MOTORIZATION · DATA SHEET

CR28DC 24 V DC Motor

Two-way radio motor for roller, Montage™ and Roman shades

01 Technical specifications

Power supply	24 V DC	**Rated torque**	2.0 N·m
Rated current	1.8 A	**Rated speed**	28 rpm
Rated power	26 W	**Limit type**	Electronic
Radio frequency	433.92 MHz	**Ingress protection**	IP20
Operating temperature	0 °C to 40 °C	**Tube**	1-1/2″ or 2″
Supply cable	2 wires: white (+), black/white (–)	**Programming**	P1 button and remote
Minimum shade width	22-1/2″		

02 Features

Built in

- ✓ Noise reduction
- ✓ Reversible direction
- ✓ Stall protection
- ✓ Preferred position
- ✓ Jog mode
- ✓ P1 programming button

App control

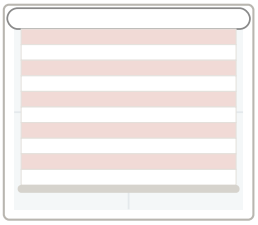
- ✓ Status feedback
- ✓ Radio signal indication
- ✓ Percentage (position) control
- ✓ Timer
- ✓ Scenes
- ✓ Limit adjustment

Via the CBM Smart Network Bridge, Bond Bridge or Bond Bridge Pro.

03 Applications



Roller shade



Montage™ Designer Shade



Roman shade

04 Remotes



Handheld
Single channel
15-channel programmable
5-channel with timer



Surface mount
15-channel
5-channel with timer



Wall mount
15-channel

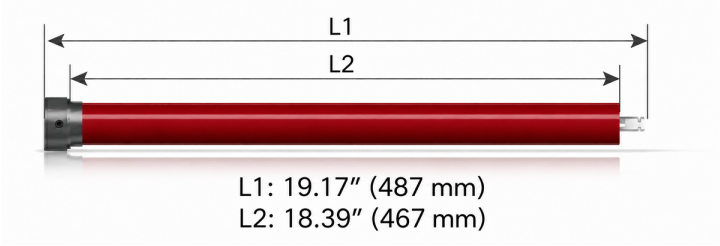


Bond Sidekick
Gen 2 or newer
5-channel
Wall or handheld

CR28DC 24 V DC Motor

Two-way radio motor for roller, Montage™ and Roman shades

05 Dimensions and end gaps



L1: 19.17″ (487 mm)
L2: 18.39″ (467 mm)

Mounting system	Brackets	Motor end	Pin end
3″/4″ square fascia	Brackets with covers	3/4″ [19]	5/8″ [16]
	Brackets without covers	5/8″ [16]	1/2″ [13]
S90 wrap cassette	—	7/8″ [22]	5/8″ [16]
S95 cassette, E90 enclosure	—	1″ [25]	3/4″ [19]
Round cassette C100, square cassette	—	13/16″ [21]	5/8″ [16]
Open roll	Open roll brackets (as chain drive)	3/4″ [19]	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″.

in \ cm		24 61.0	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	108 274.3	120 304.8
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														

Roller, Sheer Horizontal and Montage™ shades Standard roller shades only

07 Related documents

- CR28DC programming instructions (EN-FR), Rev 1.0
- WD-CR28DC application wiring diagram
- Roller-shade shop drawings, by mounting system (on request)