



# Electronic drive systems

PRODUCT BOOK 75.1



**CHERUBINI**



## Cherubini. Our Group.

Since 1947, Cherubini has been an Italian company dedicated to the production and distribution of solutions for the movement of sun protection systems, roller shutters and home automation. Born from the Cherubini family's passion for craftsmanship and structured around the parent company Cherubini S.p.A., based in Bedizzole (BS) in Italy, the Cherubini Group is now present in six countries and comprises nine companies with over 280 people working every day to develop solutions for the future of sun protection and home automation.

Forty years of experience in manual operation have led us to more than twenty years of success in electronic motors and home automation solutions. As the Cherubini Group, we manufacture safe and reliable devices that are easy to install and simple to program. We are committed to being global leaders in the production of innovative solutions for the movement of solar protection systems and outdoor comfort, evolving Italian design into an integrated technological offering. We design and manufacture our products by managing much of the production cycle within the group's companies, from mechanical processing to electronic circuit board production.

## Cherubini Kemet. Designed in Italy, made in Egypt.

**Cherubini** has been operating in the Egyptian market since 2020 in partnership with Aksa Egypt and it started operated with its own branch in Egypt since 2025 through **Cherubini Kemet**, a company specialising in the production and distribution of movement solutions for sun protection systems for the Egyptian market.

In order to be closer to the needs of the Egyptian market, Cherubini Kemet proudly introduces its new locally made motors featuring Made in Italy technology and design components. We manufacture and test using the same methodology, meticulous attention to detail, and passion that have always distinguished us: now simply closer to you.

EXPECT MORE



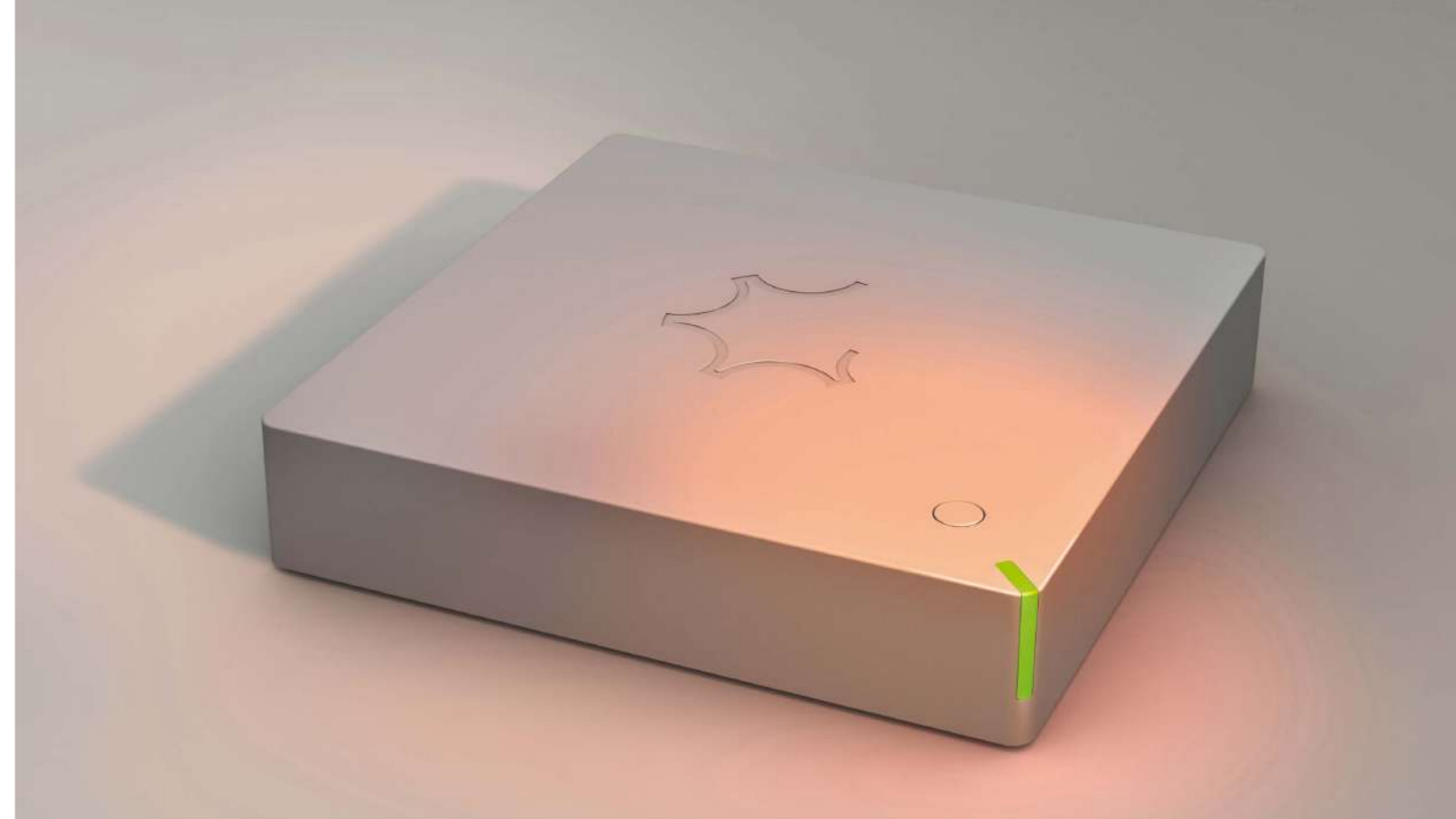
# Compatibility has a new standard.



**META open ecosystem and the evolution of the dual integrated radio motor: the two protocols CRC RX and WI-FI.**

Our new motor series with integrated dual radio extends the operability of Cherubini products to the Wi-Fi systems.

Following the introduction of the ZRX motor series, with CRC RX and Z-Wave dual radio protocols, the new motors with CRC RX and Wi-Fi protocol mark an even more advanced step towards interoperability, for increasingly integrated home automation ecosystems.



Motors can be controlled directly via the META app without the need for a gateway, via Cherubini CRC RX radio remote controls and, with a simple firmware update, via the existing METAHOME gateway.

Ease of installation, modularity and customisation are the result of a design focused on the user, professional and private.

**The META ecosystem, with OPEN WRX for roller shutters and ORA WRX for awnings,** opens up our evolution towards an increasingly smart home environment, through easy, intuitive automation at the service of quality of life.



## **Selection tables**

page 11

## **Tubular motors**

page 21

## **Home automation and remote controls**

page 53

## **Accessories**

page 65

## **General sales terms and warranty**

page 71-72

# Technology



## Dual-Radio

The dual-radio allows the motor to be programmed and controlled via two different protocols: Cherubini Remote Control RX and Wi-Fi. The CRC RX protocol allows the motor to be installed traditionally using Cherubini remote controls by executing specific command sequences. Using the Wi-Fi protocol, it is possible to configure the motor through a gateway, integrating it into a home automation network with constant feedback.



## Fast motors

High-speed motors. Mainly indicated for very high vertical systems, large horizontal awnings and projection screens.



## Cherubini Remote Control (RX Motors)

The radio system built into all RX motors enables encrypted transmission of the command between the motor and the remote control. Easy programming and operation: the motor confirms all the steps by means of small rotations.

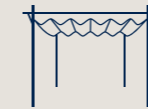
# Symbols legend



Awnings



Screens and mosquito nets



Pergola



Adjustable shutters



Rolling shutters



Venetian blinds

# Services



## Training

We are committed to training as the foundation for proper counselling and installation of our products. The aim of our training courses for professional installers is to prepare our clients and their installers in technical training and sales counselling.



## Technical service

Assistance in the installation, dealing by phone with a technician from the Cherubini team, or resolving pre-installation queries.



## Technical-sales team

The technical-sales team will assist in identifying your needs so they can offer the most adequate product. Sales and technical counselling and support for projects and estimates. Direct phone contact with the client and the installation for on-site solutions to any incident or query.



## Selection tables



TUBULAR MOTORS FOR AWNINGS  
page 12



TUBULAR MOTORS FOR  
ROLLING SHUTTERS  
page 14



TUBULAR MOTORS FOR SCREENS  
AND MOSQUITO NETS  
page 18

# Tubular motors for awnings



## Tubular motors for awnings

Which motor meets my requirements?

Cherubini offers you this practical guide in order to help you choose the right model of motor for the installation of your awning. In order to make the right choice, it is necessary to know some characteristics of the awning to be motorized:

- WIND-UP ROLLER DIAMETER  
A larger wind-up diameter requires a higher motor torque
- AWNING WIDTH  
Wind-up roller length
- NUMBER OF ARMS  
The arms create perfect tension on the awning fabric
- AWNING PROJECTION  
Lengthening of the awning arms: a larger projection requires a higher motor torque

Having determined the above data, we have to look for the torque of the required motor in the selection tables.

### Example:

- Wind-up roller diameter: 70 mm
- Number of arms: 2
- Awning projection: 2 m
- Awning width: 6 m

		NUMBER OF ARMS					
		2	2	2	4	6	
AWNING WIDTH (up to)		3,6 m	4,8 m	6 m	12 m	15 m	
Ø63 Ø70 Ø78	AWNING PROJECTION	1,5 m	25 Nm	25 Nm	32 Nm	40 Nm	85 Nm
		2 m	25 Nm	25 Nm	32 Nm	50 Nm	85 Nm
		2,5 m	32 Nm	32 Nm	40 Nm	65 Nm	85 Nm
		3 m	32 Nm	32 Nm	50 Nm	85 Nm	100 Nm
		3,5 m			65 Nm	85 Nm	120 Nm
		4 m			85 Nm	100 Nm	120 Nm

Tables are purely indicative, as variations can occur according to the installation conditions. Contact our technical service for more detailed information.

### SELECTION TABLES

awnings

		NUMBER OF ARMS					
		2	2	2	4	6	
AWNING WIDTH (up to)		3,6 m	4,8 m	6 m	12 m	15 m	
Ø63 Ø70 Ø78	AWNING PROJECTION	1,5 m	25 Nm	25 Nm	32 Nm	40 Nm	85 Nm
		2 m	25 Nm	25 Nm	32 Nm	50 Nm	85 Nm
		2,5 m	32 Nm	32 Nm	40 Nm	65 Nm	85 Nm
		3 m	32 Nm	32 Nm	50 Nm	85 Nm	100 Nm
		3,5 m			65 Nm	85 Nm	120 Nm
		4 m			85 Nm	100 Nm	120 Nm

		NUMBER OF ARMS					
		2	2	2	4	6	
AWNING WIDTH (up to)		3,6 m	4,8 m	6 m	12 m	15 m	
Ø85	AWNING PROJECTION	1,5 m	32 Nm	32 Nm	32 Nm	65 Nm	100 Nm
		2 m	32 Nm	32 Nm	40 Nm	85 Nm	100 Nm
		2,5 m	40 Nm	40 Nm	50 Nm	85 Nm	100 Nm
		3 m	40 Nm	40 Nm	65 Nm	100 Nm	120 Nm
		3,5 m			85 Nm	120 Nm	120 Nm
		4 m			85 Nm	120 Nm	120 Nm

Tables are purely indicative, as variations can occur according to the installation conditions. Contact our technical service for more detailed information.

# Tubular motors for rolling shutters



Cherubini offers you this practical guide in order to help you choose the right model of motor for the installation. In order to make the right choice, it is necessary to know some characteristics of the roller shutter to be motorized:

**- ROLLING SHUTTER WEIGHT**

The total weight of the rolling shutter is calculated after determining its surface and the weight of the material used per square meter.

$MATERIAL\ WEIGHT \times SURFACE = ROLLING\ SHUTTER\ WEIGHT$

**- WIND-UP ROLLER DIAMETER**

A larger wind-up roller diameter requires a higher motor torque

**- PROFILE THICKNESS**

The profile thickness is of basic importance for the determination of the wind-up diameter generated on the roller. A larger wind-up roller diameter requires a higher motor torque.

**Having determined the above data, we have to look for the torque of the required motor in the selection tables.**

**Example:**

- Rolling shutter material: aluminium profile 3 Kg/m<sup>2</sup>
- Rolling shutter height: 2 m
- Rolling shutter width: 1,5 m
- Wind-up roller: 60 mm

**ROLLING SHUTTER SURFACE**

$2\ m \times 1,5\ m = 3\ m^2$

**ROLLING SHUTTER WEIGHT**

$3\ kg/m^2 \times 3\ m^2 = 9\ kg$

**SERIES Ø45**

Ø ROLLER		6 Nm	10 Nm	15 Nm	20 Nm	25 Nm	32 Nm*	40 Nm	50 Nm
Ø50/55	Without safety stops	13 kg	21 kg	33 kg	40 kg	46 kg			
	With safety stops	11 kg	18 kg	29 kg	36 kg	41 kg			
Ø60/65	Without safety stops	12 kg	19 kg	28 kg	36 kg	42 kg	54 kg	68 kg	85 kg
	With safety stops	10 kg	15 kg	23 kg	30 kg	36 kg	47 kg	58 kg	73 kg
Ø70/80	Without safety stops	10 kg	15 kg	22 kg	27 kg	36 kg	47 kg	58 kg	73 kg
	With safety stops	7 kg	11 kg	17 kg	21 kg	31 kg	38 kg	48 kg	59 kg

The friction safety coefficient has been taken into consideration in the tables. Tables are purely indicative, as variations can occur according to the installation conditions.

Contact our technical service for more detailed information.

\* Movi/Movi RX: 30 Nm

## Tubular motors for rolling shutters

Which motor meets my requirements?

