DA700 Sliding Gate Operator

Heavy Duty High Speed 700mm/sec up to 2000kg Gates





The **DA700 Sliding Gate Operator** is the culmination of four decades of experience in gate automation, combined with insights from trusted industry professionals. The DA700 is an Australian engineered and made product designed to operate at 100% intensive duty cycle at speeds of 700mm/sec for gates up to 2,000kg and 25m in length. The DA Sliding Gate Operator is tailored to handle specific gate sizes and operational demands, providing flexibility for a wide range of industrial applications across warehouses, logistics hubs, industrial estates and factories.

Product features:

- **High-Speed Operation**: Variable-speed inverter drive ensures faster opening times for enhanced efficiency, reaching speeds up to 700mm/sec.
- **Industrial Strength:** Designed to handle gates up to 2000kg, with a 100% duty cycle for intensive use applications.
- **Built for Australia:** Stainless steel outer cabinet and hot-dipped galvanised chassis for ultimate durability in harsh conditions.
- **Advanced Control Systems**: Pre-wired Elsema control systems with a 4-line screen display, offering EMC-approved reliability.
- **Precision and Safety**: Easy-set 4-cam limit switches for smooth, controlled operation and enhanced safety.
- **Unmatched Durability**: From the stainless-steel cabinet to the cast iron, high-efficiency gearbox, every component is built for longevity.
- **Easy Installation and Maintenance:** Simple clutch release with torque limiter protection and pre-wired controls make setup and upkeep hassle-free.
- **Optimal Security:** 3-phase brake motors provide secure locking, ensuring gates remain safely closed when needed.
- **Trusted Performance:** Gearbox breathers, constant torque control, and industrial-grade components ensure reliability in demanding environments.

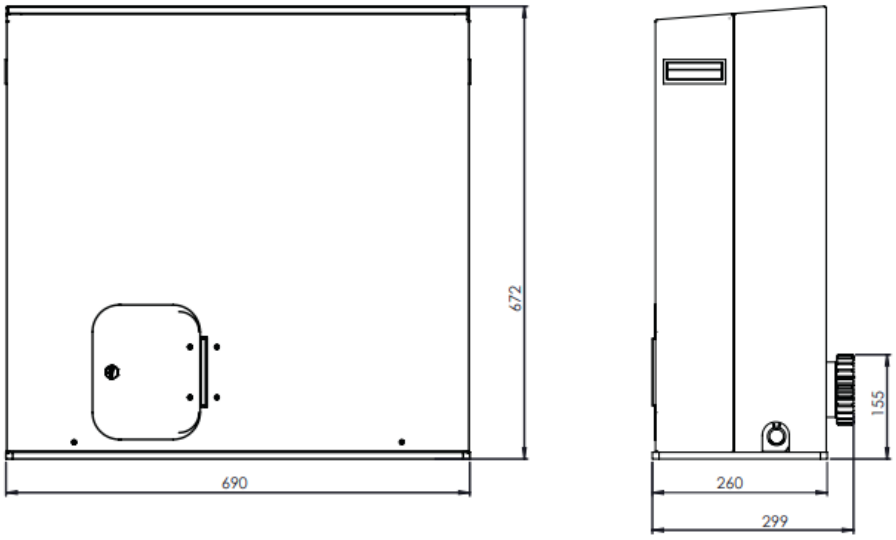
Technical Specifications

Specifications	DA700
Input Voltage	240
Maximum Current Draw *Note 1*	3A
Motor Power	750w
Approximate open speed at 50Hz *Note 2*	700mm/sec
Approximate pushing force *Note 3*	1,200N
Gate weight *Note 4*	2,000kg
Gate length (standard) *Note 5*	13.5m
Duty cycle *Note 6*	100%
Temperature Range *Note 7*	-10° to +40°
Weight of operator	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.

Dimensions



Vehicle Access Control
- Boom Gates
- Sliding Gates
- Swing Gates
- Loop Detectors & Radars
- Tyre Spikes

Pedestrian Access Control
- Full Height Turnstiles
- Waist Height Turnstiles
- Speed Gates & Flap Barriers
- Motorised Pedestrian Gate Openers
- Retails & Supermarket Gates

Access Control & Safety
- Remote Wireless Controls
- Safety Beams & Light Curtains
- Sensors & Activation Switches
- Traffic Lights, Strobes & Sounders
- Card Reader Stands & Bollards

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