

# Industrial Sliding Gate Operator

MODEL DA450-CH - 1800Kg Gate 450mm\*/sec opening speed

*\*Variable Speed Drive Systems*

Manufactured in Australia

WEG brand, constant torque control Inverter with Elsema controls, EMC approved

Easy-set 4 Cam Limit Switch for slow speed and stop control

3 phase Inverter driven Brake Motors for positive security locking.

Stainless Steel 06B Chain

Hot-dipped Galvanised Chassis with adjustable height stands

Cast Iron Industrial Gearbox with Breathers.

All brackets supplied for easy quick installation

## Model Specifications:

	<b>DA450-CH</b>
<b>Input Voltage</b>	230-240
<b>Maximum Current Draw</b> <i>Note 1</i>	3A
<b>Motor Power</b>	750w
<b>Approximate open speed at 50Hz</b> <i>Note 2</i>	450mm/sec
<b>Approximate pushing force</b> <i>Note 3</i>	1,200 N
<b>Gate weight</b> <i>Note 4</i>	1,800kg
<b>Gate length (standard)</b> <i>Note 5</i>	11.7m
<b>Duty cycle</b> <i>Note 6</i>	100%
<b>Temperature Range</b> <i>Note 7</i>	-10° to +40°
<b>Weight of operator</b>	78kg

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.