**SERIES Ø45**

PROFILE THICKNESS up to 10 mm

ROLLING SHUTTER MAXIMUM HEIGHT 2500 mm									
Ø ROLLER		6 Nm	10 Nm	15 Nm	20 Nm	25 Nm	32 Nm*	40 Nm	50 Nm
Ø50	Without safety stops	15 kg	25 kg	40 kg	50 kg	55 kg			
	With safety stops	13 kg	21 kg	35 kg	46 kg	49 kg			
Ø60	Without safety stops	14 kg	23 kg	33 kg	44 kg	50 kg	65 kg	81 kg	102 kg
	With safety stops	11 kg	18 kg	27 kg	36 kg	43 kg	56 kg	70 kg	87 kg
Ø70	Without safety stops	11 kg	18 kg	26 kg	33 kg	43 kg	56 kg	70 kg	87 kg
	With safety stops	8 kg	13 kg	20 kg	26 kg	37 kg	46 kg	58 kg	71 kg

ROLLING SHUTTER MAXIMUM HEIGHT 3500 mm									
Ø ROLLER		6 Nm	10 Nm	15 Nm	20 Nm	25 Nm	32 Nm*	40 Nm	50 Nm
Ø50	Without safety stops	13 kg	21 kg	33 kg	40 kg	46 kg			
	With safety stops	11 kg	18 kg	29 kg	36 kg	41 kg			
Ø60	Without safety stops	12 kg	19 kg	28 kg	36 kg	42 kg	54 kg	68 kg	85 kg
	With safety stops	10 kg	15 kg	23 kg	30 kg	36 kg	47 kg	58 kg	73 kg
Ø70/80	Without safety stops	10 kg	15 kg	22 kg	27 kg	36 kg	47 kg	58 kg	73 kg
	With safety stops	7 kg	11 kg	17 kg	21 kg	31 kg	38 kg	48 kg	59 kg

\* Movi/Movi RX: 30 Nm

# Tubular motors for rolling shutters



**Tubular motors for rolling shutters**  
Which motor meets my requirements?

## SELECTION TABLES

### SERIES Ø45

PROFILE THICKNESS from 11 to 15 mm

ROLLING SHUTTER MAXIMUM HEIGHT 2500 mm									
Ø ROLLER		6 Nm	10 Nm	15 Nm	20 Nm	25 Nm	32 Nm*	40 Nm	50 Nm
Ø50	Without safety stops	13 kg	21 kg	32 kg	42 kg	48 kg			
	With safety stops	10 kg	17 kg	27 kg	35 kg	42 kg			
Ø60	Without safety stops	11 kg	18 kg	27 kg	35 kg	44 kg	57 kg	71 kg	88 kg
	With safety stops	8 kg	14 kg	23 kg	30 kg	38 kg	47 kg	61 kg	75 kg
Ø70/80	Without safety stops	10 kg	15 kg	23 kg	30 kg	38 kg	48 kg	61 kg	75 kg
	With safety stops	7 kg	11 kg	18 kg	24 kg	31 kg	38 kg	51 kg	60 kg

ROLLING SHUTTER MAXIMUM HEIGHT 3500 mm									
Ø ROLLER		6 Nm	10 Nm	15 Nm	20 Nm	25 Nm	32 Nm*	40 Nm	50 Nm
Ø50	Without safety stops	11 kg	18 kg	27 kg	35 kg	40 kg			
	With safety stops	8 kg	14 kg	23 kg	30 kg	35 kg			
Ø60	Without safety stops	10 kg	15 kg	23 kg	30 kg	37 kg	48 kg	59 kg	73 kg
	With safety stops	7 kg	12 kg	19 kg	25 kg	32 kg	39 kg	51 kg	63 kg
Ø70/80	Without safety stops	8 kg	13 kg	19 kg	25 kg	32 kg	40 kg	50 kg	63 kg
	With safety stops	6 kg	9 kg	15 kg	20 kg	26 kg	32 kg	43 kg	50 kg

\* Movi/Movi RX: 30 Nm

### SERIES Ø58

ROLLING SHUTTER MAXIMUM HEIGHT 2500 mm				
Ø ROLLER	65 Nm	85 Nm	100 Nm	120 Nm
Ø70	100 kg	125 kg	145 kg	170 kg
Ø90	85 kg	105 kg	125 kg	155 kg
Ø102	75 kg	95 kg	115 kg	130 kg
Ø133	50 kg	70 kg	80 kg	100 kg

ROLLING SHUTTER MAXIMUM HEIGHT 3500 mm				
Ø ROLLER	65 Nm	85 Nm	100 Nm	120 Nm
Ø70	85 kg	104 kg	121 kg	142 kg
Ø90	70 kg	88 kg	104 kg	129 kg
Ø102	65 kg	79 kg	96 kg	108 kg
Ø133	45 kg	58 kg	67 kg	83 kg

The friction safety coefficient has been taken into consideration in the tables. Tables are purely indicative, as variations can occur according to the installation conditions. Contact our technical service for more detailed information.

# Tubular motors for screens and mosquito nets



## Tubular motors for screens and mosquito nets

Which motor meets my requirements?

Cherubini offers you this practical guide in order to help you choose the right model of motor for the installation. In order to make the right choice, it is necessary to know some characteristics of the system to be motorized:

- WIND-UP ROLLER DIAMETER  
A larger wind-up diameter requires a higher motor torque
- FABRIC WEIGHT PER SQUARE METER
- SURFACE  
(width and height)
- BOTTOM RAIL WEIGHT

Having determined the above data, we have to look for the torque of the required motor in the selection tables.

### Example:

- Fabric = 0,5 kg/m<sup>2</sup>
- Height = 5 m
- Width = 4 m
- Bottom rail weight = 4 kg
- Wind-up roller diameter = 78 mm

SURFACE = WIDTH x HEIGHT = 4x5 = 20 m<sup>2</sup>

SYSTEM WEIGHT = SURFACE x FABRIC WEIGHT = 20 m<sup>2</sup> x 0,5 kg/m<sup>2</sup> = 10 kg

TOTAL WEIGHT = SYSTEM WEIGHT + BOTTOM RAIL WEIGHT = 10 + 4 kg = 14 kg

### SERIES Ø45

	6 Nm	7 Nm	10 Nm	15 Nm	20 Nm	25 Nm
Ø ROLLER	17 turns	30 turns	17 turns	17/30 turns	17 turns	17 turns
Ø50	18 kg	18 kg	30 kg	45 kg	57 kg	65 kg
Ø60	15 kg	15 kg	24 kg	40 kg	50 kg	57 kg
Ø70	-	-	21 kg	33 kg	42 kg	51 kg
Ø78	-	-	17 kg	27 kg	34 kg	45 kg

Tables are purely indicative, as variations can occur according to the installation conditions. Contact our technical service for more detailed information.

### SELECTION TABLES

#### SERIES Ø35

	3 Nm	5 Nm	9 Nm
Ø ROLLER	30 turns	30/21 turns	16 turns
Ø40	11 kg	15 kg	28 kg
Ø50	7 kg	12 kg	23 kg
Ø60	-	9 kg	18 kg

#### SERIES Ø45

	6 Nm	7 Nm	10 Nm	15 Nm	20 Nm	25 Nm
Ø ROLLER	17 turns	30 turns	17 turns	17/30 turns	17 turns	17 turns
Ø50	18 kg	18 kg	30 kg	45 kg	57 kg	65 kg
Ø60	15 kg	15 kg	24 kg	40 kg	50 kg	57 kg
Ø70	-	-	21 kg	33 kg	42 kg	51 kg
Ø78	-	-	17 kg	27 kg	34 kg	45 kg

The friction safety coefficient has been taken into consideration in the tables. Tables are purely indicative, as variations can occur according to the installation conditions. Contact our technical service for more detailed information.



## Tubular motors

### motors Ø 35

With integrated radio - electronic LS

**SENSO RX**

p. 22

### motors Ø 45

Wired - mechanical LS

**MOVI**

p. 24

With integrated radio - mechanical LS

**MOVI RX**

p. 26

Wired, with manual override - mechanical LS

**OCEAN**

p. 28

With integrated radio - override device - mechanical LS

**OCEAN RX**

p. 30

With integrated radio - electronic LS - solar powered

**LUMEN S-RX**

p. 32

With Wi-Fi and CRC RX integrated radio - electronic LS

**OPEN WRX**

p. 34

With integrated radio - electronic LS

**WAVE RX**

p. 36

With Wi-Fi and CRC RX integrated radio - electronic LS

**ORA WRX**

p. 38

With integrated radio - electronic LS

**SPIN RX**

p. 40

### motors Ø 58

Wired - mechanical LS

**GARDA**

p. 42

Wired, with manual override - mechanical LS

**OCEAN**

p. 44

With integrated radio - electronic LS

**TRONIC RX**

p. 46

With integrated radio - electronic LS

**WAVE RX**

p. 48

With Wi-Fi and CRC RX integrated radio - electronic LS

**ORA WRX**

p. 50

# Senso RX Ø35



ideal for screens, mosquito nets and interior venetian blinds

## Electronic limit switch with built-in receiver, wire and radio control

Simple and intuitive adjustment of the limit switch from the remote control.

The encoder technology makes it possible to keep the position set with optimum precision and reliability.

## Safety and simplicity

High-safety coding system "Rolling Code".

Easy programming and operation: the motor confirms all the steps by means of small rotations.

## Specific functions

- "Super-sensitivity" function on obstacle detection (downwards) with drive inversion, set by remote control, setting on 3 levels possible, especially for screens and mosquito blinds.
- Possibility of memorizing an intermediate position.
- Setting possible with remote control or wired switch.

## Optional connections

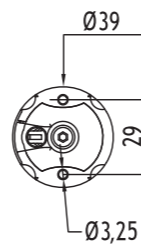
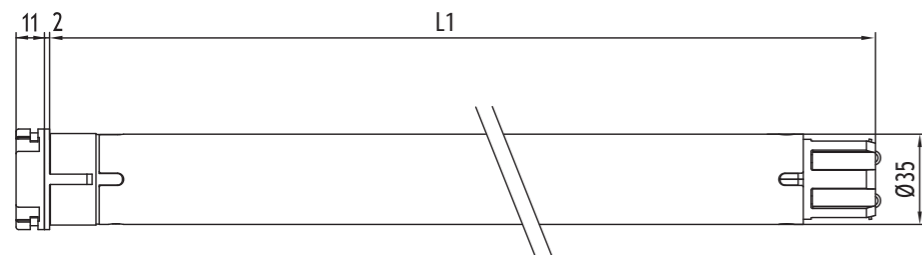
Wired switch.

Connection to WindTec climatic controls via radio.

## MOTOR WITH BUILT-IN RECEIVER



BROWN - PHASE  
WHITE - WIRED SWITCH  
BLUE - NEUTRAL  
YELLOW - GREEN ⊕



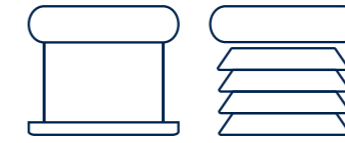
## Senso RX Ø35

## MAIN CHARACTERISTICS

## TECHNICAL FEATURES

Motor torque (Nm)	3	5	9
Speed (rpm)	30	30	16
Power (W)	110	130	130
Power supply (V/Hz)	230/50	230/50	230/50
Radio frequency (MHz)	433,92	433,92	433,92
Consumption (A)	0,50	0,60	0,60
Cable 4 x 0,75 (m)	lg. 2,5	lg. 2,5	lg. 2,5
Operating time (min)	4	4	4
Protection degree	IP44	IP44	IP44
Receiver storage capacity (No. Remote controls)	15	15	15
Weight (kg)	1,7	1,7	1,7
L1 (mm)	547	547	547

## APPLICATION



## TECHNOLOGY



Code	Head	Torque	Speed
CEA35033000	Plastic material	3 Nm	30 rpm
CEA35053000	Plastic material	5 Nm	30 rpm
CEA35091600	Plastic material	9 Nm	16 rpm

Certifications are available on the cherubini-group.com website

3/30	5/30	9/16
3	5	9
30	30	16
110	130	130
230/50	230/50	230/50
433,92	433,92	433,92
0,50	0,60	0,60
lg. 2,5	lg. 2,5	lg. 2,5
4	4	4
IP44	IP44	IP44
15	15	15
1,7	1,7	1,7
547	547	547

## COMPATIBLE SYSTEMS



### Cherubini Remote Controls

One-channel, multi-channel, wall-mounted remote controls.



### METAHome Gateway

Enables control of Wi-Fi and Z-Wave devices and Cherubini CRC RX radio motors via smartphones and voice assistants.



### Climatic controls WindTec

Wind and sun/wind sensors with connection to the motor via radio (wireless).

# Movi Ø45

the simplest solution for roller shutters and vertical blinds



## Motor with wire control with mechanical limit switch

Reliable and easy adjustment of the limit switches.  
Fixed limit switch position.

## Strength and safety

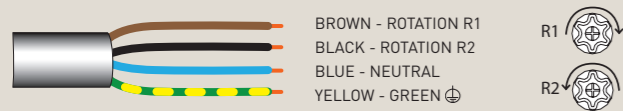
The star-shaped technopolymer (10-30 Nm) or Zama (40-50 Nm) reducer pin makes the motor highly reliable.

## Dual brake system

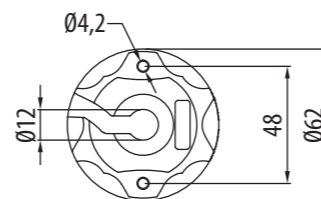
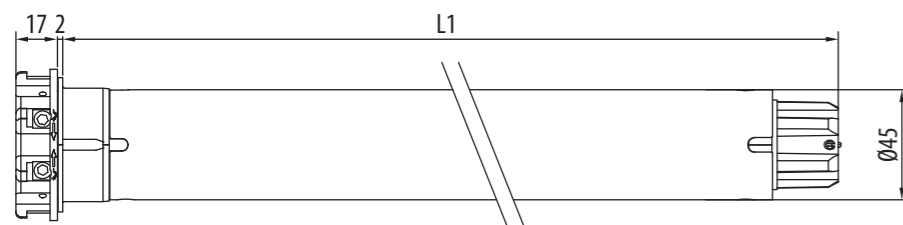
The motor features a dual brake system that provides more efficient braking, improved durability, and reduced noise levels.



