# Actuator **RE708**

RE708 is a compact and very efficient, 8kN actuator developed to meet the requirements in patient lifts. It is equipped with a manual lowering function, which allows lowering the lift by hand if the electrical power is not available. It also has a pull force protection to prevent injuries.

In combination with REAC control systems for patient handling (RCB15, RCB20 and RCB25), RE708 consumes no energy when lowering the lift, giving increased battery service time. This increases the work capacity of the patient lift between charging.

## Standard features

| | |
|---|---|
| Max push force | 8 000N |
| Max pull force | N/A[1] |
| Max speed (full load) | 4,5 mm/s |
| Max speed (no load) | 7,3 mm/s |
| Min built in length | 290mm + stroke |
| Stroke lengths (mm) | 100mm – 300m (in steps of 5 mm) |
| IP-class | IPX1 |
| Current consumption (full load) | 7,0 A |
| Current consumption (no load) | 1,2 A |
| Feedback & switches | Mechanical limit switches |
| Motor | 24VDC |
| Mounting brackets | Silver galvanized steel<br>Angle for rear bracket: 0° or 90°. |
| Connection | 6.3 mm stereo phone plug |
| Operating temperature | -15° to +50°C |
| Storage temperature | -20° to +60°C |
| Housing | Plastic housing (PC/ABS) |
| Piston | Galvanized steel or white powder coated |
| Color | White RAL9016 |
| Flammability rating | UL94 V-0 |
| Duty cycle | 10%, max 2 min at continuous use followed by an 18 min rest |

## Options

| | |
|---|---|
| Mounting brackets | Customizable |
| Cables | Customizable |
| Feedback & switches | Linear potentiometer |

[1] No pull force is allowed and according to the requirements in ISO 10535 RE7000/8 has a pull force protection implemented as standard.

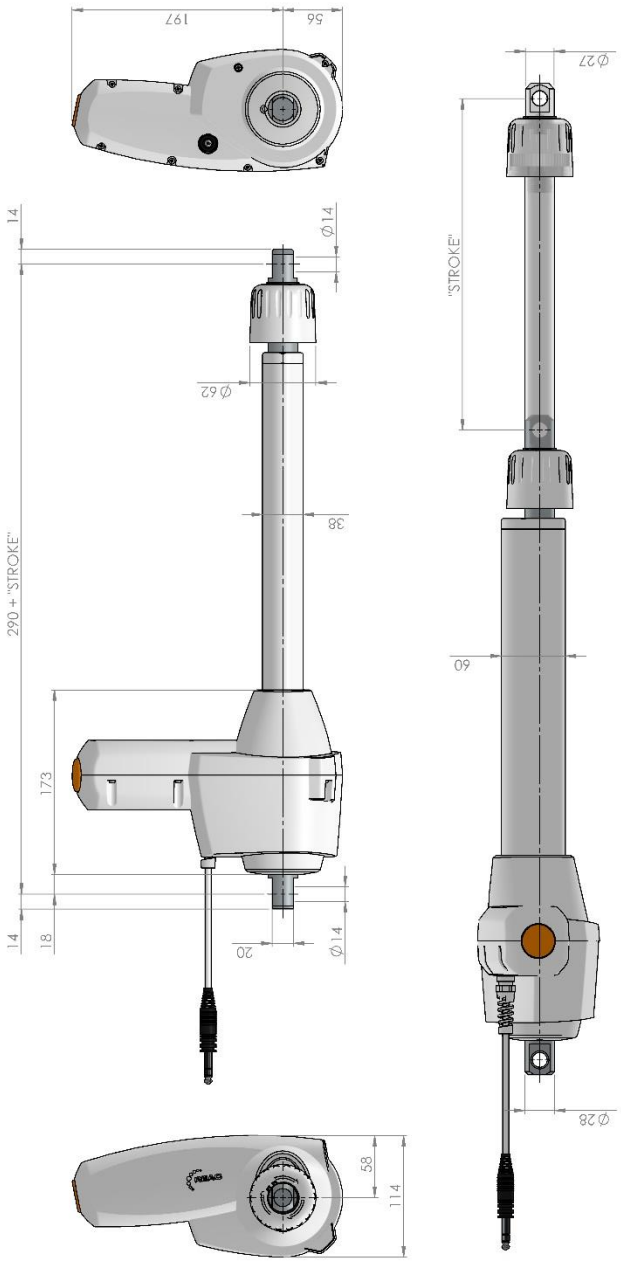
## Approvals

IEC60601-1:2005 3rd edition - pending

ANSI/AAMI ES60601-1:2005 3rd edition - pending

CAN/CSA-22.2 No 60601:2008 - pending

## Dimensions



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