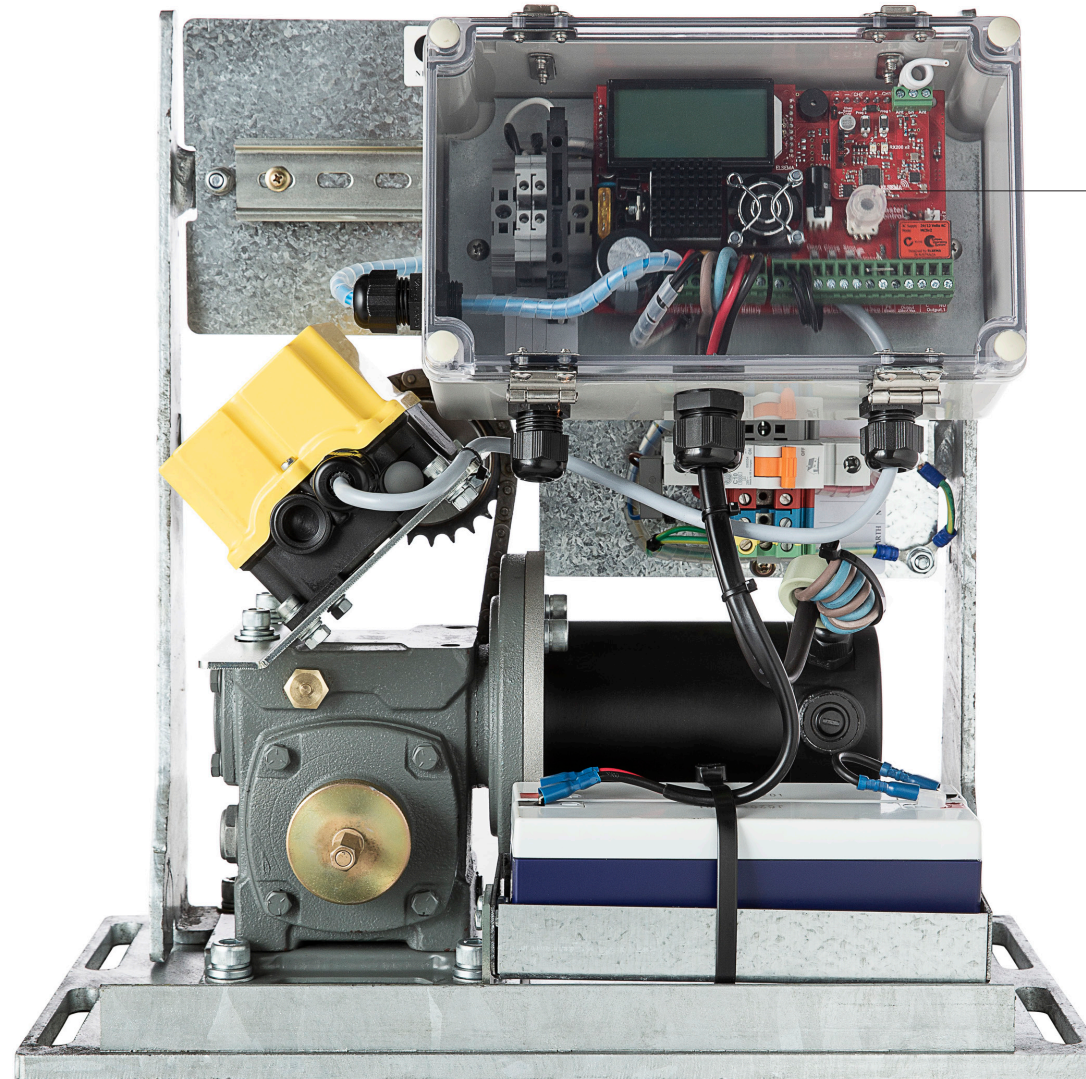


316 stainless  
steel cover

Low voltage sliding gate operators have been designed to fill a place in the market specifically for large industrial operators with low voltage requirements with main purpose for use on level ground track gates.

## Low voltage sliding gate operators

- compact
- quick fitting
- high duty cycle
- inbuilt control panel with 24v supply and battery back up as standard
- variable ramp up, ramp down, DC drive with variable open and close speeds
- 316 stainless steel cover
- control board has the facility for
  - safety photo electric cells
  - induction loops
  - remote control
  - contacts available for other functionality



Inbuilt control panel with 24v  
supply and battery back up  
as standard

## ACCESSORIES



### A BUMP 1.5 KIT

Sensitive Edge Safety Strip High Mechanical edge/aluminium profile 1.5m in length.