## MOTOR WITH WIRE CONTROL



BROWN - ROTATION R1  
BLACK - ROTATION R2  
BLUE - NEUTRAL  
YELLOW - GREEN ⚡



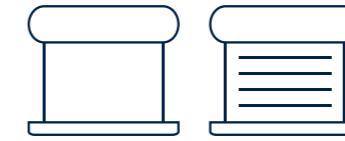
## Movi Ø45

## MAIN CHARACTERISTICS

## TECHNICAL FEATURES

Motor torque (Nm)	
Speed (rpm)	
Mechanical limit switch*	
Power (W)	
Power supply (V/Hz)	
Consumption (A)	
Cable** 4 x 0,75 (m)	
Operating time (min)	
Protection degree	
Weight (kg)	
L1 (mm)	

## APPLICATION



Code	Head	Torque	Speed
CMM45101700	Plastic material	10 Nm	17 rpm
CMM45201700	Plastic material	20 Nm	17 rpm
CMM45301700	Plastic material	30 Nm	17 rpm
CMM45401700	Plastic material	40 Nm	17 rpm
CMM45501200	Plastic material	50 Nm	12 rpm

Certifications are available on the cherubini-group.com website

This motor is compatible with the fastening system **OPTIME**

	10/17	20/17	30/17	40/17	50/12
Motor torque (Nm)	10	20	30	40	50
Speed (rpm)	17	17	17	17	12
Mechanical limit switch*	25	25	25	25	25
Power (W)	135	200	250	275	275
Power supply (V/Hz)	230/50	230/50	230/50	230/50	230/50
Consumption (A)	0,60	0,90	1,10	1,20	1,25
Cable** 4 x 0,75 (m)	lg. 2,5	lg. 2,5	lg. 2,5	lg. 2,5	lg. 2,5
Operating time (min)	4	4	4	4	4
Protection degree	IP44	IP44	IP44	IP44	IP44
Weight (kg)	2,3	2,5	3,0	3,0	3,0
L1 (mm)	496	546	546	586	586

\* Upon request, available with 37 turns before stop

\*\* Possibility of cable with Hirschmann STAS 3.



## Cherubini Remote Controls

One-channel, multi-channel, wall-mounted remote controls.



## MyRoll radio receiver

Small radio receiver, compatible with the Cherubini remote controls.

## COMPATIBLE SYSTEMS

# Movi RX Ø45



the motor for roller shutters and vertical blinds with integrated radio

## Mechanical limit switch with in-built receiver

Simple and intuitive adjustment of the limit switches.

## Safety and simplicity

High-safety coding system "Rolling Code".

Easy programming and operation: the motor confirms all the steps by means of small rotations.

## Strength and safety

The star-shaped technopolymer (10-30 Nm) or Zama (40-50 Nm) reducer pin makes the motor highly reliable.

## Dual brake system

The motor features a dual brake system that provides more efficient braking, improved durability, and reduced noise levels.

## Optional connections

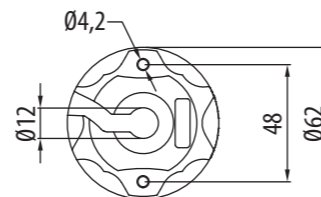
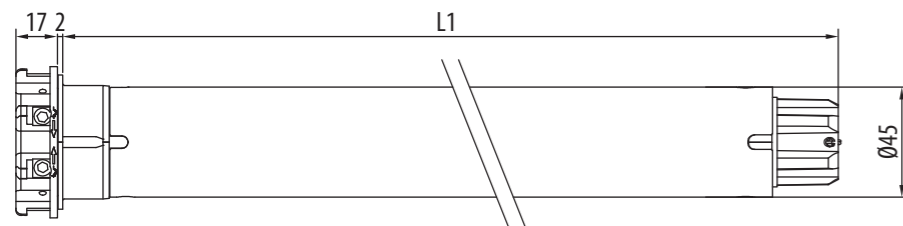
Wired switch.

Connection to WindTec climatic controls via radio.

## MOTOR WITH BUILT-IN RECEIVER



BROWN - PHASE  
WHITE - WIRED SWITCH  
BLUE - NEUTRAL  
YELLOW - GREEN ⊕



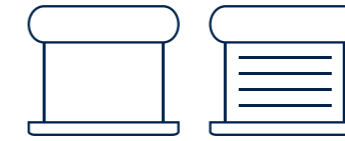
## Movi RX Ø45

## MAIN CHARACTERISTICS

## TECHNICAL FEATURES

Motor torque (Nm)	
Speed (rpm)	
Mechanical limit switch*	
Power (W)	
Power supply (V/Hz)	
Consumption (A)	
Cable** 4 x 0,75 (m)	
Operating time (min)	
Protection degree	
Weight (kg)	
L1 (mm)	

## APPLICATION



## TECHNOLOGY



Code	Head	Torque	Speed
CMN45101700	Plastic material	10 Nm	17 rpm
CMN45201700	Plastic material	20 Nm	17 rpm
CMN45301700	Plastic material	30 Nm	17 rpm
CMN45401700	Plastic material	40 Nm	17 rpm
CMN45501200	Plastic material	50 Nm	12 rpm

Certifications are available on the cherubini-group.com website

This motor is compatible with the fastening system **OPTime**

10/17	20/17	30/17	40/17	50/12
10	20	30	40	50
17	17	17	17	12
25	25	25	25	25
135	200	250	275	275
230/50	230/50	230/50	230/50	230/50
0,60	0,90	1,10	1,20	1,25
lg. 2,5	lg. 2,5	lg. 2,5	lg. 2,5	lg. 2,5
4	4	4	4	4
IP44	IP44	IP44	IP44	IP44
2,3	2,5	3,0	3,0	3,0
646	646	671	671	671

\* Upon request, available with 37 turns before stop

\*\* Possibility of cable with Hirschmann STAS 3.

## COMPATIBLE SYSTEMS



### Cherubini Remote Controls

One-channel, multi-channel, wall-mounted remote controls.



### METAHome Gateway

Enables control of Wi-Fi and Z-Wave devices and Cherubini CRC RX radio motors via smartphones and voice assistants.



### Climatic controls WindTec WindTec SC

Radio Wind- & Sun sensor (wireless via radio receiver) and Wind sensor (wired).

# Ocean Ø45



## Mechanical limit switch

Reliable and easy adjustment of the limit switches.  
Double access to the adjusting screws.

## Compact override

Thanks to its small size, this device can be installed in limited spaces.

The reduction ratio is **1:24**.

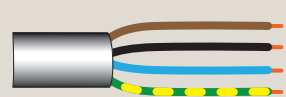
## Attachment without brackets

Thanks to the metallic head, the motor can be fastened directly to the bracket without needing additional supports.

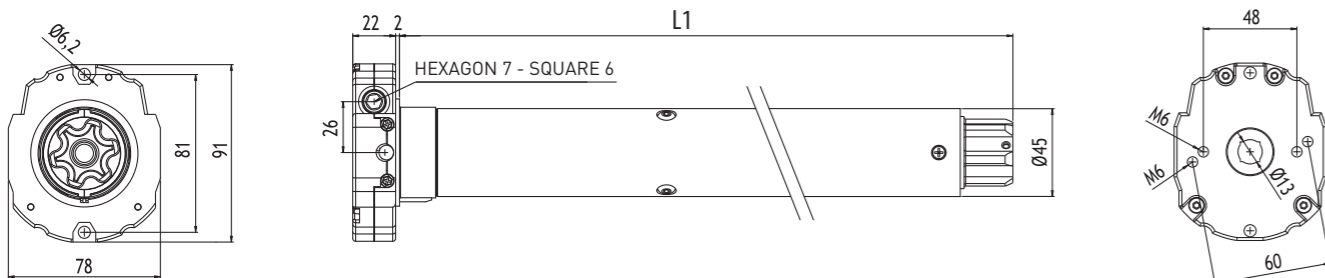
## Strength and safety

The star-shaped metallic reducer pin makes the motor highly reliable.

## MOTOR WITH WIRE CONTROL AND OVERRIDE



BROWN - ROTATION R1  
BLACK - ROTATION R2  
BLUE - NEUTRAL  
YELLOW - GREEN ⊕



## Ocean Ø45

## MAIN CHARACTERISTICS

## TECHNICAL FEATURES

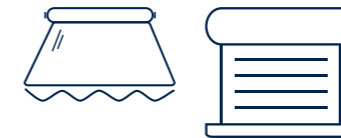
Motor torque (Nm)	
Speed (rpm)	
Mechanical limit switch	
Power (W)	
Power supply (V/Hz)	
Consumption (A)	
Cable* 4 x 0,75 (m)	
Operating time (min)	
Protection degree	
Weight (kg)	
L1 (mm)	

## ACCESSORIES FOR MANUAL OPERATION

For a complete list see "Accessories for manual operation" on page 66

## COMPATIBLE SYSTEMS

## APPLICATION



Code	Head	Torque	Speed
CMS45151700	Zama	15 Nm	17 rpm
CMS45251700	Zama	25 Nm	17 rpm
CMS45321700	Zama	32 Nm	17 rpm
CMS45501200	Zama	50 Nm	12 rpm

Certifications are available on the cherubini-group.com website

15/17	25/17	32/17	50/12
15	25	32	50
17	17	17	12
32	32	32	32
170	225	250	275
230/50	230/50	230/50	230/50
0,80	1,00	1,10	1,25
lg. 2,5	lg. 2,5	lg. 2,5	lg. 2,5
4	4	4	4
IP44	IP44	IP44	IP44
3,7	4,0	4,0	4,0
646	646	646	646

\*Possibility of cable with Hirschmann STAS 3.



**Foldable crank**  
with hook length 150 cm  
Ref. 7463 150G 2101



**Crank**  
lg. 180 cm  
Ref. 9100 180L CH02



**Eye with hexagon**  
7 x 86 mm  
Ref. 6010 7008 CH16

## AUTOMATION OF THE MOTOR WITH MANUAL OVERRIDE DEVICE

Ocean combined with TDS Compact and Compact Roll radio receivers becomes a radio controlled motor and takes on new functions.

**Moving the override, the end positions remain unchanged.**



### OCEAN + TDS Compact

- Obstacle recognition during closing.
- Closing force adjustment on 3 levels possible.
- First intermediate position programmable from the remote control.
- Second intermediate position programmable from the remote control and controlled by the WindTec Lux light sensor.



### OCEAN + MyRoll

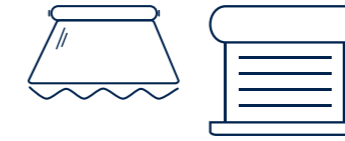
- 3 level adjustable time-out time.
- Possibility of connecting an up/down button.
- It can be inserted in a built-in socket.

# Ocean RX Ø45



## Ocean RX Ø45

APPLICATION



TECHNOLOGY



### Mechanical limit switch

### Built-in radio receiver et override device

The reduction ratio is **1:24**.

### Safety and simplicity

High-safety coding system "Rolling Code".

Easy programming and operation: the motor confirms all the steps by means of small rotations.

### Specific functions

- Precise adjustment for cassette awnings: the mechanical stop and regulation of the closing force enable the perfect awning closure, avoiding the danger of excessive pull on the fabric.
- Obstacle detection upwards, sensitivity setting on 3 levels possible via remote control.
- Direct fixing to the bracket without using supports.

### Optional connections

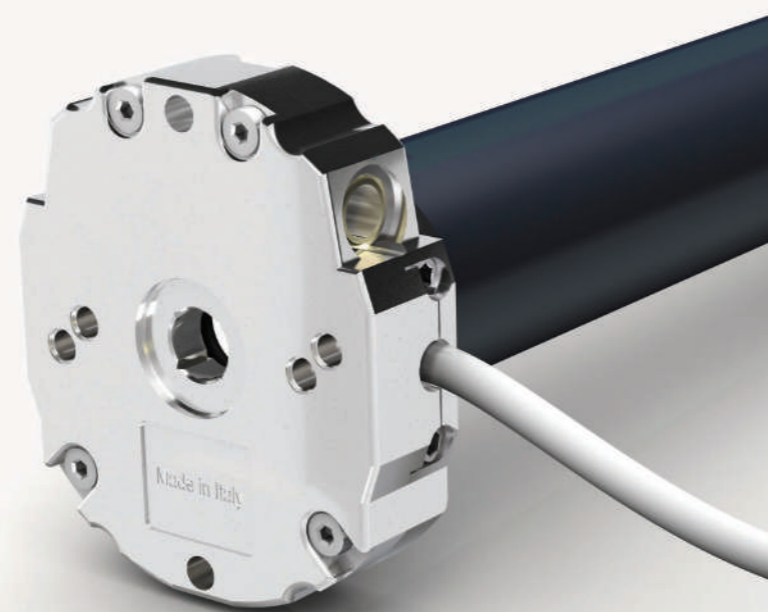
Wired switch.

Connection to WindTec climatic controls via radio.

