



OAE AUTO-GATE SYSTEM

QUALITY ▶ RELIABILITY ▶ SAFETY ▶ SECURITY



SLIDING MOTOR

Model : 888

DRIVE MOTOR

Model : 222

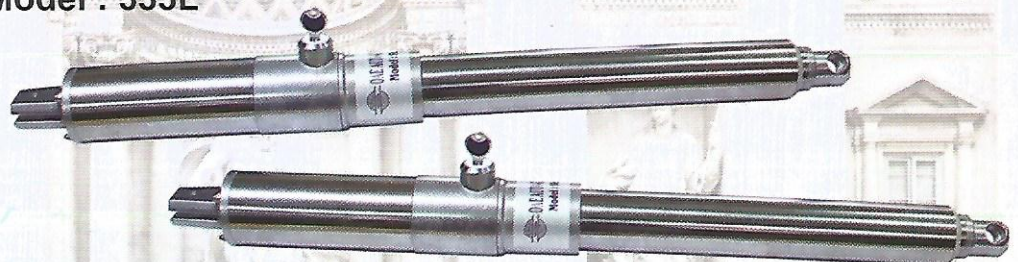


FOLDING & SWING (ARM)



● Model : 333A

● Model : 333L



● Model : 333B (with Key Lock)



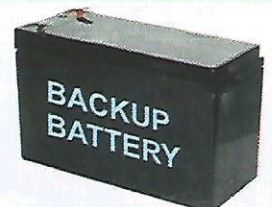
● Model : 111



Reminder

Always prefer a low voltage DIRECT CURRENT motor rather than a motor powered by 230 volts main supplied to avoid electric shock hazard.

In case of power failure, uninterrupted services can only be possible by using 12 volts DIRECT CURRENT motor operated by Backup Battery.



TRANSMITTER AND RECEIVER

- Type : Battery operated, Modulated radio wave 2- channel, 330mhz.
- Range : Effective 20 meters
Max 40 meters
- Security : Using encoder & decoder set by 8 x 3 ways dip-switch easily accessible and change by owner

Reminder

Only operate the auto-gate when you have visual contact with it to make sure no people and object blocking the path. Avoid using a remote controller with unnecessarily long operating range.



FOLDING TYPE



SWING TYPE

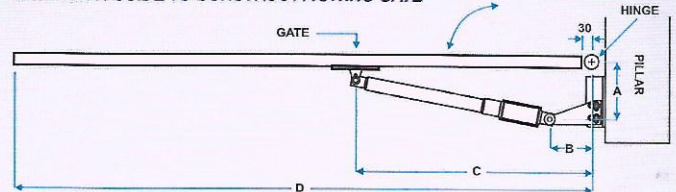
Model : 333A, 333B

TECHNICAL SPECIFICATION :

Swing type auto-gate

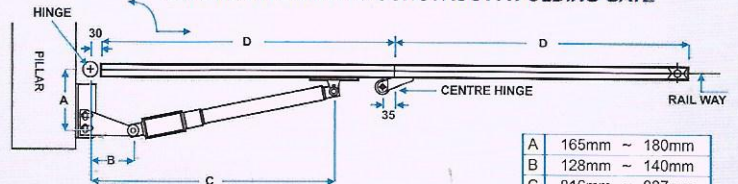
- Driving Method : Electro - mechanical screw driver piston type
- Operating Voltage : DC 18 V for normal speed
DC 12 V for ending speed
- Motor Output : 15 watt per arm
- Motor Amp. : 2.1
- Piston displace : 32 cm
- Piston Speed : 2.9 cm/sec
- Back-up Battery : 12 volt. 7AH Rechargeable
- Safety Clutch : Electric current sensing using Hi-Amp Auto-Reverse / stop.
- Safety Barrier : Infrared beam sensor (optional)
- Electric Controller : Micro-processor based
- Manual Operation : Special released Key / devise during power failure.

DIMENSION GUIDE TO CONSTRUCT A SWING GATE



A	165mm ~ 180mm
B	128mm ~ 140mm
C	816mm ~ 837mm
D	Min 1000mm

DIMENSION GUIDE TO CONSTRUCT A FOLDING GATE



A	165mm ~ 180mm
B	128mm ~ 140mm
C	816mm ~ 837mm
D	Min.1000mm



● Model : 222

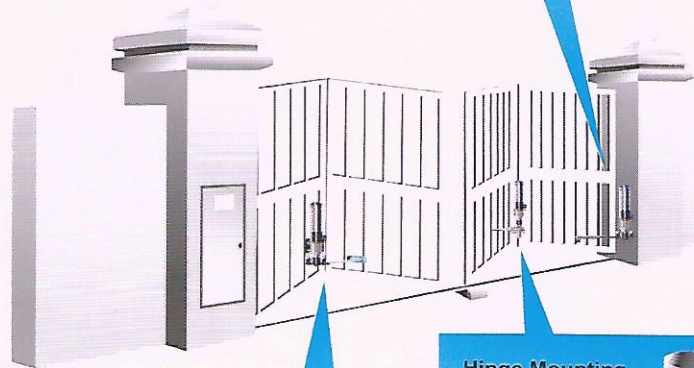
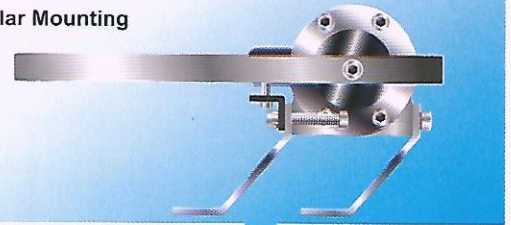
TECHNICAL SPECIFICATION :