### FT 210 NICE

Optical device, with wireless transmitter to secure on movable leaf, horizontal adjustable through 210° and 30° vertically for an automation according to standards.



### F 210 NICE

Synchronised photocells horizontally adjustable through 210° and 30° vertically -simply perfect installations.



### A PE NIR-50 REFLECTIVE PE

12-24VDC  
24-240VAC



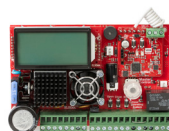
### RN6D

Heavy duty nylon rack 6 lugs down.



### S BUZZER

12-24AC/DC



### S CCT MCSv2

Elsema MCSv2 board  
A circuit board to suit a range of low voltage applications.



### A LD ULTRA DIN

Ultra DIN Loop Detector 9-30V DC (12-24vdc/24vac)  
Application Loop Detectors for sensing traffic presence.



### TX FOB43304

4 Channel Pentafof transmitter hardwearing and durable.  
Application Use with receiver boards.



### S LSW

50:1/100:1  
Ravioli limit switch.



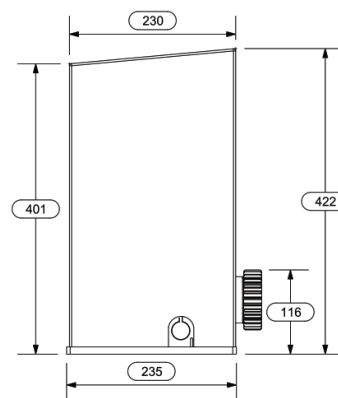
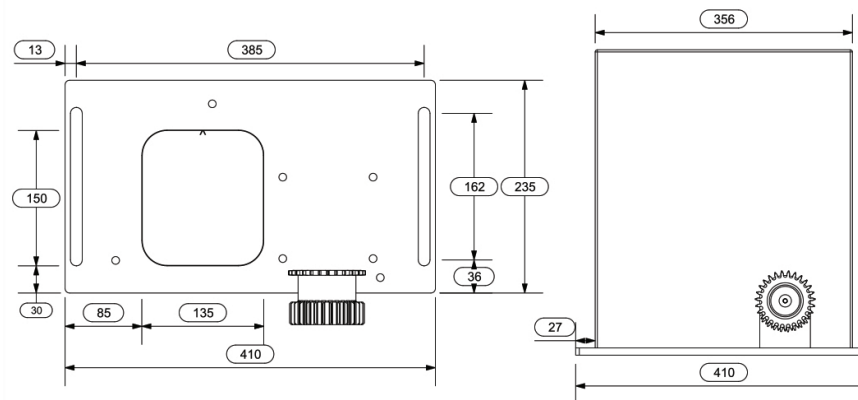
### S WL AMBER

12-24VDC  
24-240VAC

## TECHNICAL SPECIFICATIONS

MODEL	GDS 230 LVL	GDS 450 LVL
Motor Power	24v 120w DC	24v 120w DC
Gate Size Max	600kg, 8m approx	500kg, 8m approx
Input Power	240v AC or low voltage inc solar	240v AC or low voltage inc solar
Speed	230mm/sec ramp up ramp down feature	450mm/sec ramp up ramp down feature
Duty Cycle	100%	100%
Battery Back Up	2 x 2.3 AH Batteries included	2 x 2.3 AH Batteries included
Control Board	Elsema MCSv2	Elsema MCSv2

## DIMENSIONS





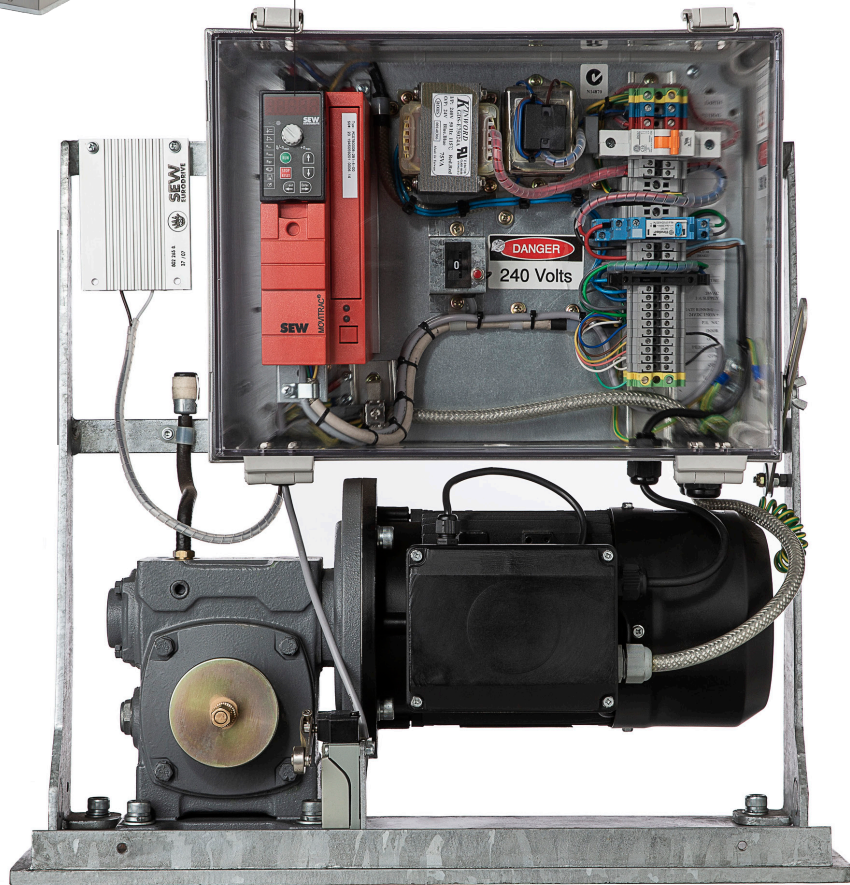
# Sliding Gate Operators

GDS 315LI/450LI/630LI/940 PI



316 stainless steel cove

GDS 940 PI with smart inverter driven controls

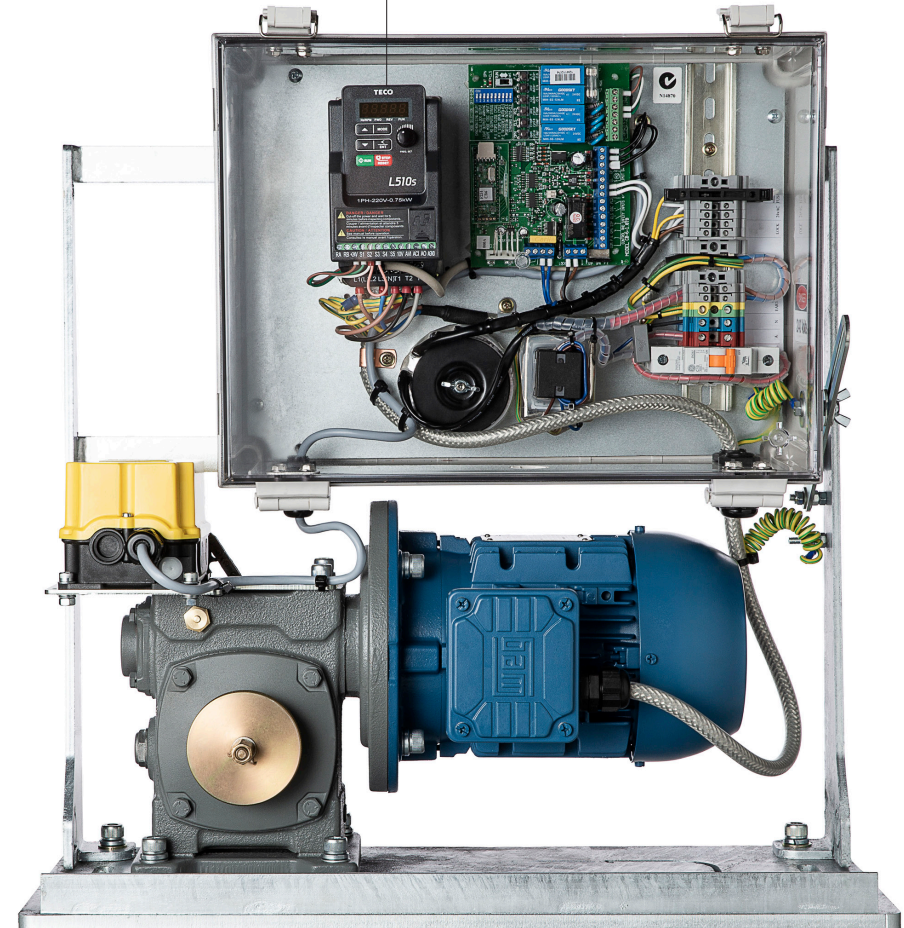


Single phase 240v inverter driven sliding gate operators are designed to provide the force and intensity of a 3 phase motor with the convenience of single phase input.