### MOTOR WITH BUILT-IN RECEIVER AND OVERRIDE DEVICE



BROWN - PHASE  
WHITE - WIRED SWITCH  
BLUE - NEUTRAL  
YELLOW - GREEN ⊕



### MAIN CHARACTERISTICS

### TECHNICAL FEATURES

Motor torque (Nm)	32	40	50
Speed (rpm)	17	17	12
Mechanical limit switch	32	32	32
Power (W)	250	275	275
Power supply (V/Hz)	230/50	230/50	230/50
Radio frequency (MHz)	433,92	433,92	433,92
Consumption (A)	1,10	1,25	1,25
Cable* 4 x 0,75 (m)	lg. 3	lg. 3	lg. 3
Operating time (min)	4	4	4
Protection degree	IP44	IP44	IP44
Receiver storage capacity (No. Remote controls)	15	15	15
Weight (kg)	4,2	4,2	4,2
L1 (mm)	725	725	725

### ACCESSORIES FOR MANUAL OPERATION

For a complete list see "Accessories for manual operation" on page 66



**Foldable crank**  
with hook length 150 cm  
Ref. 7463 150G 2101



**Eye with hexagon**  
7 x 86 mm  
Ref. 6010 7008 CH16



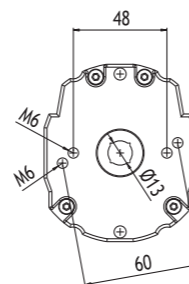
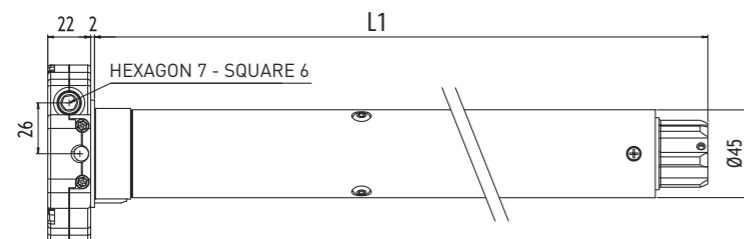
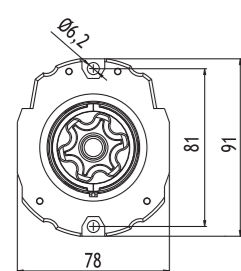
**Cherubini Remote Controls**

One-channel, multi-channel, wall-mounted remote controls.



**Climatic controls WindTec**

Wind-sensor and Wind- & Sun-sensor.



# Lumen S-RX Ø45

solar energy at your disposal



## Electronic limit switch with built-in radio

Simple and intuitive adjustment of the limit switch from the remote control.

The encoder technology makes it possible to keep the position set with optimum precision and reliability.

## Safety and simplicity

High-safety coding system Rolling Code.

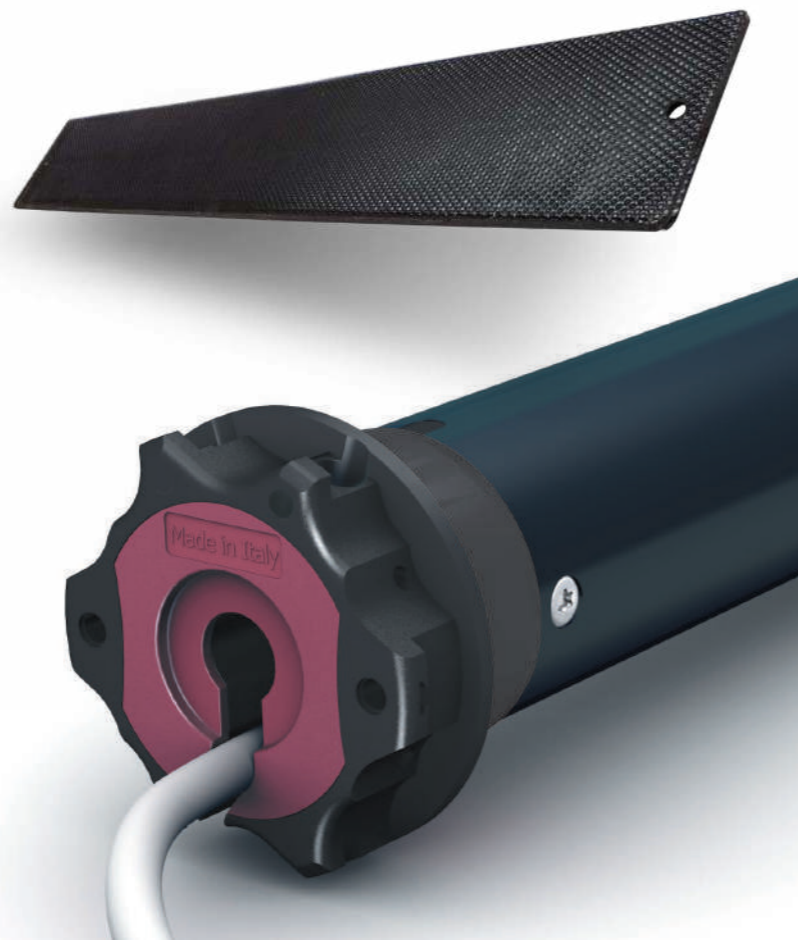
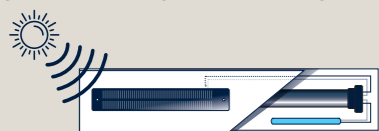
## Specific features

- Noiseless gearbox with spring brake.
- Possibility of recharging the system from an external battery charger.
- MPPT technology for greater solar panel usage. Charge limited to 90% of capacity to extend battery life.
- Smart electronics: the motor limits the discharge and charge of the battery to increase the number of cycles.

## Specific functions

- Manual and semi-automatic adjustment of the limit switches.
- Protection against freezing and obstacle detection on both directions, sensitivity setting on 3 levels possible.
- Possibility of memorizing an intermediate position.
- Setting via remote control.
- Speed adjustment near the limit switches for gentler stop.

## MOTOR WITH BUILT-IN RECEIVER



## Lumen S-RX Ø45

## MAIN CHARACTERISTICS

## TECHNICAL FEATURES

Motor torque (Nm)	10
Speed (rpm)	17
Power (W)	60
Power supply (V/Hz)	230/50
Radio frequency (MHz)	433,92
Consumption (A)	5
Cable 4 x 0,75 (m)	lg. 0,3
Operating time (min)	continuous
Protection degree	IP44
Receiver storage capacity (No. Remote controls)	15
Weight (kg)	1,577
L1 (mm)	420

## APPLICATION



## TECHNOLOGY



Code	Head	Torque	Speed
CDR45101700	Plastic material	10 Nm	17 rpm

Certifications are available on the cherubini-group.com website

## 10/17

Motor torque (Nm)	10
Speed (rpm)	17
Power (W)	60
Power supply (V/Hz)	230/50
Radio frequency (MHz)	433,92
Consumption (A)	5
Cable 4 x 0,75 (m)	lg. 0,3
Operating time (min)	continuous
Protection degree	IP44
Receiver storage capacity (No. Remote controls)	15
Weight (kg)	1,577
L1 (mm)	420

The motor is provided in a complete kit configuration, including the battery, photovoltaic panel, and associated cabling. Replacement items may be ordered using the codes indicated below:

- **A4508\_0U18** Extension cable kit for solar motor L. 1500 mm (Pack 10 pcs.)
- **A4508\_0U17** Extension cable kit for solar motor L. 300 mm (Pack 10 pcs.)
- **A4508\_0U16** Power adapter kit for solar motor (Pack 5 pcs.)
- **A4508\_0U24** Battery replacement (Solar motor kit)
- **A4508\_0U25** Photovoltaic panel replacement (Solar motor kit)
- **A4508\_0U53** LUMEN S-RX motor replacement (Solar motor kit)



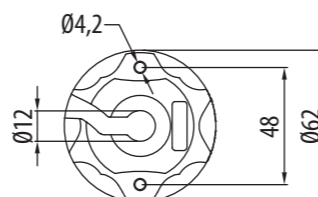
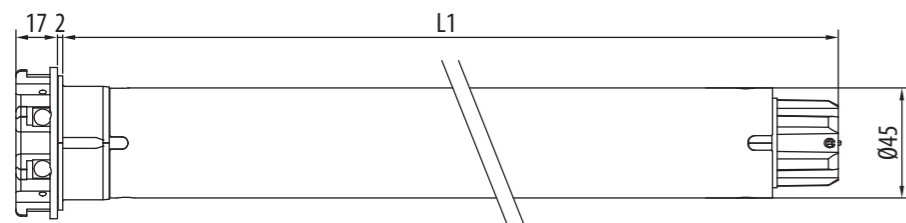
## Cherubini Remote Controls

One-channel, multi-channel, wall-mounted remote controls.



## METAHome Gateway

Enables control of Wi-Fi and Z-Wave devices and Cherubini CRC RX radio motors via smartphones and voice assistants.



# Open WRX Ø45

dual-radio, multiple benefits



## Electronic limit switch with integrated dual-radio Cherubini CRC RX and Wi-Fi

The motor can be controlled by voice assistants (Google Home and Amazon Alexa) and CRC RX radio remote controls, switches, and online applications associated with the gateway.

### Total information return

The motor keeps its status aligned for any type of command received: via cable through push button or switch, via CRC RX radio through remote control, via Wi-Fi network, via voice assistant, tablet or smartphone.

### Efficiency

Thanks to the dual-radio, the motor offers the same advantages and ease of programming as the Cherubini range, plus seamless integration into Wi-Fi home building automation systems.

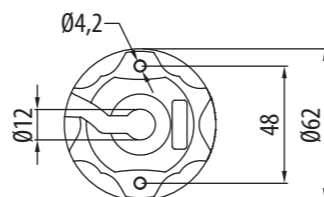
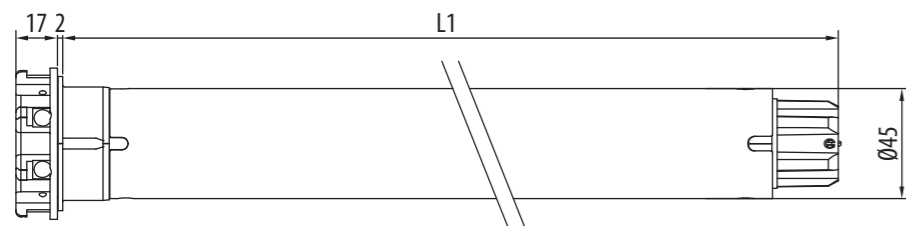
### Specific functions

- Manual and semi-automatic adjustment of the limit switches.
- Protection against freezing and obstacle detection on both directions, sensitivity setting on 3 levels possible.
- Possibility of memorizing an intermediate position.
- Setting possible with remote control or wired switch.

### Optional connections

Wired switch.

### MOTOR WITH BUILT-IN RECEIVER



## Open WRX Ø45

### MAIN CHARACTERISTICS

### TECHNICAL FEATURES

Motor torque (Nm)	
Speed (rpm)	
Power (W)	
Power supply (V/Hz)	
Radio frequency (MHz)	
Consumption (A)	
Cable 4 x 0,75 (m)	
Operating time (min)	
Protection degree	
Receiver storage capacity (No. Remote controls)	
Weight (kg)	
L1 (mm)	

### APPLICATION



### TECHNOLOGY



Code	Head	Torque	Speed
CWR45061700	Plastic material	6 Nm	17 rpm
CWR45101700	Plastic material	10 Nm	17 rpm
CWR45151700	Plastic material	15 Nm	17 rpm
CWR45251700	Plastic material	25 Nm	17 rpm
CWR45321700	Plastic material	32 Nm	17 rpm
CWR45401700	Plastic material	40 Nm	17 rpm
CWR45501200	Plastic material	50 Nm	12 rpm

Certifications are available on the cherubini-group.com website

6/17	10/17	15/17	25/17	32/17	40/17	50/12
6	10	15	25	32	40	50
17	17	17	17	17	17	12
110	135	170	225	250	275	275
230/50	230/50	230/50	230/50	230/50	230/50	230/50
433,92	433,92	433,92	433,92	433,92	433,92	433,92
0,50	0,60	0,80	1,00	1,10	1,25	1,25
lg. 3	lg. 3	lg. 3	lg. 3	lg. 3	lg. 3	lg. 3
4	4	4	4	4	4	4
IP44	IP44	IP44	IP44	IP44	IP44	IP44
15	15	15	15	15	15	15
2,3	2,4	2,5	3,2	3,2	3,2	3,2
473	488	503	543	543	543	543

### COMPATIBLE SYSTEMS



#### Cherubini Remote Controls

One-channel, multi-channel, wall-mounted remote controls.



#### METAHome Gateway

Enables control of Wi-Fi and Z-Wave devices and Cherubini CRC RX radio motors via smartphones and voice assistants.

# Wave RX Ø45

the motor for all awning types



**Electronic limit switch with built-in receiver, wire and radio control**

### Attachment without brackets

Thanks to the metallic head, the motor can be fastened directly to the bracket.

### Adjustment of the closing force

The possibility to adjust the applied force ensures the perfect closing of the cassette awnings and avoids the danger of over-stretching the awning fabric.

### Specific functions

- "Super-sensitivity" function on obstacle detection (downwards), set by remote control, setting on 3 levels possible (only for 10-15-25 Nm).
- Obstacle detection upwards, sensitivity setting on 3 levels possible.
- Torque control for the stop in closing position of cassette awnings.
- Possibility of memorizing an intermediate position.
- Setting possible with remote control or wired switch.

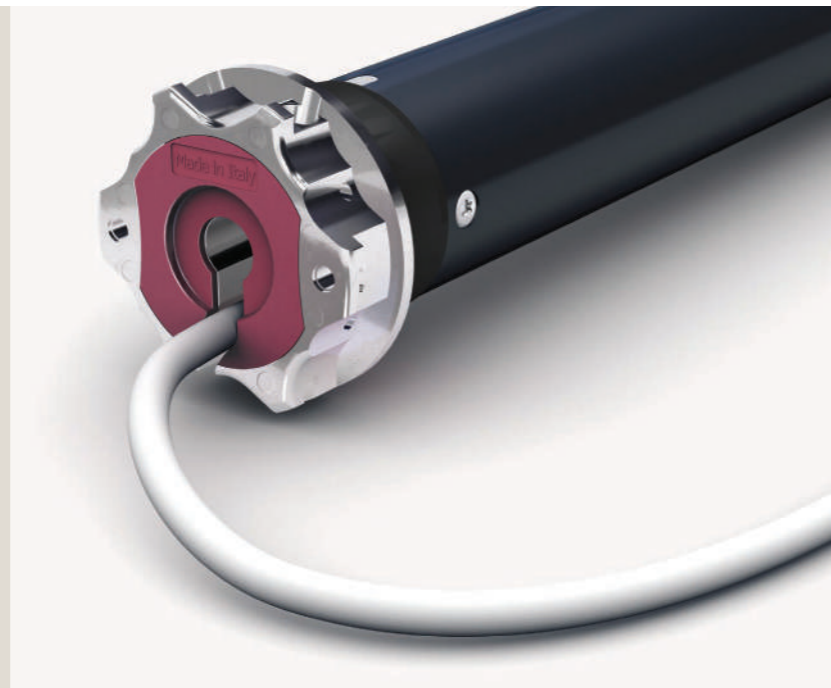
### Optional connections

- Wired switch.
- Connection to WindTec climatic controls via radio.

