R-TEC AUTOMATION® by Rowley

28 mm Quiet DC Tubular Motor
RTMDCZ28

DC motorized shades are ideal when designing a new home, motorizing an existing home or planning a commercial project. DC wired shades are maintenance free and the AC power supply adapter keeps installation costs to a minimum. They offer a low voltage, easy-to-use and program solution to suit a large range of applications, including narrow applications, setting this tubular motor apart from other options.

The quiet 28 mm motor allows a maximum shade size of 120" x 120" and has a 20" minimum shade width / roller tube length.

2-Way RF Communication
Integrated radio frequency control allows for easy programming of individual, group or ALL control across window treatments.

Leveling Control
This feature allows for precise positioning of multiple window treatments, ensuring perfect alignment.

Preferred Upper / Lower Limit Settings
Electronic "autoset" limits accurately program preferred upper and lower limit settings.

Favorite Position
Allows a most used or favorite position to be set between upper and lower limit settings.

Adjustable Speed
Three operational speed settings available, allowing you to customize the open / close speed of your shade.
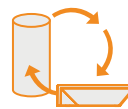
Optimal Solar Recharge Option
Pairs with optional solar panel battery charger for autonomous recharging if using High Capacity Battery Pack power option.

Optional Battery Power
Pair your DC Tubular Motor with the High Capacity Battery Pack so there's no hassle of a power supply cord.

IOT Integration
Pairs with several voice control systems using the R-TEC Hub and Automation® App, including Apple HomeKit, Amazon Alexa, Google Assistant, IFTTT and SmartThings.
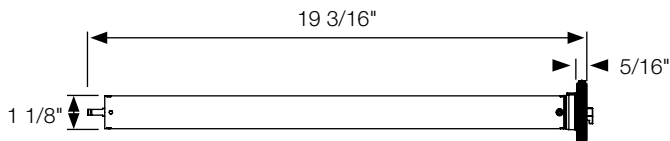
Quiet Operation
Powerful, smooth and quiet operation suitable for residential and commercial environments.
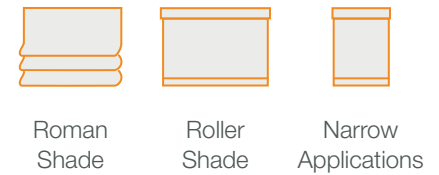
SPECIFICATIONS

Voltage	12 V DC	Limit Switch Type	Electronic
Torque	2.0 Nm	Amps	1.16 A
Max. Run Time	10 min.	Battery Size / Type	N/A
Speed	20 RPM (Adj. to 24 or 28)	Temperature Working Range	32° F - 140° F (0° C - 60° C)
Radio Frequency	433.92 MHz	Insulation Class	III
RF Modulation	FSK	Sound Level	~44 DB
IP Rating	IP44	Power	13 W

DIMENSIONS

19 3/16"
5/16"
1 1/8"

APPLICATIONS

Roman Shade   Roller Shade   Narrow Applications

USE WITH

Compatible Power Options

Item #	Description
RTMDCHCBP	High Capacity Battery Pack for 25/28 mm Motors (requires RTMLBC or RTMSOLAR2)
RTMLBC	Battery Charger 12', .4Amp, 12V
RTMSOLAR2	Solar Panel Battery Charger
RTMDC28/35	Power Supply for 28/35 mm Motors 10 ½'
RTMDCXT48	Power Cable Extender 48"

Compatible Brackets & Bracket Covers

Item #	Description
RSB10	Bracket: 1 ⅝" Projection, 2 ¼" Width
RSB20	Bracket: 2 ⅛" Projection, 2 ¼" Width
RSBC10/	Bracket Cover for RSB10 (SN, W or K)
RSBC20/	Bracket Cover for RSB20 (SN, W or K)
RSNB10	Bracket: 1 ⅝" Projection, 1 ½" Width
RSNB20	Bracket: 2 ⅛" Projection, 1 ½" Width
RSNB30	Bracket: 2 ⅞" Projection, 1 ½" Width

Compatible Aluminum Rollers

Item #	Description
RC60/4	1 ½" (4', 6', 8', 12' or 16' lengths)
RC62/4	2" (4', 6', 8', 12' or 16' lengths)

Compatible Drive Set Kits & Motor End Covers

Item #	Description
RTMDRK28112	1 ½" Drive Set Kit*
RTMDRK28200	2" Drive Set Kit*
RTM5VMC2528/	25/28 mm Motor End Covers (W or K)

*includes motor adapter plate, crown & drive set and heavy duty end pin

Compatible R-TEC Smart Controls

Item #	Description
RTMHUB2	R-TEC Hub, includes USB Power Cord, Power Plug & Ethernet Cable, Range: 60'
RTMUSR	ARC USB Signal Repeater, Extends the wireless range of the R-TEC Hub and Remotes up to 60'
RTMLDSSBC	Wall Charger for USB Signal Repeater
RTMHR1C	Handheld Remote with Wall Mount, 1 Channel, Range: 65'
RTMHR5C	PushHandheld Remote with Wall Mount, 5 Channel, Range: 65'
RTMHR15C	Handheld Remote with Wall Mount, 15 Channel, Range: 65'
RTMHRP15C RTMHRP15C/K	Push15 Handheld Remote with Wall Mount, 15 Channel, Range: 65'
RTMWSR5C	Surface Wall Mount Switch, 5 Channel, Range: 65'
RTMWSR1C	Cut-In Wall Mount Switch, 1 Channel, Range: 65', Requires RTMSMB/W
RTMWSR2C	Cut-In Wall Mount Switch, 2 Channel, Range: 65', Requires RTMSMB/W
RTMWSR15C	Cut-In Wall Mount Switch, 15 Channel, Range: 65', Requires RTMSMB/W
RTMSMB/W	Surface Mount Wall Back Box for Cut-In Style Remotes
RTMISS	Interior Sun Sensor, Range: 65'