

**C90-SU****By Record UK Ltd****Record UK Ltd****n55Plus****Detailed description**

Specially designed for doors up to 600 kg. The built-in stainless steel housing also has integrated floor bearings. The drive unit consists of an electro-mechanical system with high performance gears and low noise power transmission. In case of power failure, an option is emergency opening, while door leaves can be moved without effort should the power failure continue for longer than expected.

**Product guidance - As Standard****Dimensions (l x w x d):**

450 x 200 x 160 mm.

**Circuit voltage:**

230 V AC, 50/ 60 Hz.

**Power consumption:**

25 W standby, 220 W rated power.

**Torque (maximum):**

190 Nm.

**Mass inertia of door leaf:**

300 kg/m².

**Opening angle:**

Adjustable, -100–100°.

**Hold open time:**

Adjustable, 0–10 s.

**Opening speed:**

Adjustable, 3–20 s.

**Closing speed:**

Adjustable, 5–20 s.

**Protection class:**

IP 54.

**Options****Environmental conditions:**

- Temperature range: -15–50°C.
- Humidity range: Up to 85% relative humidity, non-condensing.
- Wind load: Designed for wind load 2 (25 m/s).

**Drive unit:**

Electromechanical drive system with high performance gearing mechanism with two different ratio possibilities; totally noiseless drive system with power transmission by means of electronically controlled special DC chopped motor; integrated plug-in microprocessor controller; adjustable hold-open time, opening and closing speed, opening and closing pressure are infinitely adjustable and are independent from each other, optional automatic opening in the event of power failure with fail

safe battery back-up system; key-operated operating switch offering operating modes OFF-AUTOMATIC-EXIT-OPEN, stainless steel casing and threshold plate, watertight.

#### Switchboard:

An additional switchboard allows the housing the electronic equipment and assures that the sensitive electronics are well protected. The switchboard has to be placed very close to the drive unit in accordance to assure short cable distances.

#### Sensors and safety:

Activated by means of radar or infrared movement sensors or any other impulse sensors (e.g. handle sensor contact, push-button, key-push button, code-pad etc).

### Product specification

#### Manufacturer

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