### MOTOR WITH BUILT-IN RECEIVER



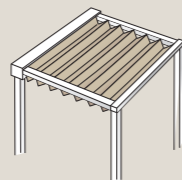
BROWN - PHASE  
WHITE - WIRED SWITCH  
BLUE - NEUTRAL  
YELLOW - GREEN ⊕



### FUNCTIONS FOR PERGOLAS AND VERANDAS

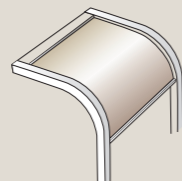
#### Pitched pergolas

On pitched pergolas the motor stops automatically when the fabric reaches its point of greatest extension: performing a remote control sequence is sufficient to program the limit switches. From that moment onwards each time the motor reaches the opening limit switch position, it stops so that it keeps the awning fabric taut.



#### Pergolas and horizontal awnings

For pergolas and horizontal awnings it is possible to activate the Fabric Tightening function: the motor, after reaching the outer limit, automatically performs a short backwards turn to tighten the fabric.



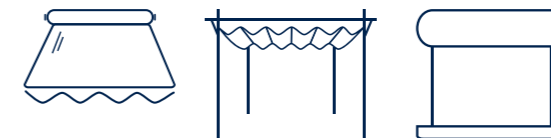
## Wave RX Ø45

### MAIN CHARACTERISTICS

### TECHNICAL FEATURES

Motor torque (Nm)	
Speed (rpm)	
Power (W)	
Power supply (V/Hz)	
Radio frequency (MHz)	
Consumption (A)	
Cable 4 x 0,75 (m)	
Operating time (min)	
Protection degree	
Receiver storage capacity (No. Remote controls)	
Weight (kg)	
L1 (mm)	

### APPLICATION



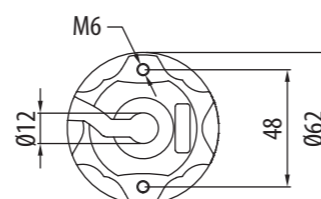
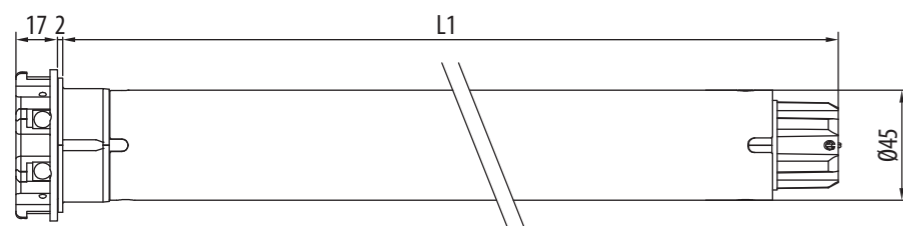
### TECHNOLOGY



Code	Head	Torque	Speed
CET45101700	Zama	10 Nm	17 rpm
CET45251700	Zama	25 Nm	17 rpm
CET45321700	Zama	32 Nm	17 rpm
CET45501200	Zama	50 Nm	12 rpm

Certifications are available on the cherubini-group.com website

10/17	25/17	32/17	50/12
10	25	32	50
17	17	17	12
135	225	250	275
230/50	230/50	230/50	230/50
433,92	433,92	433,92	433,92
0,60	1,00	1,10	1,25
lg. 5	lg. 5	lg. 5	lg. 5
4	4	4	4
IP44	IP44	IP44	IP44
15	15	15	15
3,0	3,6	3,6	3,6
488	543	543	543



### COMPATIBLE SYSTEMS

#### Cherubini Remote Controls

One-channel, multi-channel, wall-mounted remote controls.

#### Climatic controls WindTec

Wind-sensor and Wind- & Sun-sensor.



# Ora WRX Ø45



## dual-radio motor for awnings and pergolas

### Electronic limit switch with integrated dual-radio Cherubini CRC RX and Wi-Fi

The motor can be controlled by voice assistants (Google Home and Amazon Alexa) and CRC RX radio remote controls, switches, and online applications associated with the gateway.

### Total information return

The motor keeps its status aligned for any type of command received: via cable through push button or switch, via CRC RX radio through remote control, via Wi-Fi network, via voice assistant, tablet or smartphone.

### Efficiency

Thanks to the dual-radio, the motor offers the same advantages and ease of programming as the Cherubini range, plus seamless integration into Wi-Fi home building automation systems.

### Specific functions

- "Super-sensitivity" function on obstacle detection (downwards), set by remote control, setting on 3 levels possible (only for 10-15-25 Nm).
- Obstacle detection upwards, sensitivity setting on 3 levels possible.
- Torque control for the stop in closing position of cassette awnings.
- Possibility of memorizing an intermediate position.

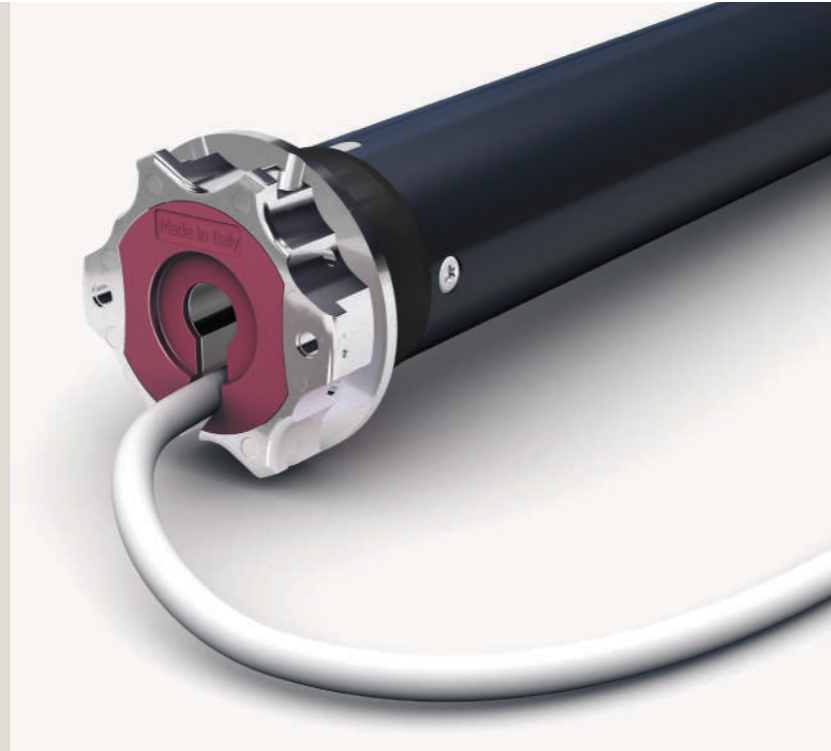
### Optional connections

Wired switch.

### MOTOR WITH BUILT-IN RECEIVER



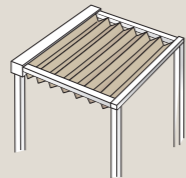
BROWN - PHASE  
WHITE - WIRED SWITCH  
BLUE - NEUTRAL  
YELLOW - GREEN ⊕



### FUNCTIONS FOR PERGOLAS AND VERANDAS

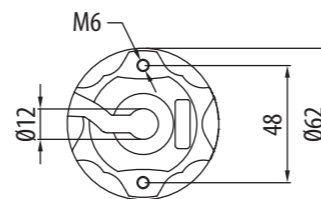
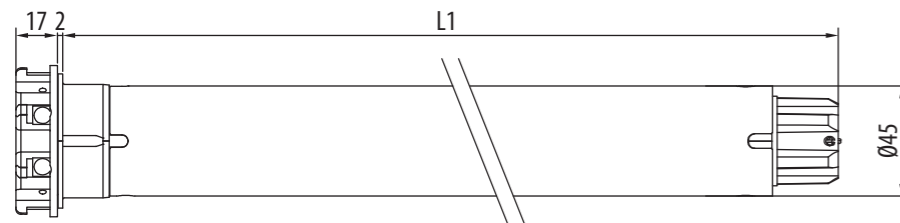
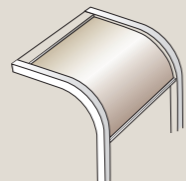
#### Pitched pergolas

On pitched pergolas the motor stops automatically when the fabric reaches its point of greatest extension: performing a remote control sequence is sufficient to program the limit switches. From that moment onwards each time the motor reaches the opening limit switch position, it stops so that it keeps the awning fabric taut.



#### Pergolas and horizontal awnings

For pergolas and horizontal awnings it is possible to activate the Fabric Tightening function: the motor, after reaching the outer limit, automatically performs a short backwards turn to tighten the fabric.



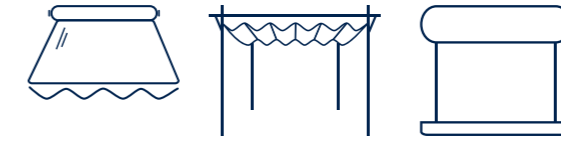
## Ora WRX Ø45

### MAIN CHARACTERISTICS

### TECHNICAL FEATURES

Motor torque (Nm)				
Speed (rpm)				
Power (W)				
Power supply (V/Hz)				
Radio frequency (MHz)				
Consumption (A)				
Cable 4 x 0,75 (m)				
Operating time (min)				
Protection degree				
Receiver storage capacity (No. Remote controls)				
Weight (kg)				
L1 (mm)				

### APPLICATION



### TECHNOLOGY



Code	Head	Torque	Speed
CWT45151700	Zama	15 Nm	17 rpm
CWT45251700	Zama	25 Nm	17 rpm
CWT45321700	Zama	32 Nm	17 rpm
CWT45401700	Zama	40 Nm	17 rpm
CWT45501200	Zama	50 Nm	12 rpm

Certifications are available on the cherubini-group.com website

15/17	25/17	32/17	40/17	50/12	
Motor torque (Nm)	15	25	32	40	50
Speed (rpm)	17	17	17	17	12
Power (W)	170	225	250	275	275
Power supply (V/Hz)	230/50	230/50	230/50	230/50	230/50
Radio frequency (MHz)	433,92	433,92	433,92	433,92	433,92
Consumption (A)	0,80	1,00	1,10	1,25	1,25
Cable 4 x 0,75 (m)	lg. 5	lg. 5	lg. 5	lg. 5	lg. 5
Operating time (min)	4	4	4	4	4
Protection degree	IP44	IP44	IP44	IP44	IP44
Receiver storage capacity (No. Remote controls)	15	15	15	15	15
Weight (kg)	3,1	3,6	3,6	3,6	3,6
L1 (mm)	503	543	543	543	543

### COMPATIBLE SYSTEMS



#### Cherubini Remote Controls

One-channel, multi-channel, wall-mounted remote controls.



#### METAHome Gateway

Enables control of Wi-Fi and Z-Wave devices and Cherubini CRC RX radio motors via smartphones and voice assistants.



#### Climatic controls WindTec

Wind-sensor and Wind- & Sun-sensor.

# Spin RX Ø45

silent motor for indoor use



## Electronic limit switch with built-in receiver, wired

Round head: designed for ease of installation, Spin RX features a round tube diameter head (45 mm) and a front connector for easy rewinding of Screens and Zips. Silent gearbox with spring brake to greatly increase motor quietness, ensuring constant and tenacious braking (up to 15 Nm).

## Safety and simplicity

High-safety coding system "Rolling Code".

Easy programming and operation: the motor confirms all the steps by means of small rotations.

## Specific functions

- "Super-sensitivity" function on obstacle detection (downwards), set by remote control, setting on 3 levels possible.
- Torque control for the stop in closing position of cassette awnings.
- Possibility of memorising an intermediate position.
- Setting possible with remote control or wired switch.

## Optional connections

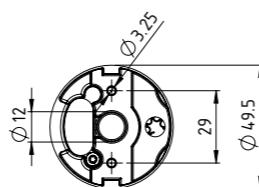
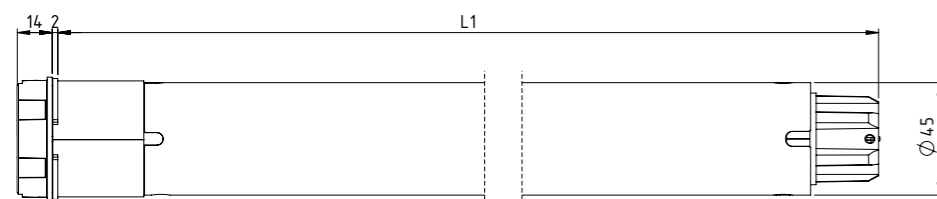
Wired switch.

Connection to WindTec climatic controls via radio.

