

## 9/3.3 and 9/4 RM Motors

# Heavy-duty 2-inch motors to power shutters and awnings

### Key Features

- Compact, powerful 2" tubular motor
- Torque rating of 33 or 40 Nm or 239 or 350 inch-pounds
- Fully encapsulated, shock resistant motor coil, high moisture resistance and fire protection ratings
- Reduced side clearance for smaller light gap
- Extensive range of crown and drive adaptors
- Fully compatible with all Elero-Matic low voltage communication and control system
- Easy limit setting



Compact awning cassettes and small rolling shutter housings require small diameter, yet powerful tubular drive motors. Elero meets these requirements by offering two heavy duty 2-inch motors that have especially been designed to provide maximum reliability in tough environments. The 33 Nm 9/3.3 and the 40 Nm 9/4 operate at an optimal speed of 12 rpm. This permits smooth yet speedy retraction of shutters and awning fabrics.

Unique Elero protection features such as fully encapsulated motor coils, conical brake shoes and sealed triple planetary transmission are important contributors to the motors phenomenal reputation for reliability and low return rate in the world's toughest shutter environments.

The heavy-duty 2-inch motors are available with mechanical limits in a standard version as well as in a Manual Override (MO) version. The advanced Elero *ITec*<sup>TM</sup> technology is also available on the non-MO motors. *ITec*<sup>TM</sup> motors are equipped with internal electronics to set end stops and intermediate stop positions. They can be programmed for group operations in many configurations and feature built-in remote RF control.

### Technical Features

- 289 or 350 lb. lift from barrel
- 22" nominal length
- 21 or 32-turn limit range (36-turns for *ITec*)
- 33 or 40 Newton meters
- 12 rpm
- 240 watts
- 2.0 amps

### Model and Item Numbers

|                             |             |
|-----------------------------|-------------|
| 9/3.3 Motor                 | 31.232.0001 |
| 9/3.3 Motor <i>ITec</i> RCM | 91.232.0001 |
| 9/4 Motor                   | 31.242.0001 |
| 9/4 Motor <i>ITec</i> RCM   | 91.282.0001 |

### Dimensions

