

# 24V Traffic Barriers

Models SGDBARRIER, SDGBARRIER-SS



GATE DRIVE SOLUTIONS LTD.

100% New Zealand owned and operated

[www.gatedrivesolutions.nz](http://www.gatedrivesolutions.nz)

## TECHNICAL DETAILS

- For intensive use
- Duty cycle - 100% when connected to 230Vac power source
- Battery back-up - 2 x 12V 2.3Ahr
- Barrier arm - adjustable 4m to 6m
- Power requirements - 240 V 50 Hz, or 24 V dc, or Solar
- Resting current draw - 20mAmp
- Working current draw - 3 Amp
- Operation temperature range - -15C to +60C
- Barrier weight - base 60Kg
- Barrier arm - 1.4Kg/m
- Operational speed - 4 to 6 seconds, depending on controller settings, arm length, spring loading



**Easy Installation** Fixed in position by bolting a holding plate down with 4 x M10 Masonry Anchor Bolts

**Elsema MSC** To facilitate a wide range of functions

**Control Board** Auto close - after a designated time delay.

Security close - in conjunction with a Safety Photocell and/or Loop Detector, activates the closing cycle when it detects the passage of a vehicle. An adjustable timer allows the vehicle to clear the gateway before the Barrier Arm lowers.

Obstruction sensing - during the lowering cycle, the Barrier Arm will automatically return to an open position if an obstruction occurs and/or is detected by photocell or vehicle loop detector.

**Drive System** A powerful 80w 24V dc Geared Motor drives the system.  
The Barrier Arm is driven directly through linkages and gearbox.

**Control Devices** Compatible with a wide range of Control Devices: - card access control systems, radio transmitters, vehicle loop detector, etc.

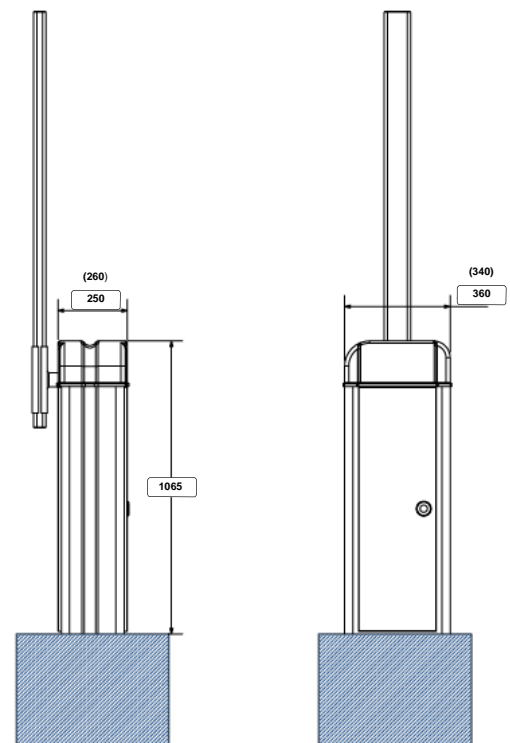
DIMENSIONS	Standard	Stainless-steel
Height	1055mm	1055mm
Width	380mm	340mm
Depth	250mm	260mm
Barrier Arm in cross - section	95mm high and 46mm wide with an Octagonal Shape	

**PLEASE NOTE:** Safety facilities like Vehicle Loop Detectors, Safety Flashing Lights and Safety Photocells are recommend to be installed on site in all cases.

The barrier is for vehicles only.

Pedestrians should use a separate entrance.

Regular servicing of the barrier is required. Failure to do so can increase the risk of injury or death and reduce the lifespan of the barrier.



Imported and marketed in New Zealand by GATE DRIVE SOLUTIONS LTD.

www.gatedrivesolutions.co.nz Phone: 09 419 5483

The Information contained in this document is subject to change without notice. 17 May 2017