

# Axess® Pro Series 3100

## Industrial Roller Shutter Opener – 240Va.c. 10A 1-phase GPO Plug-In with Inverter

The **Axess® Pro Series 3100** range of industrial roller shutter openers provide powerful, inverter controlled, reliable and clever automation options.

### Universal Operation

Each unit is configurable out-of-the-box as a left- or right-handed opener thanks to an innovatively designed modular timing assembly and output shaft.

### M-ALPS (Magnetic Automatic Limits Positioning System)

Housed in a rubber sealed enclosure, the magnetic sensing system is highly resistant to dust, grease and other elements, while offering easy setup and maintaining accurate limits.

### Plug-In Power Supply

All 3100 models are ready to plug in to a standard 240V 10A 1-phase general purpose outlet for ease of installation.

### Inverter Control

Using a custom designed inverter, 3100 models can offer:

- Soft start/stop operation - Ramping speed up and down at the start and end of each cycle to reduce stress on the shutter and opener for longer life and quieter operation.
- Speed control - The opener's operating speed can be varied to better suit the needs of the shutter and the install.

### Plug & Play Control Options

For ease of connection, both console options connect to the powerhead via a pre-plugged CAT-5E data cable.

As standard, both options include:

- Open/Stop/Close buttons
- PG-3 Programmer connectivity
- Service indicator

The Full Logic option also provides:

- LCD screen
- Multi-button menu system with password protection
- Storage for up to 511 TrioCode™ transmitters with customisable alpha-numeric names e.g. "AB SMITH1",
- 24-hour real time clock with programmable functions
- Integration for operating inputs such as magnetic/pulse locks, PE Beams and loop detectors

### 3-phase Motor

As shutter openers have demanding power and reliability requirements, 3-phase motors are used across the range.

### Oil Filled, Heavy Duty Gearbox

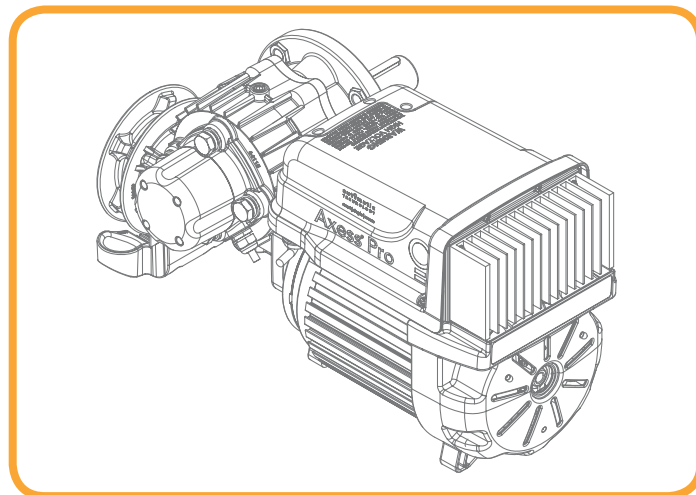
The heavy duty S45 steel and phosphor bronze gearing is immersed in a breatherless oil bath for immense reliability.

### Common Mounting Pattern

All models are compatible with the common 92mm mounting hole pattern found on many new and existing installations.

### Motor Overload Detection

As the 3-phase motor is designed to run with full load current, adjustable overload detection is provided to protect the shutter and opener if a physical obstruction occurs.