## MOTOR WITH BUILT-IN RECEIVER



BROWN - PHASE  
WHITE - WIRED SWITCH  
BLUE - NEUTRAL  
YELLOW - GREEN ⊕



## Senso RX Ø45

## MAIN CHARACTERISTICS

## TECHNICAL FEATURES

Motor torque (Nm)	10	15	25
Speed (rpm)	17	17	17
Power (W)	135	170	225
Power supply (V/Hz)	230/50	230/50	230/50
Radio frequency (MHz)	433,92	433,92	433,92
Consumption (A)	0,60	0,80	1,00
Cable 4 x 0,75 (m)	lg. 3	lg. 3	lg. 3
Operating time (min)	4	4	4
Protection degree	IP44	IP44	IP44
Receiver storage capacity (No. Remote controls)	15	15	15
Weight (kg)	2,4	2,5	3,2
L1 (mm)	530	545	555

## APPLICATION



## TECHNOLOGY



Code	Head	Torque	Speed
CEZ45101700	Plastic material	10 Nm	17 rpm
CEZ45151700	Plastic material	15 Nm	17 rpm
CEZ45251700	Plastic material	25 Nm	17 rpm

Certifications are available on the cherubini-group.com website

10/17	15/17	25/17
10	15	25
17	17	17
135	170	225
230/50	230/50	230/50
433,92	433,92	433,92
0,60	0,80	1,00
lg. 3	lg. 3	lg. 3
4	4	4
IP44	IP44	IP44
15	15	15
2,4	2,5	3,2
530	545	555



## Cherubini Remote Controls

One-channel, multi-channel, wall-mounted remote controls.



## Climatic controls WindTec

Wind and sun/wind sensors with connection to the motor via radio (wireless).

## COMPATIBLE SYSTEMS

# Garda Ø58



## Mechanical limit switch

Reliable and easy adjustment of the limit switches.

## Strength and safety

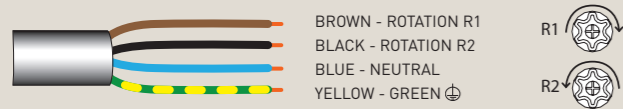
The star-shaped metallic reducer pin makes the motor highly reliable.

## Attachment without brackets

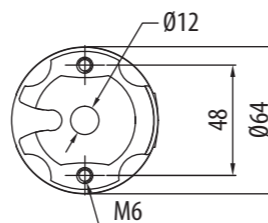
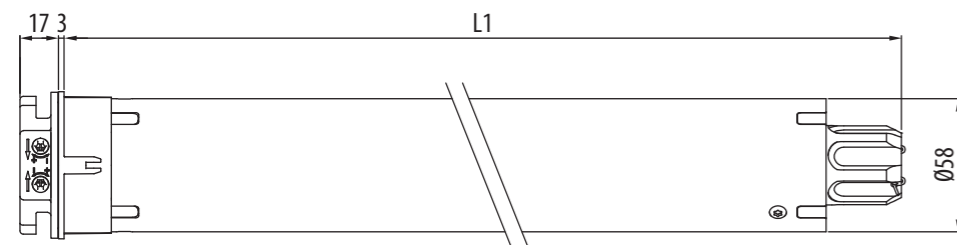
Thanks to the metallic head, the motor can be fastened directly to the bracket without needing additional supports.



## MOTOR WITH WIRE CONTROL



BROWN - ROTATION R1  
BLACK - ROTATION R2  
BLUE - NEUTRAL  
YELLOW - GREEN  $\oplus$



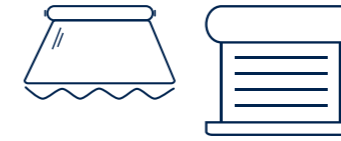
## Garda Ø58

## MAIN CHARACTERISTICS

## TECHNICAL FEATURES

Motor torque (Nm)	
Speed (rpm)	
Mechanical limit switch*	
Power (W)	
Power supply (V/Hz)	
Consumption (A)	
Cable** 4 x 0,75 (m)	
Operating time (min)	
Protection degree	
Weight (kg)	
L1 (mm)	

## APPLICATION



Code	Head	Torque	Speed
CME58061700	Zama	65 Nm	17 rpm
CME58081700	Zama	85 Nm	17 rpm
CME58101100	Zama	100 Nm	11 rpm
CME58121100	Zama	120 Nm	11 rpm

Certifications are available on the cherubini-group.com website

65/17	85/17	100/11	120/11
65	85	100	120
17	17	11	11
25	25	25	25
330	375	360	415
230/50	230/50	230/50	230/50
1,50	1,70	1,60	1,90
lg. 2,5	lg. 2,5	lg. 2,5	lg. 2,5
4	4	4	4
IP44	IP44	IP44	IP44
5,7	5,7	5,7	5,7
646	646	646	646

\* Upon request, available with 37 turns before stop  
\*\* Possibility of cable with Hirschmann STAS 3.

## COMPATIBLE SYSTEMS



### Cherubini Remote Controls

One-channel, multi-channel, wall-mounted remote controls.



### Radio receivers for awnings

These receivers make it possible to activate mechanical motors automatically.



### Radio receivers for rolling shutters

Small radio receivers. Compatible with the Cherubini remote controls.



### Climatic controls WindTec WindTec SC

Radio Wind- & Sun sensor (wireless via radio receiver) and Wind sensor (wired).

# Ocean Ø58



## Mechanical limit switch

Reliable and easy adjustment of the limit switches.  
Double access to the adjusting screws.

## Strength and safety

The star-shaped metallic reducer pin makes the motor highly reliable.

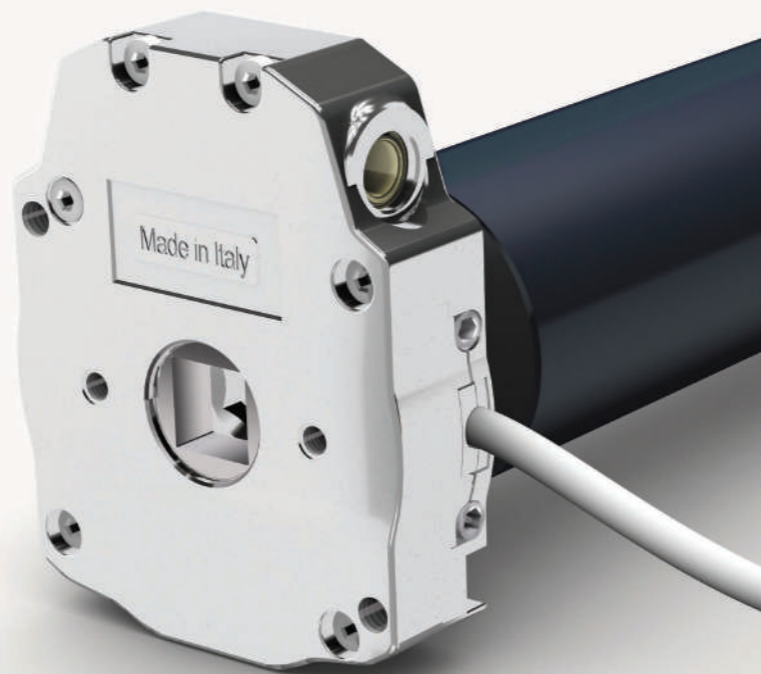
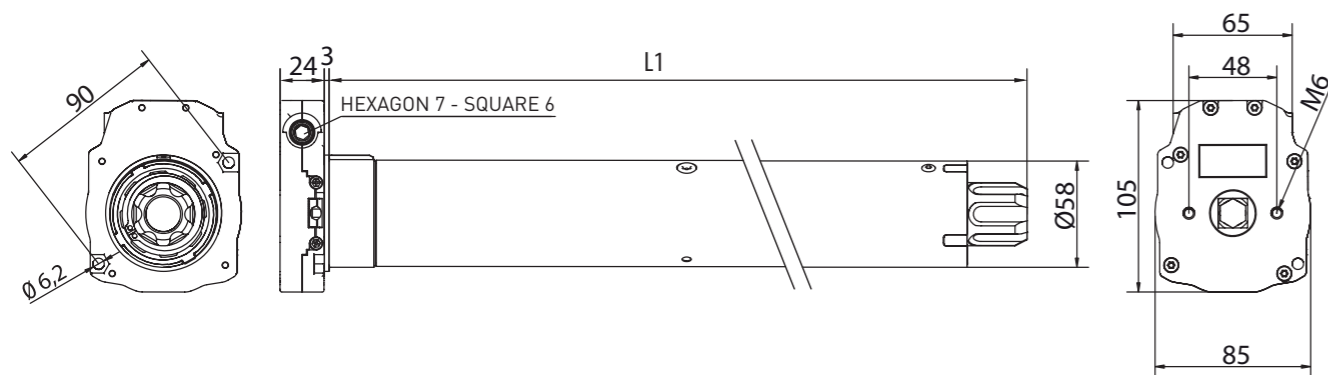
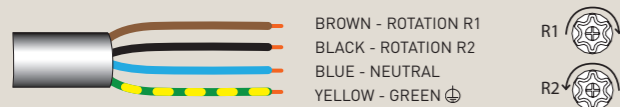
## Attachment without brackets

Thanks to the metallic head, the motor can be fastened directly to the bracket without needing additional supports.

## Compact override

Thanks to its small size, this device can be installed in limited spaces.  
The reduction ratio is **1:55**.

## MOTOR WITH WIRE CONTROL AND OVERRIDE



## Ocean Ø58

## MAIN CHARACTERISTICS

## TECHNICAL FEATURES

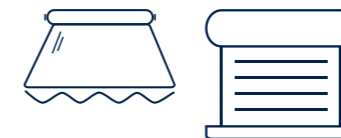
Motor torque (Nm)	
Speed (rpm)	
Mechanical limit switch	
Power (W)	
Power supply (V/Hz)	
Consumption (A)	
Cable* 4 x 0,75 (m)	
Operating time (min)	
Protection degree	
Weight (kg)	
L1 (mm)	

## ACCESSORIES FOR MANUAL OPERATION

For a complete list see "Accessories for manual operation" on page 66

## COMPATIBLE SYSTEMS

## APPLICATION



Code	Head	Torque	Speed
CMS58061700	Zama	65 Nm	17 rpm
CMS58081700	Zama	85 Nm	17 rpm
CMS58101100	Zama	100 Nm	11 rpm
CMS58121100	Zama	120 Nm	11 rpm

Certifications are available on the cherubini-group.com website

65/17	85/17	100/11	120/11
65	85	100	120
17	17	11	11
29	29	29	29
330	375	360	415
230/50	230/50	230/50	230/50
1,50	1,70	1,60	1,90
lg. 2,5	lg. 2,5	lg. 2,5	lg. 2,5
4	4	4	4
IP44	IP44	IP44	IP44
7,0	7,0	7,0	7,0
703	703	703	703

\*Possibility of cable with Hirschmann STAS 3.



**Foldable crank**  
with hook length 150 cm  
Ref. 7463 150G 2101



**Crank**  
lg. 150 cm  
Ref. 9100 150L CH02



**Eye with hexagon**  
7 x 86 mm  
Ref. 6010 7008 CH16

## AUTOMATION OF THE MOTOR WITH MANUAL OVERRIDE DEVICE

Ocean combined with TDS Compact and Compact Roll radio receivers becomes a radio controlled motor and takes on new functions.

**Moving the override, the end positions remain unchanged.**



### OCEAN + TDS Compact

- Obstacle recognition during closing.
- Closing force adjustment on 3 levels possible.
- First intermediate position programmable from the remote control.
- Second intermediate position programmable from the remote control and controlled by the WindTec Lux light sensor.



### OCEAN + MyRoll

- 3 level adjustable time-out time.
- Possibility of connecting an up/down button.
- It can be inserted in a built-in socket.

# Tronic RX Ø58

safety and comfort



## Electronic limit switch with built-in receiver, wire and radio control

Simple and intuitive adjustment of the limit switch from the remote control.

The encoder technology makes it possible to keep the position set with optimum precision and reliability.

## Safety and simplicity

High-safety coding system "Rolling Code".

Easy programming and operation: the motor confirms all the steps by means of small rotations.

## Specific functions

- Manual and semi-automatic adjustment of the limit switches.
- Protection against freezing and obstacle detection on both directions, sensitivity setting on 3 levels possible.
- Possibility of memorizing an intermediate position.
- Setting possible with remote control or wired switch.

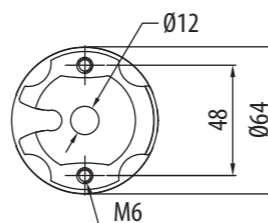
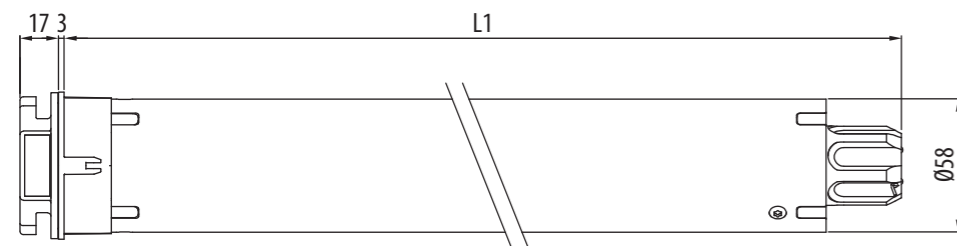
## Optional connections

Wired switch.

