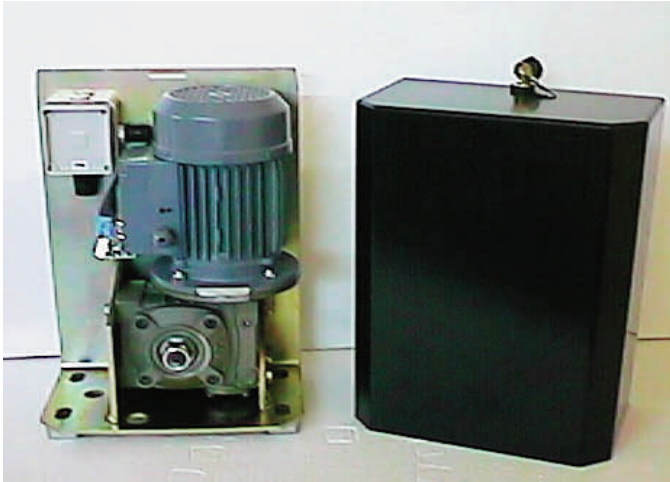




MAGDRIVE

Info



MAGDRIVE SL03-ATA SLIDE GATE DRIVE

Slidrive2.Pub

Issue One

DESCRIPTION

Designed for commercial use the SL03-ATA Slide gate drive system comprises a 3 phase motorized worm gear drive with a gearwheel fitted to the output shaft. The gearwheel meshes with a straight gear rack attached to the sliding gate leaf. Motor rotation in either direction causes linear movement of the gate leaf.

Travel speed is fixed at 200mm per sec using the CB6 control.

A clutch fitted to the gearbox output shaft enables mechanical adjustment of the driving force transmitted to the gear rack. Loosening of the clutch allows the gate leaf to be pushed manually. The gearbox is otherwise self locking and the gate leaf may not be pushed whilst the motor is inactive.

The drive unit is enclosed within a corrosion protected steel mounting frame and weather cover. The microswitch necessary for gate position reporting is also mounted on this frame.

The SL03-ATA control accepts hard wired inputs from external dry contacts including safety devices to initiate gate movement.

An on board radio receiver card can enable remote operation by hand held transmitter.

Safety device inputs inhibit gate closure whilst an obstacle is present. Safety devices i.e P E beam are recommend for gates programmed to close automatically.

Partial opening of the slide gate for pedestrian access is a feature of the CB6 control.

Automatic closure is available as an option.

SPECIFICATION

Drive Unit	0.5HP 400v 50Hz
Output Speed (at 50Hz)	36 rpm
Current	
Size	400 x 290 x 175
Weight	5 Kg
Protection	IP55