

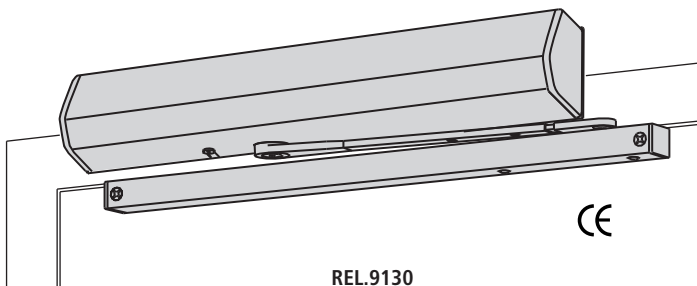
### Type A - Electro-Mechanical Power Assisted Operator

#### REL.9130 Series - Top Jamb (Pull Side) Mounting

The **REL.9130** operator is an electrically powered low-energy operator. It provides easy access for people with disabilities, the elderly or the frail. Designed primarily for automatic opening applications that occasionally require manual operation.

Complete with adjustable opening and closing speeds the microprocessor controller ensures reliability. This unit has been tested successfully to over three million cycles.

- The **REL.9130** series operator is shipped with motor gearbox, control box, mounting plate, standard arm, metal cover, standard track, track roller and wood & machine screw pack.
- For door widths from 760mm
- Single door, surface mounted
- On/Off switch included as standard
- Non-handed
- A 686mm single cover is standard. Full length covers are available up to 1245mm for single doors.



**REL.9130**  
(consult table of sizes & options - page 14)

#### Surface Mounting

For interior or exterior doors. Single acting operator on head frame. Exposed arm and track to door top rail.

#### Maximum Opening

Butt hinge template allows 90° power opening and 90° manual opening.

**Butt Hinges** should not exceed 127mm in width.

**Auxiliary Stop is recommended.**

**Reveal** should not exceed 3mm.

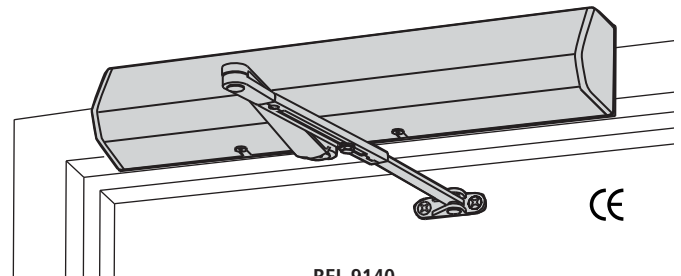
**Head Frame** minimum 51mm for mounting plate, requires 102mm clearance.

**Top Rail** minimum 51mm.

**Opening and Closing Times** are variable by adjustments to the control module located on the operator assembly. The maximum hold open time is adjustable up to approximately 30 seconds.

**Standard Finish** - US28 powder coated silver.

#### REL.9140 Series - Top Jamb (Push Side) Mounting



**REL.9140**  
(consult table of sizes & options - page 14)

The **REL.9140** operator is an electrically powered low-energy operator. It provides easy access for people with disabilities, the elderly or the frail. Designed primarily for automatic opening applications that occasionally require manual operation.

Complete with adjustable opening and closing speeds the microprocessor controller ensures reliability. This unit has been tested successfully to over three million cycles.

- The **REL.9140** series operator is shipped with motor gearbox, control box, mounting plate, regular arm, metal cover and wood & machine screw pack.
- For door widths from 660mm
- Single door, surface mounted
- On/Off switch included as standard
- Non-handed
- A 686mm single cover is standard. Full length covers are available up to 1245mm for single doors.

#### Surface Mounting

For interior or exterior doors. Single acting operator on head frame. Exposed regular arm to door top rail.

#### Maximum Opening

Butt hinge template allows 90° power opening and 90° manual opening.

**Butt Hinges** should not exceed 127mm in width.

**Auxiliary Stop is recommended.**

**Reveal** should not exceed 152mm for reg. arm & 248mm for long arm.

**Head Frame** minimum 51mm for fixings.

**Top Rail** minimum 51mm (flush ceiling installation requires 133mm minimum).

**Opening and Closing Times** are variable by adjustments to the control module located on the operator assembly. The maximum hold open time is adjustable up to approximately 30 seconds.

**Standard Finish** - US28 powder coated silver.