

D10 & D10 Turbo High Speed Sliding Gate Operators

24vdc Industrial operator with battery back up



The D10 sliding gate operators use a high torque 24vdc motor, coupled to a robust gearbox that provides an automation system that is fast, powerful, easy to set up and fitted with battery back up.

The D10 series can be used on gates weighing up to 1000 kgs and are suitable for all unit complexes and factory entrances.

The D10 will open a standard 6 metre industrial gate in 14 secs and the D10 Turbo will open the gate 8 secs depending on the weight.

In both cases the opening and closing speeds as well as the ramp up/ramp down are independently adjustable. This means that you can have your gate opening at full speed and closing at a slower rate, to help reduce accidents and damage to the gate.

The user friendly LCD control panel allows the installer a quick and easy way to program numerous functions simply by clicking through the intuitive menu.

The many options available include control of pillar lights, gate operating modes, a seven day timer to time bar or activate physical inputs and individual radio transmitters.

A rolling code high security Nova radio receiver is built into the control panel and individual transmitters can be added or deleted from the receiver memory, which can store 500 transmitter codes.

Battery back up is a standard feature of the D10 series, this gives peace of mind during storms or other power failure situations.

Safety sensing and control of the open and closed position is provided through the DOSS operating system that has been in use for more than 10 years on previous models.

The diagnostic LCD display aids fault finding while the control panel monitors safety circuits to ensure correct and safe operation of the gate operator.



Control Panel



Control Panel

Battery

Die Cast Base

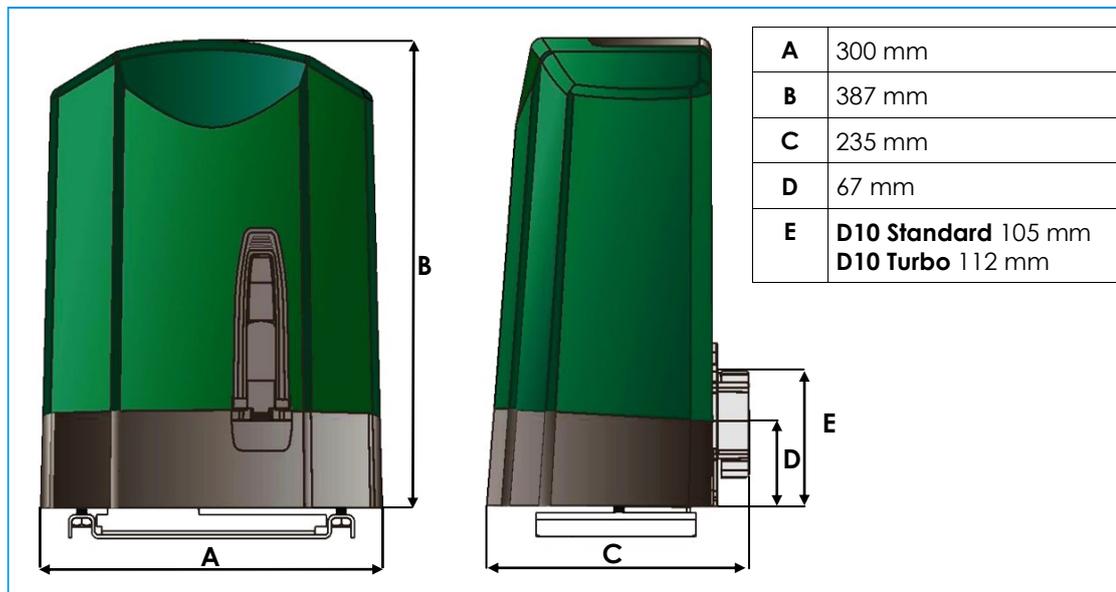
Technical Specifications

Sliding Gate Operator	D10	D10 Turbo
Warranty	24 Months	
Input voltage	220V + - 10%, 50Hz	
Motor voltage	24vdc	
Current Consumption (Mains)	170mA	
Operator push force - starting	40kgf	20kgf
Operator push force - rated	30kgf	15kgf
Gate mass - maximum	1000kg	Varies with gate speed
Gate length - maximum	100m	50m
Maximum Gate speed (varies with load)	22 - 26 m/min	23 - 50 m/min
Maximum number of operations per day	750	
Operating temperature range	-15°C to + 50°C	
Duty Cycle	45%	25%
Mass of unit packed	15kg	

D10 Turbo Maximum operating speed vs gate mass

Gate Mass (Kg)	Max. Running Speed (m/min)	Gate Mass (Kg)	Max. Running Speed (m/min)
240kg	50 m/min	700kg	27 m/min
300kg	42 m/min	800kg	25 m/min
400kg	36 m/min	900kg	24 m/min
500kg	32 m/min	1000kg	23 m/min
600kg	29 m/min		

Dimensions



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