## MOTOR WITH BUILT-IN RECEIVER



BROWN - PHASE  
WHITE - WIRED SWITCH  
BLUE - NEUTRAL  
YELLOW - GREEN ⊕



## Tronic RX Ø58

## MAIN CHARACTERISTICS

## TECHNICAL FEATURES

Motor torque (Nm)	65	85	100	120
Speed (rpm)	17	17	11	11
Power (W)	330	375	360	415
Power supply (V/Hz)	230/50	230/50	230/50	230/50
Radio frequency (MHz)	433,92	433,92	433,92	433,92
Consumption (A)	1,50	1,70	1,60	1,90
Cable 4 x 0,75 (m)	lg. 2,5	lg. 2,5	lg. 2,5	lg. 2,5
Operating time (min)	4	4	4	4
Protection degree	IP44	IP44	IP44	IP44
Receiver storage capacity (No. Remote controls)	15	15	15	15
Weight (kg)	6,0	6,0	6,0	6,0
L1 (mm)	646	646	646	646

## APPLICATION



## TECHNOLOGY



Code	Head	Torque	Speed
CER58061700	Zama	65 Nm	17 rpm
CER58081700	Zama	85 Nm	17 rpm
CER58101100	Zama	100 Nm	11 rpm
CER58121100	Zama	120 Nm	11 rpm

Certifications are available on the cherubini-group.com website

65/17	85/17	100/11	120/11
65	85	100	120
17	17	11	11
330	375	360	415
230/50	230/50	230/50	230/50
433,92	433,92	433,92	433,92
1,50	1,70	1,60	1,90
lg. 2,5	lg. 2,5	lg. 2,5	lg. 2,5
4	4	4	4
IP44	IP44	IP44	IP44
15	15	15	15
6,0	6,0	6,0	6,0
646	646	646	646

## COMPATIBLE SYSTEMS



### Cherubini Remote Controls

One-channel, multi-channel, wall-mounted remote controls.



### METAHome Gateway

Enables control of Wi-Fi and Z-Wave devices and Cherubini CRC RX radio motors via smartphones and voice assistants.

# Wave RX Ø58



the motor for all awning types, and for pergola, roof and guillotine systems

## Electronic limit switch with built-in receiver, wire and radio control

### Attachment without brackets

Thanks to the metallic head, the motor can be fastened directly to the bracket.

### Adjustment of the closing force

The possibility to adjust the applied force ensures the perfect closing of the cassette awnings and avoids the danger of over-stretching the awning fabric.

### Specific functions

- Obstacle detection upwards, sensitivity setting on 3 levels possible.
- Torque control for the stop in closing position of cassette awnings.
- Possibility of memorizing an intermediate position.
- Setting possible with remote control or wired switch.

### Optional connections

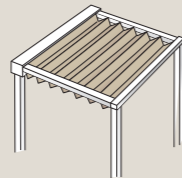
- Wired switch.
- Connection to WindTec climatic controls via radio.



## FUNCTIONS FOR PERGOLAS AND VERANDAS

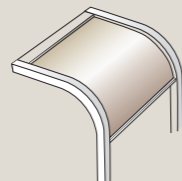
### Pitched pergolas

On pitched pergolas the motor stops automatically when the fabric reaches its point of greatest extension: performing a remote control sequence is sufficient to program the limit switches. From that moment onwards each time the motor reaches the opening limit switch position, it stops so that it keeps the awning fabric taut.



### Pergolas and horizontal awnings

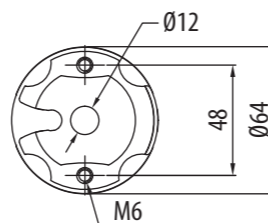
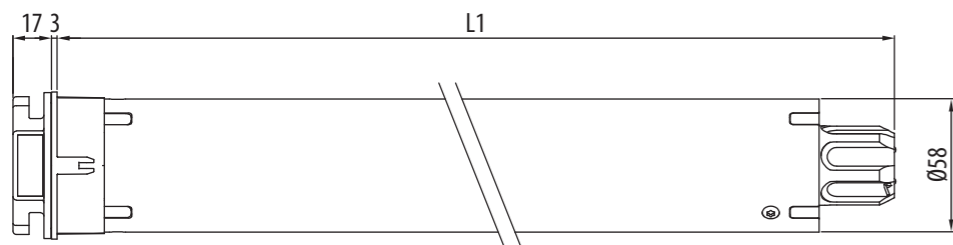
For pergolas and horizontal awnings it is possible to activate the Fabric Tightening function: the motor, after reaching the outer limit, automatically performs a short backwards turn to tighten the fabric.



## MOTOR WITH BUILT-IN RECEIVER



- BROWN - PHASE
- WHITE - WIRED SWITCH
- BLUE - NEUTRAL
- YELLOW - GREEN ⊕



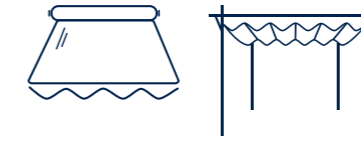
## Wave RX Ø58

## MAIN CHARACTERISTICS

## TECHNICAL FEATURES

Motor torque (Nm)					
Speed (rpm)					
Power (W)					
Power supply (V/Hz)					
Radio frequency (MHz)					
Consumption (A)					
Cable 4 x 0,75 (m)					
Operating time (min)					
Protection degree					
Receiver storage capacity (No. Remote controls)					
Weight (kg)					
L1 (mm)					

## APPLICATION



## TECHNOLOGY



Code	Head	Torque	Speed
CET58061700	Zama	65 Nm	17 rpm
CET58081700	Zama	85 Nm	17 rpm
CET58101100	Zama	100 Nm	11 rpm
CET58121100	Zama	120 Nm	11 rpm
CET58131100	Zama	130 Nm	11 rpm
CET58150300	Zama	150 Nm	4 rpm

Certifications are available on the cherubini-group.com website

65/17	85/17	100/11	120/11	130/11	150/3
65	85	100	120	130	150
17	17	11	11	11	3
330	375	360	415	430	490
230/50	230/50	230/50	230/50	230/50	230/50
433,92	433,92	433,92	433,92	433,92	433,92
1,50	1,70	1,60	1,90	2	2,15
lg. 4,5	lg. 4,5	lg. 4,5	lg. 4,5	lg. 4,5	lg. 4,5
4	4	4	4	4	4
IP44	IP44	IP44	IP44	IP44	IP44
15	15	15	15	15	15
6,0	6,0	6,0	6,0	6,3	8,2
646	646	646	646	701	703

## COMPATIBLE SYSTEMS



### Cherubini Remote Controls

One-channel, multi-channel, wall-mounted remote controls.



### Climatic controls WindTec

Wind-sensor and Wind- & Sun-sensor.



### METARHome Gateway

Enables control of Wi-Fi and Z-Wave devices and Cherubini CRC RX radio motors via smartphones and voice assistants.

# Ora WRX Ø58

motor for cassette awnings with long fabric



## Electronic limit switch with integrated dual-radio Cherubini CRC RX and Wi-Fi

The motor can be controlled by voice assistants (Google Home and Amazon Alexa) and CRC RX radio remote controls, switches, and online applications associated with the gateway.

## Total information return

The motor keeps its status aligned for any type of command received: via cable through push button or switch, via CRC RX radio through remote control, via Wi-Fi network, via voice assistant, tablet or smartphone.

## Efficiency

Thanks to the dual-radio, the motor offers the same advantages and ease of programming as the Cherubini range, plus seamless integration into Wi-Fi home building automation systems.

## Specific functions

- Obstacle detection upwards, sensitivity setting on 3 levels possible.
- Torque control for the stop in closing position of cassette awnings.
- Possibility of memorizing an intermediate position.

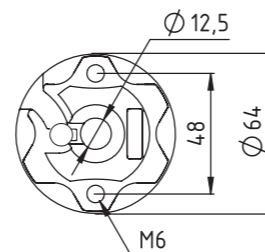
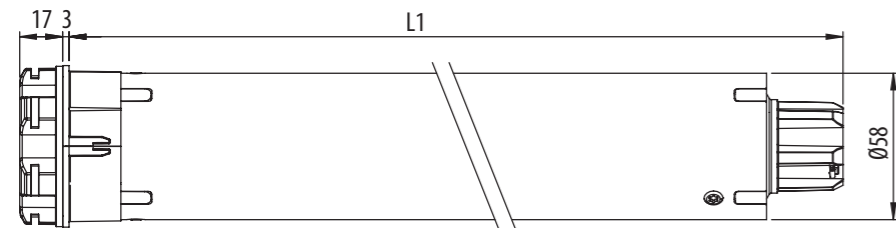
## Optional connections

Wired switch.

## MOTOR WITH BUILT-IN RECEIVER



BROWN - PHASE  
WHITE - WIRED SWITCH  
BLUE - NEUTRAL  
YELLOW - GREEN ⊕



## Ora WRX Ø58

## MAIN CHARACTERISTICS

## TECHNICAL FEATURES

Motor torque (Nm)	65	85	100	120
Speed (rpm)	17	17	11	11
Power (W)	330	375	360	415
Power supply (V/Hz)	230/50	230/50	230/50	230/50
Radio frequency (MHz)	433,92	433,92	433,92	433,92
Consumption (A)	1,50	1,70	1,60	1,90
Cable 4 x 0,75 (m)	lg. 4,5	lg. 4,5	lg. 4,5	lg. 4,5
Operating time (min)	4	4	4	4
Protection degree	IP44	IP44	IP44	IP44
Receiver storage capacity (No. Remote controls)	15	15	15	15
Weight (kg)	6,0	6,0	6,0	6,0
L1 (mm)	646	646	646	646

## APPLICATION



## TECHNOLOGY



Code	Head	Torque	Speed
CWT58061700	Zama	65 Nm	17 rpm
CWT58081700	Zama	85 Nm	17 rpm
CWT58101100	Zama	100 Nm	11 rpm
CWT58121100	Zama	120 Nm	11 rpm

Certifications are available on the cherubini-group.com website

65/17	85/17	100/11	120/11
65	85	100	120
17	17	11	11
330	375	360	415
230/50	230/50	230/50	230/50
433,92	433,92	433,92	433,92
1,50	1,70	1,60	1,90
lg. 4,5	lg. 4,5	lg. 4,5	lg. 4,5
4	4	4	4
IP44	IP44	IP44	IP44
15	15	15	15
6,0	6,0	6,0	6,0
646	646	646	646

## COMPATIBLE SYSTEMS



### Cherubini Remote Controls

One-channel, multi-channel, wall-mounted remote controls.



### Climatic controls WindTec

Wind-sensor and Wind- & Sun-sensor.



### METAHome Gateway

Enables control of Wi-Fi and Z-Wave devices and Cherubini CRC RX radio motors via smartphones and voice assistants.



# HOME AUTOMATION AND REMOTE CONTROLS

**accessories for home automation**  
METAHome

p. 54

## Remote controls

POP  
POP PLUS  
POP LUX  
POP P-LUX  
GIRO WALL

p. 56  
p. 56  
p. 56  
p. 56  
p. 58

**electrical accessories**  
PROGRAMMING CABLES

p. 59

## climatic controls

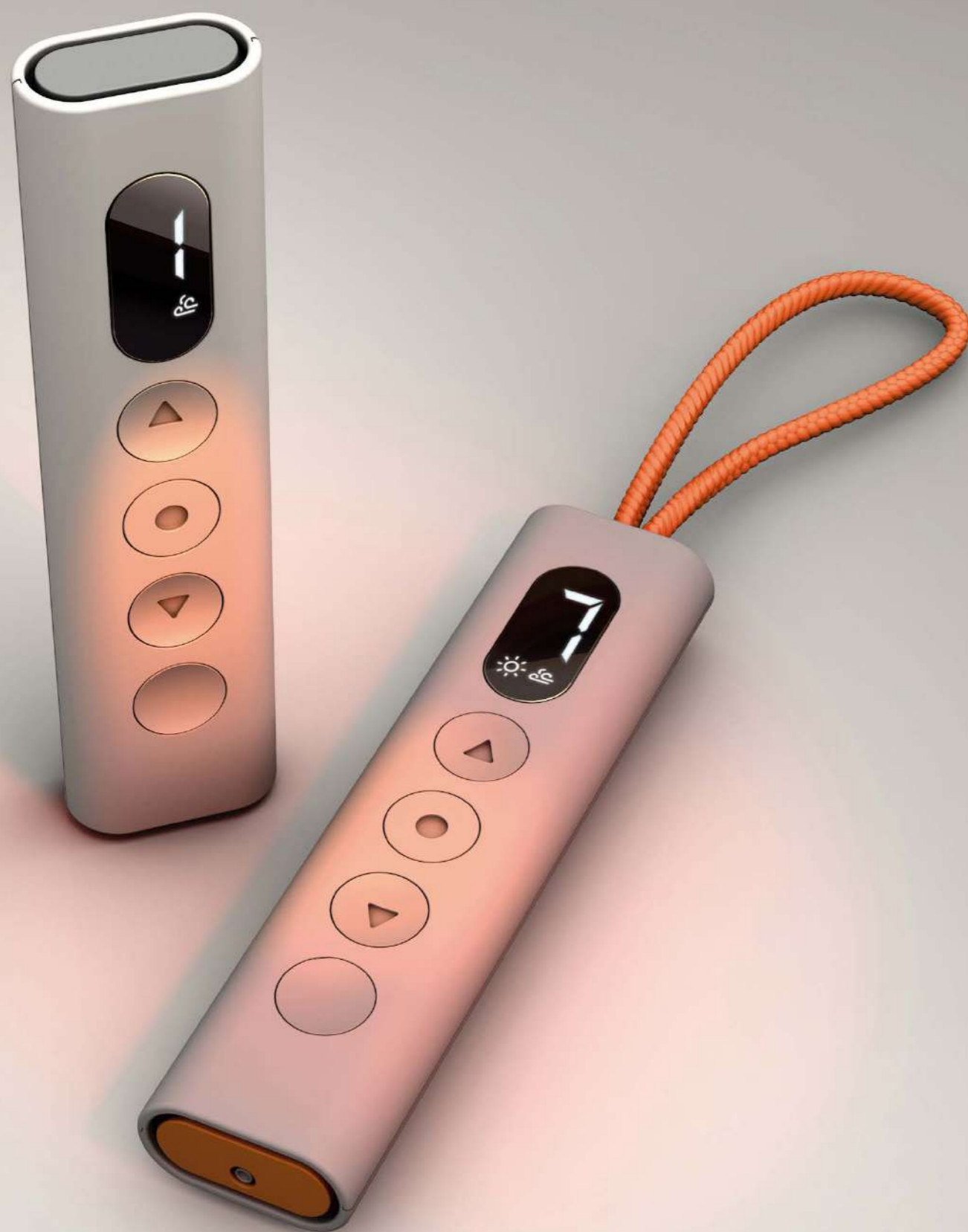
WINDTEC  
WINDTEC LUX  
WINDTEC S-TX  
WINDTEC SC

