

High Speed Industrial Sliding Gate Operators

Suitable for intensive use applications

MODEL DA500

1200Kg Gate Capacity
500mm/sec* opening speed

MODEL DA700

2000 Kg Gate Capacity
700mm/sec* opening speed

**Variable Speed Drive Systems*

Proudly Manufactured in Australia by Downee



PRODUCT FEATURES:

- Easy-set limit switch cams
- 4 Cam limit switch for slow speed and stop control
 - Gearbox Breathers for intensive use
 - Hot-dipped Galvanised chassis
- Easy Clutch release with torque limiter protection
 - Stainless Steel Outer Cabinet
 - Elsema controls with 4 line screen display
 - WEG brand, constant torque control inverter
- Controls all pre-wired in vented control box EMC approved
 - 3 phase Brake Motors for positive security locking
 - High Torque Motors
- Cast Iron, Industrial grade, high efficiency gearbox - tried and proven

Model Specifications:

	DA 500	DA 700
Input Voltage	240	240
Maximum Current Draw <i>Note 1</i>	2A	3A
Motor Power	550w	750w
Approximate open speed at 50Hz <i>Note 2</i>	500mm/sec	700mm/sec
Approximate pushing force <i>Note 3</i>	1,150N	1,200N
Gate weight <i>Note 4</i>	1,200kg	2,000kg
Gate length (standard) <i>Note 5</i>	11.5m	13.5m
Duty cycle <i>Note 6</i>	100%	100%
Temperature Range <i>Note 7</i>	-10° to +40°	-10° to +40°
Weight of operator	70kg	75.5kg

Note 1. Mains current draw is load dependant. A 240 V 10A supply is suitable for all operators.

Note 2. The speeds stated are approximate at 50Hz. The operating speeds can be easily changed via the variable speed drive to suit the application. All sliders will start off at slow speed and finish at slow speed before full open and close position.

Note 3. Pushing forces are approximate and to give a guide only, such factors as VSD current setting and mechanical torque limiter setting will vary these stated figures.

Note 4. Gate weights are a guide, factors such as track inclines, wheels and guide rollers and for swing gates, hinges and cladding, will change these figures.

Note 5. The gate lengths stated are to suit the standard limits, the slider operators will handle longer gates, but limit switches must be changed to suit gate opening.

Note 6. The duty cycle can vary depending on gate loading and ambient temperatures.

Note 7. The operators will work outside these stated temperature ranges, but factors such as duty cycle could change.

Disclaimer

All information contained in this literature is correct at the time of publishing, however, Downee reserves the right to change specifications without notice.