## Sliding gate operators

- inverter driven with a powerful microprocessor control board which allows maximum functionality which means they are easily adjustable ramp up/ramp down, opening/closing speeds for the ultimate experience in gate automation
- fast emergency stopping feature with inbuilt easy limits
- 100% duty cycle
- cast iron industrial grade gearboxes

GDS 630 LI with Teco inverter



## ACCESSORIES



### A BUMP 1.5 KIT

Sensitive Edge Safety Strip High Mechanical edge/aluminium profile 1.5m in length.



### FT 210 NICE

Optical device, with wireless transmitter to secure on movable leaf, horizontal adjustable through 210° and 30° vertically for an automation according to standards.



### F 210 NICE

Synchronised photocells horizontally adjustable through 210° and 30° vertically -simply perfect installations.



### A PE NIR-50 REFLECTIVE PE

12-24VDC  
24-240VAC



### RN6D

Heavy duty nylon rack 6 lugs down.



### TX FOB43304

4 Channel Pentafob transmitter hardwearing and durable.

Application  
Use with receiver boards.



### S CCT CB6

ATA Cb6 board

A circuit board to suit a range of 240 volt applications.



### A LD ULTRA DIN

Ultra DIN Loop Detector 9-30V DC (12-24vdc/24vac)

Application  
Loop Detectors for sensing traffic presence.

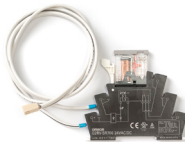


### S .75KW WEG INVERTOR



### S LSW

50:1/100:1  
Ravioli limit switch.



### S-F/L REL

Flashing light relay for CB6



### S GSM G-2000

Elsema GSM



### S WL AMBER

12-24VDC  
24-240VAC



### S .75Kw L510S

Teco inverter drive



### S BUZZER

12-24AC/DC



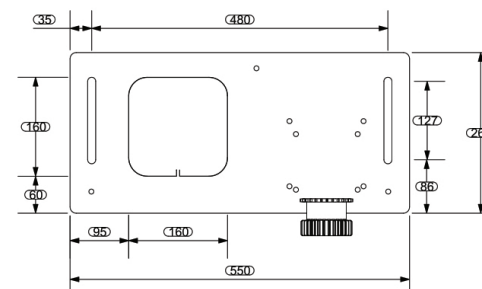
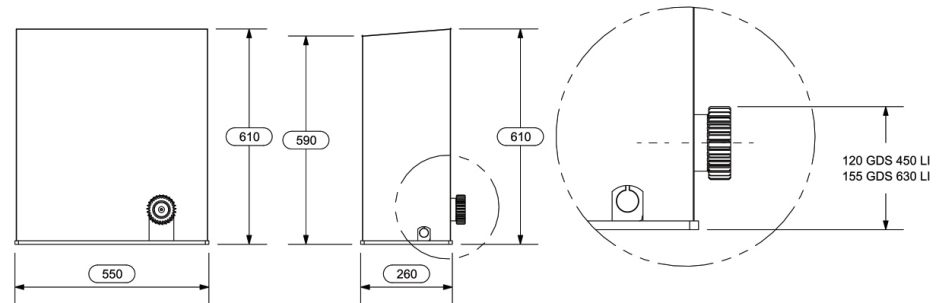
### S POWER SUPPLY

240VAC-12VDC

## TECHNICAL SPECIFICATIONS

MODEL	GDS 315	GDS 450	GDS 630	GDS 940
Motor Power	750w	550w	750w	750w
Gate Speed (approx)	315mm/sec	450mm/sec	630mm/sec	940mm/sec
Input Power	240v 10A	240v 10A	240v 10A	240v 10A
Linear Force	up to 200kg	up to 80kg	up to 100kg	up to 100kg
Gate Weight	3500kg	800kg	2000kg	1000kg

## DIMENSIONS





# Sliding Gate Operators

GDS 315/450/630 L

Single phase or 240v inverter driven sliding gate operators are designed to provide the force and intensity of a 3 phase motor with the convenience of single phase input.