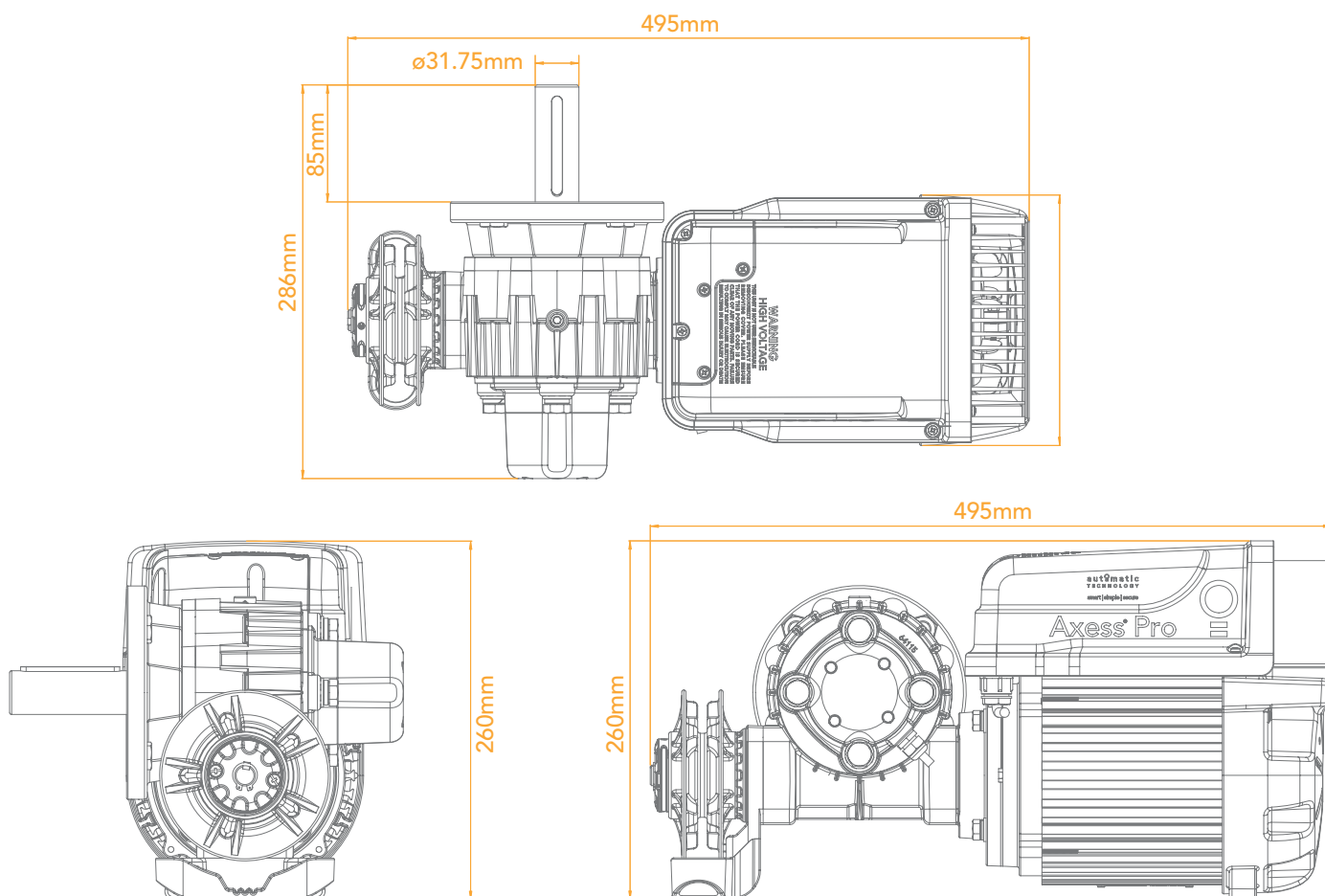


Specifications	Axess 3100 Models
Power Supply	230-240Va.c. 50Hz 1-phase
Motor Power Options	375W (0.5HP) & 750W (1HP)
Motor Type	3-phase 240Va.c. Delta Connection
Power Control/Switching	Inverter
Mains Fuses	10A 250V Slow Blow Fuse
Controller Fuse	10A 250V Slow Blow Fuse
Duty Cycle	60%
Opener Limits Travel	21 turns of output shaft - (approx. 6000mm door height)
Receiver Type	UHF Multi-frequency FM Receiver
Receiver Storage Capacity	511 X 4-Button Transmitter Codes
Receiver Sensitivity	-103 dB
Transmitter System	TrioCode™ (UHF Multi-frequency FM Transmitter)
Coding Type / Code Generation	Code hopping / Non-linear encryption algorithm
No. of Code Combinations	Over 4.29 billion random codes
Courtesy Light	Common Collector Transistor Output
Time Clock Battery	CR1220 (1.5V)

## 3100 Model Capabilities & Kit Contents

Model	Motor Power (+ ID plate colour)	Powerhead Weight	Shutter Size	Included Components					
				Basic O/S/ C Console	Full Logic Console	PE Beams	PTX-5 TXers	10B Drive Chain (5 feet)	14-tooth Output Shaft Sprocket
3105 M	0.5 HP	19kg	18m <sup>2</sup>	Yes	No	No	No	Yes	Yes
3110 M	1.0 HP	21kg	36m <sup>2</sup>	Yes	No	No	No	Yes	Yes
3105 L	0.5 HP	19kg	18m <sup>2</sup>	No	Yes	Yes	Yes (x2)	Yes	Yes
3110 L	1.0 HP	21kg	36m <sup>2</sup>	No	Yes	Yes	Yes (x2)	Yes	Yes

## 3100 Model Dimensions



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