Driving Method	Electro - mechanical rotatory type, completed with planetary speed reducer
Operating Voltage	18 volt for normal speed 12 volt for ending
Motor Amp	working amp Range from 0.8 amp - 2.50 amp pending on type of mounting and condition of gate
Torque	12 volt produce 11kg - meter 18 volt produce 20kg - meter
Rotational Speed	13 seconds per 90° at 12 volt. 8.6 seconds per 90° at 18 volt
Back-up Battery	12 volt . 7AH Rechargeble.
Safety Service	Current sensor using Hi - Amp cut and Auto - Reversal / Stop.
Safety Barrier	Infra - Red beam sensor (optional).
Electric control	Micro - processor base
Manual Operation	Gate can be free using released key during power failure.

Reminder

Always choose to have a drive gate system with lower torque to reduce the risk of injuries / damage during an accident. A 20kg-meter torque is good enough for most standard gates.

Pillar Mounting



Hinge Mounting



Gate Mounting



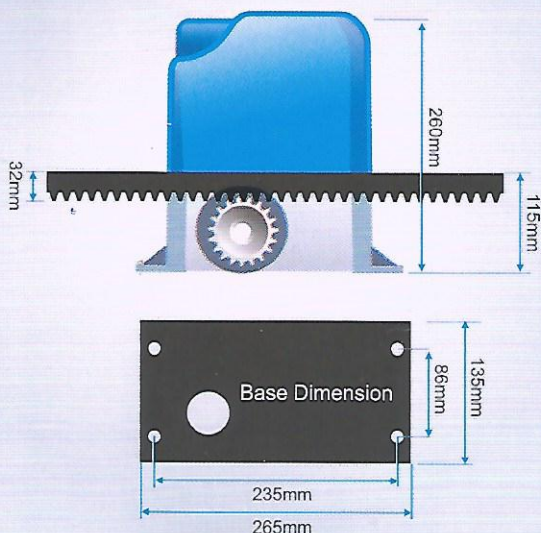
Oil bath gear box for longer life span

● Model : 888

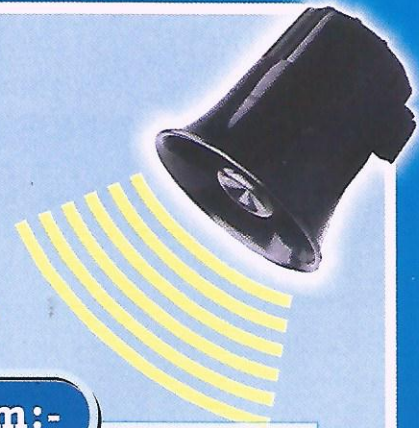
TECHNICAL SPECIFICATION :

Sliding type auto-gate

Driving Method	: Rack and Pinion of module 4
Operating Voltage	: DC 18 V for normal speed DC 12 V for ending speed
Motor Output	: 30 W
Motor Amp.	: 3.5
Motor Rotation Speed	: 1800 RPM at 12 V
Normal Speed	: 25 cm/sec linear
Ending Speed	: 12 cm/sec linear
Back-up Battery	: 12 volt. 7AH Rechargeable
Safety Clutch	: Electric current sensing using Hi-Amp Auto-Reverse.
Electric Controller	: Microprocessor based
Safety Barrier	: Infrared beam sensor (optional)
Gear Box	: Oil Bath worm type reducer
Manual Operation	: Special released Key for power failure.



Due to our continuous improvement, the content in this brochure may be different from time to time. The manufacturer reserve the right to alter any specification for improvement without prior notice.



Reasons for choosing OAE Auto-gate System:-

Quality	12-months manufacturer warranty.
Reliability	Advanced microprocessor-based electronic low-voltage controller and distributor with auto-analysis and self-diagnostic functions encased in weather resistant housing.
Safety	12-volts DIRECT CURRENT motors eliminating the dangers of electric shock hazard and operating safely even in rains and floods.
Security	UHF remote control transmitter and receiver with code encryption dip-switch technology offering the finest security performance.
Emergency	Instant panic alarm function operated through remote control. (Optional)
Efficiency	Dual speed motors reducing to ultra low speed while reaching the ends of opening or closing the gate, eliminating any crushing impact.
Protection	Electronic overload sensor provide instant stop and auto-reversal upon contact with obstacle for extra protection to children and elderly in case of emergency.
Convenience	Uninterrupted service with rechargeable back-up battery for 72-hours or 70-cycles during power failure.
Simplicity	Self locking system after gate closed to keep away un-recognised visitors. Since no solenoid lock is required, resulting in maintenance free advantages.
Technology	The OAE high-tech arm/drive are installed above the ground, eliminating common problems of water getting into the motor. Besides, it provides multiple mounting choices (swing in/out) to maximize entry/exit clearance. For sliding gate system, due to its oil bath lubricating design, it will serve a smoother operation and longer life span.

Authorised Dealer / Installer:

