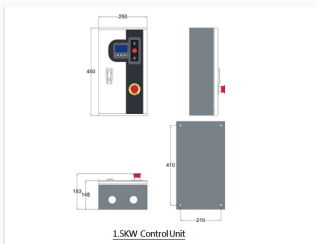


# Servo Motor and Controller for High-Speed Doors

This servo motor and controller is designed for high-speed door systems. It provides precise motion control and reliable performance.



## ADDITIONAL IMAGES



## Overview



Complete servo system including a 0.75kW motor and dedicated control unit with integrated encoder.

## High-Performance Servo System for Industrial Doors

This integrated servo motor and controller system is specifically engineered for high-speed industrial doors, offering precise motion control and reliable operation. With an IP65 protection rating, the system is resilient against dust and water ingress, making it suitable for demanding environments like cold storage and clean rooms. The solution combines a high-torque motor with an absolute encoder for accurate positioning and features manual override capabilities for safety and maintenance.

## Key Performance Metrics

### Performance Highlights

**1500 W**

Maximum Power

**150 N.M**

Peak Torque

**60 °C**

Max Op Temp

## Technical Specifications

### Model Comparison

Specification	PE200	PE2000	PE500
Rated Output	750W	750W	1500W
Motor Speed	0-2000rpm	0-2000rpm	0-2000rpm
Output Speed	0-200rpm	0-260rpm	0-200rpm
Rated Torque	35N.M	30N.M	50N.M
Max Torque	100N.M	75N.M	150N.M
Door Area Suitability	2-20 m <sup>2</sup>	2-15 m <sup>2</sup>	2-35 m <sup>2</sup>
Weight	10kg	10kg	28.8kg

## System Features

### System Capabilities

- Absolute Encoder for precise limit positioning
- Torque servo management system
- Electro-mechanical brake for self-locking
- Manual release via hand wheel or winch
- Integrated RV63 reducer (10:1 ratio)

## Environment & Protection

### Ingress Protection

IP65

Power Supply	220V (50Hz/60Hz)
Operating Temperature	-40°C to 60°C
Temperature Rise	<30°C

## Applications

Compatible Door Types	High Speed Roll Up Door, Auto Recovery Door, Cold Storage Door, High Speed Stacking Door, Turbine Hard Door
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