MOTORIZATION · DATA SHEET

# CR25LB Basic Rechargeable Motor

Remote-controlled rechargeable motor for roller, Montage™ and Roman shades

## 01 Technical specifications

| | | | |
|---|---|---|---|
| **Battery** | Built-in Li-ion, 2 cells | **Charging** | USB-C, 5 V DC, 2 A |
| **Rated torque** | 1.1 N·m | **Rated speed** | 20 / 28 rpm (low / high) |
| **Rated current** | 0.75 A | **Rated power** | 6.3 W |
| **Running noise** | 36 dB | **Continuous run limit** | 6 min |
| **Length L1 / L2** | 485 / 477 mm | **Limit type** | Electronic, kept in memory |
| **Radio frequency** | 433.92 MHz | **Ingress protection** | IP20: indoor use only |
| **Minimum shade width** | 22-1/2″ | | |

## 02 Features

### Built in

- ✓ Built-in 433.92 MHz receiver
- ✓ Soft start and soft stop
- ✓ Electronic limits
- ✓ Adjustable speed
- ✓ Preferred position
- ✓ Stops when obstructed
- ✓ Stall protection
- ✓ Tilt (angle) adjustment
- ✓ Reversible rotation
- ✓ Built-in lithium battery

### Charging

- ✓ USB-C charger, 5 V, 2 A (CBM DC10MC)

Limits and settings stay in memory when the battery runs flat.

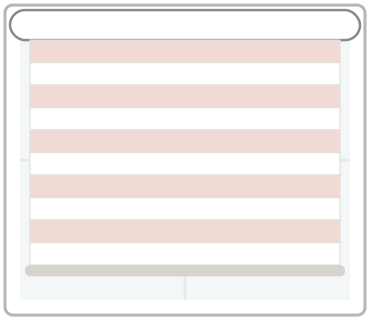
### App control

- ✓ Compatible with Bond Bridge

## 03 Applications



Roller shade



Montage™ Designer Shade



Roman shade

## 04 Remote

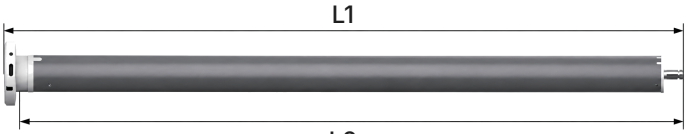


**BBT15 handheld remote**
15 channels, with channel display
Up, stop and down; channel select

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## 05 Dimensions and end gaps




L1: 19-1/8″ [485]
L2: 18-3/4″ [477]

| Mounting system | Brackets | Motor end | Pin end |
|---|---|---|---|
| **3″/4″ square fascia** | Brackets with covers | 11/16″ [17] | 5/8″ [16] |
| | Brackets without covers | 9/16″ [14] | 1/2″ [13] |
| **S90 wrap cassette** | — | 13/16″ [21] | 5/8″ [16] |
| **S95 cassette, E90 enclosure** | — | 15/16″ [24] | 3/4″ [19] |
| **Round cassette C100, square cassette** | — | 3/4″ [19] | 5/8″ [16] |
| **Open roll** | Open roll brackets (as chain drive) | 11/16″ [17] | 3/8″ [10] |

Gap per end between the finished width and the fabric. Inches [millimetres].

## 06 System capacity

Width across (inches, cm), drop down (inches, cm). Minimum width 22-1/2″, maximum width 90″. Calculated for a 1-1/2″ tube, with a 750 g/m² blackout fabric and bottom rail, at 90% of rated torque.

| in \ cm | | 24<br>61.0 | 36<br>91.4 | 42<br>106.7 | 48<br>121.9 | 54<br>137.2 | 60<br>152.4 | 66<br>167.6 | 72<br>182.9 | 78<br>198.1 | 84<br>213.4 | 90<br>228.6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **30** | 76.2 | | | | | | | | | | | |
| **36** | 91.4 | | | | | | | | | | | |
| **42** | 106.7 | | | | | | | | | | | |
| **48** | 121.9 | | | | | | | | | | | |
| **54** | 137.2 | | | | | | | | | | | |
| **60** | 152.4 | | | | | | | | | | | |
| **66** | 167.6 | | | | | | | | | | | |
| **72** | 182.9 | | | | | | | | | | | |
| **78** | 198.1 | | | | | | | | | | | |
| **84** | 213.4 | | | | | | | | | | | |
| **90** | 228.6 | | | | | | | | | | | |
| **96** | 243.8 | | | | | | | | | | | |
| **102** | 259.1 | | | | | | | | | | | |
| **108** | 274.3 | | | | | | | | | | | |
| **114** | 289.6 | | | | | | | | | | | |
| **120** | 304.8 | | | | | | | | | | | |

Within motor capacity  Exceeds motor capacity

## 07 Related documents

- CR25LB programming instructions (EN-FR), Rev 2.1
- Roller-shade shop drawings, by mounting system