## Sliding gate operators

- inverter driven with a powerful microprocessor control board which allows maximum functionality which means they are easily adjustable ramp up/ramp down, opening/closing speeds for the ultimate experience in gate automation
- fast emergency stopping feature with inbuilt easy limits
- 100% duty cycle
- Cast iron industrial grade gearboxes



industrially powder coated cover



Cast iron industrial grade gearboxes



316 stainless steel cover



Remotely mounted control panel for ease of installation

## ACCESSORIES



### A BUMP 1.5 KIT

Sensitive Edge Safety Strip High Mechanical edge/aluminium profile 1.5m in length.



### FT 210 NICE

Optical device, with wireless transmitter to secure on movable leaf, horizontal adjustable through 210° and 30° vertically for an automation according to standards.



### F 210 NICE

Synchronised photocells horizontally adjustable through 210° and 30° vertically -simply perfect installations.



### A PE NIR-50 REFLECTIVE PE

12-24VDC  
24-240VAC



### RN6D

Heavy duty nylon rack 6 lugs down.



### TX FOB43304

4 Channel Pentafob transmitter hardwearing and durable.  
Application  
Use with receiver boards.



### S CCT CB6

ATA Cb6 board  
A circuit board to suit a range of 240 volt applications.



### A LD ULTRA DIN

Ultra DIN Loop Detector 9-30V DC (12-24vdc/24vac)  
Application  
Loop Detectors for sensing traffic presence.

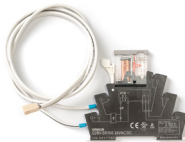


### S .75KW WEG INVERTOR



### S LSW

50:1/100:1  
Ravioli limit switch.



### S-F/L REL

Flashing light relay for CB6



### S GSM G-2000

Elsma GSM



### S WL AMBER

12-24VDC  
24-240VAC



### S BUZZER

12-24AC/DC



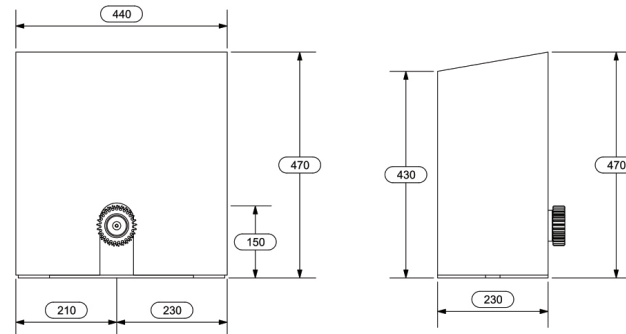
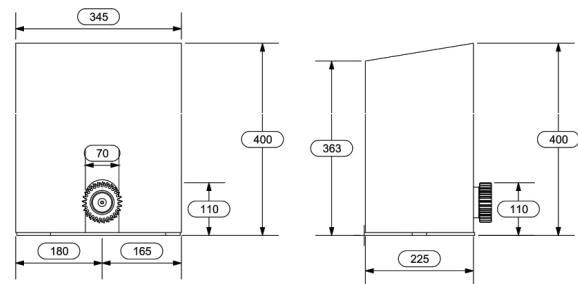
### S POWER SUPPLY

240VAC-12VDC

## TECHNICAL SPECIFICATIONS

MODEL	GDS 315	GDS 450	GDS 630
Motor Power	750w	550w	750w
Gate Speed (approx)	315mm/sec	450mm/sec	630mm/sec
Input Power	240v 10A	240v 10A	240v 10A
Linear Force	up to 200kg	up to 80kg	up to 100kg
Gate Weight	3500kg	800kg	2000kg

## DIMENSIONS







## Residential, commercial and industrial systems for the automation and control of gates and barriers

Nice residential systems providing integrated management using smart and intuitive interfaces: practical, functional and elegant solutions to help you enjoy your living spaces to the full.

Nice Australia produce industrial quality GDS products designed and manufactured in Australia, for Australian conditions. Gate drive systems are 100% duty cycle with intelligent inverters that allow the installer a vast amount of options.

The products are underpinned by exceptional service and support direct from the Australian manufacturer.

**Nice**

**Nice Australia**  
8 Bennet Ave  
Melrose Park SA 5039  
1300 00 NICE  
[niceforyou.com/au](http://niceforyou.com/au)

**gds**  
gate drive systems australia



Nice cares for the environment.  
Using natural paper it avoids  
excessive use of raw materials  
and forest exploitation.  
Waste is reduced, energy is saved  
and climate quality is improved.