p. 60  
p. 60  
p. 60  
p. 60

## control units and receivers

MYROLL radio receiver for rolling shutters  
TANDEM Radio receiver for awnings  
TDS COMPACT Radio receiver for awnings

p. 62  
p. 62  
p. 63



# MetaHome

Connection and opening for smart control

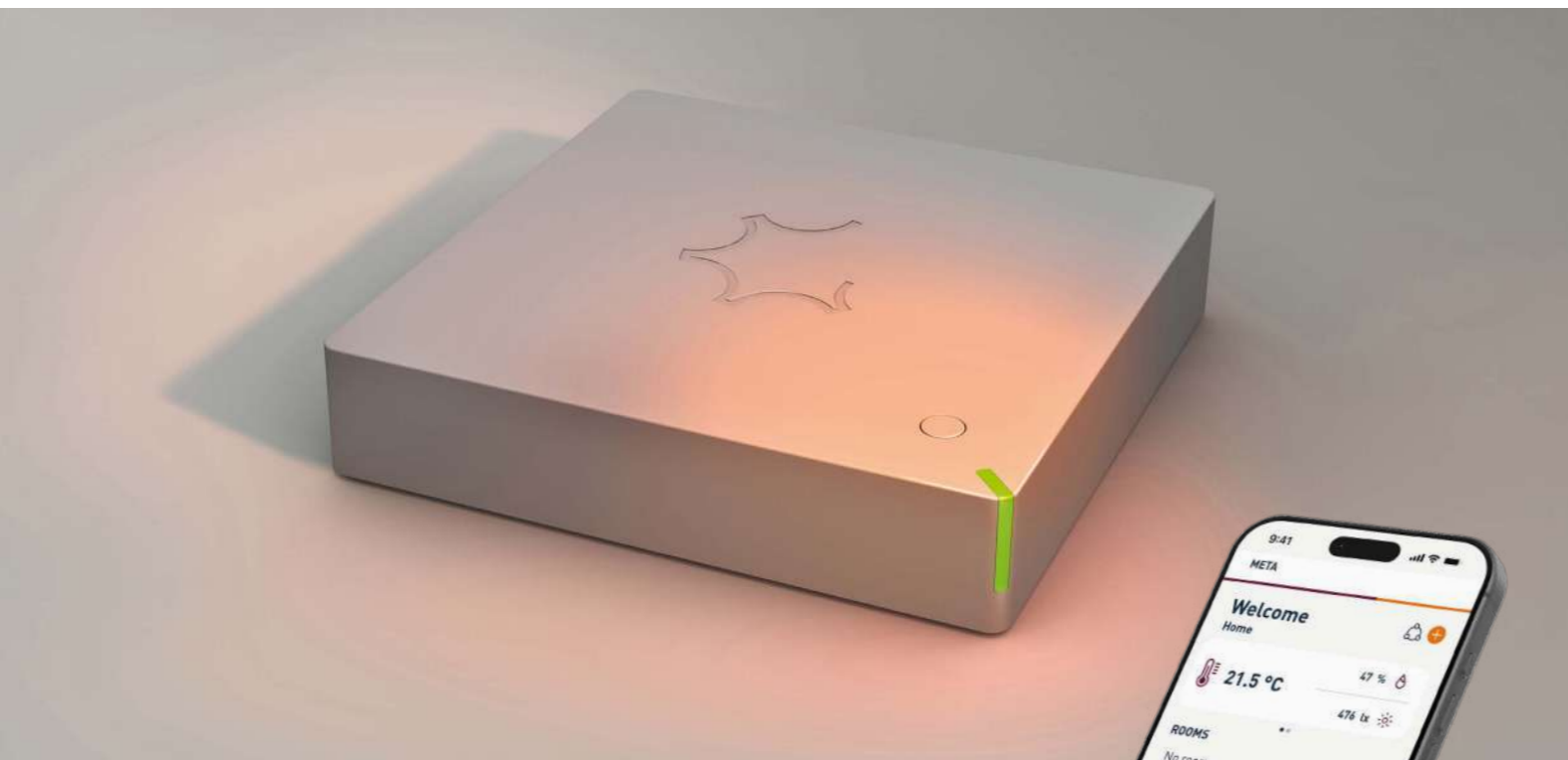


A SET OF SMART HOME FUNCTIONALITIES, CONFIGURABLE AND MODULAR TO SUIT EVERY NEED.

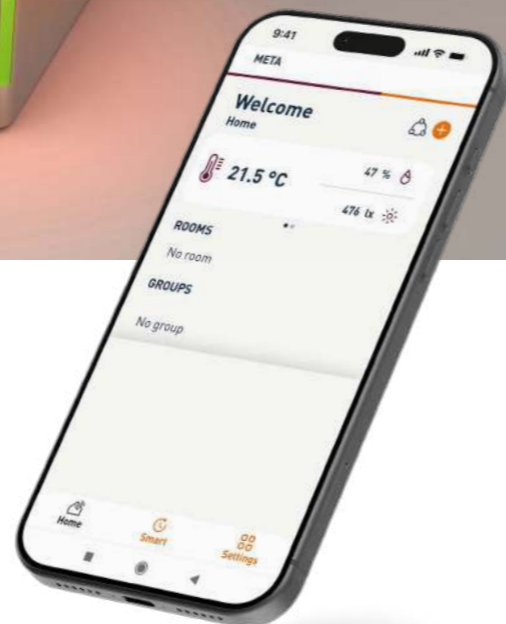
The METAHome gateway allows you to integrate Wi-Fi, Z-Wave and Cherubini Radio CRC RX devices into one system, offering a smart home feature set that is configurable and modular for every need. With METAHome, you can control a wide range of devices, both Cherubini and leading manufacturers. METAHome allows you to optimise the management of a building via an App, setting up scenarios and automation for:

- Rolling shutters
- Cooling
- Awnings and screens
- Lighting
- Smartlock
- Audio and video
- Heating
- Smart devices

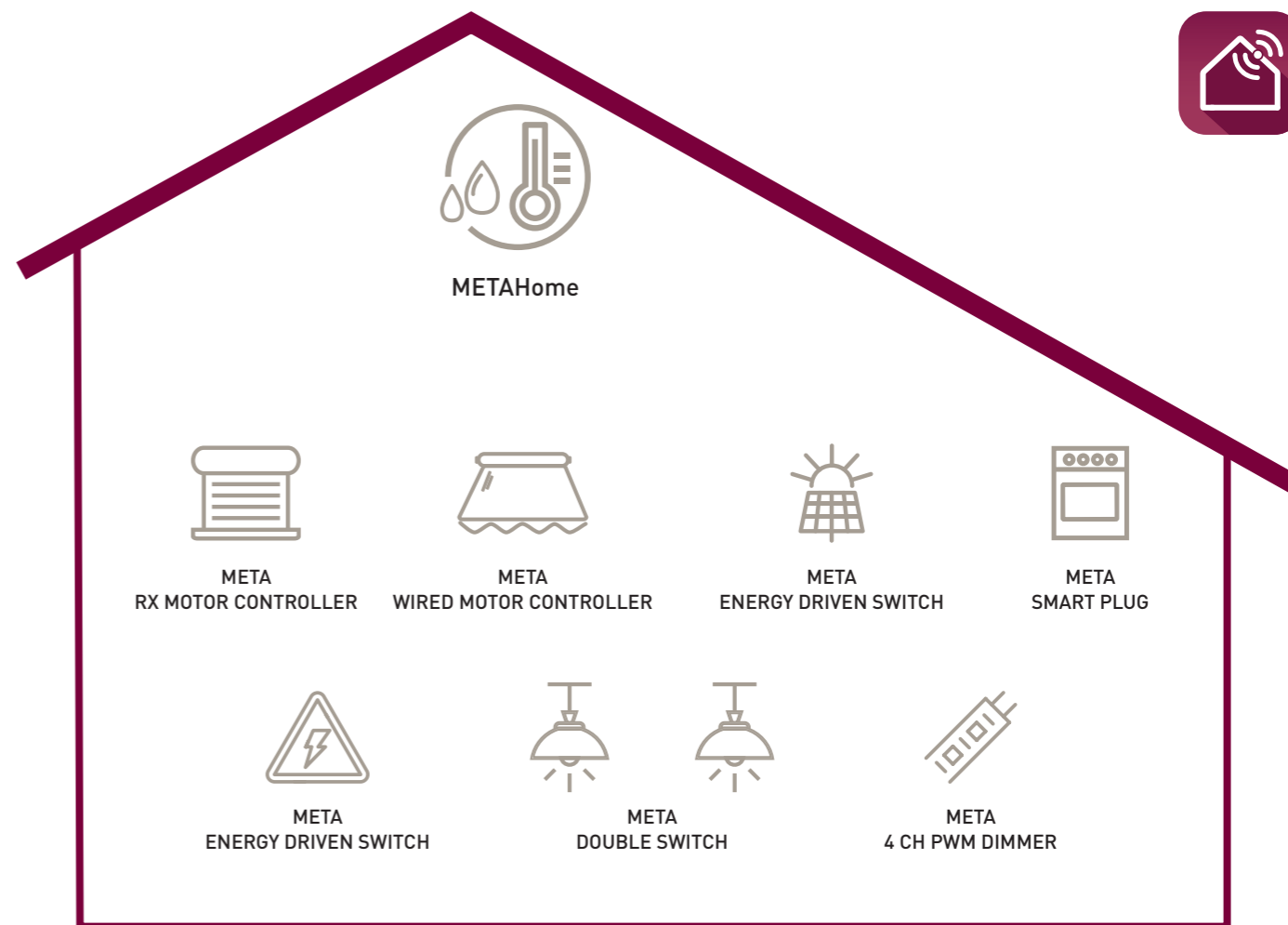
Available for mobile iOS and Android operating systems.



METAHome is compatible with the voice assistants Google Home and Alexa. Through Cherubini modules or those of the main Z-Wave manufacturers, it is possible to manage the functions of a building for optimal Home Building Automation, optimising energy consumption and living comfort.



AR01



## METAHome GATEWAY

Gateway with dedicated App for managing a network of devices, over Cherubini Radio CRC RX protocol, Wi-Fi and Z-Wave, also remotely. Available in two colours: Warm Gray and Blue.



### METAHome Gateway

Code	Colour	Power supply	5 V DC
A510075	Warm Gray	Working temperature	-10 +40 °C
A510077	Blue	Radio protocols	Z-Wave, RF 433,92
		Maximum distance	100 m open 40 m closed
		Dimensions	105x105x23 mm
		Protection degree	IP20

AR01

# Pop

## Pop series remote controls



### Handy, essential and customizable in six colours.

- Coloured closing caps with removable matching cord.
- Wall support with countersunk-head screw.
- Easy-to-read white LED display.
- Long-lasting and easy-to-replace AAA batteries included.



### Programming

- Hide unused channels function available.
- Automatic close of the programming function.



#### Colours:

casing closing cap/cord



### Customization Kit

Made of 5 different colours closing caps and matching cords, the kit allows the end-user to customize and mark the different remote controls of the house.



# Pop



### VERSIONS

Code	Model	Colour
A530126	POP	Grey
A530127	POP	Orange
A530138	POP PLUS	Grey
A530139	POP PLUS	Orange
A530132	POP LUX	Grey
A530133	POP LUX	Orange
A530144	POP P-LUX	Grey
A530145	POP P-LUX	Orange

### CHARACTERISTICS

Power supply	2,4V - 3V dc
Type of battery	2 x LR03 (AAA)
Transmission frequency	433,92 MHz
Modulation	AM/ASK
Decoder system	Rolling code
Operating range in open spaces	100 - 150 m
Operating temperature	-10 °C +50 °C
Dimensions (mm)	132 x 32 x 16
Weight (with batteries)	63 g

### Kit Code

Kit Code	Colours
A4508_0L60	Closing caps and cords

### Display case code

A540012	Case containing two non-transmitting remote controls, wall bracket, caps and interchangeable lanyards.
---------	--

### POP

One-channel remote control for one receiver or one group of receivers.



### POP PLUS

Multi-channel remote control with 7 individual channels and one global channel. Hide unused channels function available.



### POP LUX

One-channel remote control for one receiver or one group of receivers.

The Lux control allows you to enable or disable the solar function in motors and receivers compatible with the WindTec Lux climate controls.



### POP P-LUX

Multi-channel remote control with 7 individual channels and one global channel.

Option to only visualise used channels on display. The Lux control allows you to enable or disable the solar function in motors and receivers compatible with the WindTec Lux climate controls, individually or on the global channel.



# Giro Wall

## Giro series remote controls



### Wall-mounted remote control

- One-channel remote control for one receiver or one group of receivers.
- Shallow and square design that can be inset into the wall.
- It includes a completely removable wall bracket.
- The brackets can be adjusted to correspond with square mounting boxes to cover over any gaps in brickwork.
- Automatic close of the programming function.

#### Colours:



White  
RAL  
9016

Anthracite  
RAL  
7016



### VERSIONS

Code	Model	Colour
A530090L	GIRO WALL	White
A530091L	GIRO WALL	Anthracite

### CHARACTERISTICS

Power supply	2,4V - 3V dc
Type of battery	1 x CR2430
Transmission frequency	433,92 MHz
Modulation	AM/ASK
Decoder system	Rolling Code
Operating range in open spaces	150 m
Operating temperature	-10 °C +50 °C
Dimensions (mm)	78 x 78 x 10
Weight	95 g

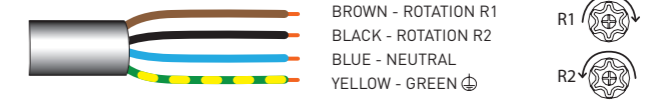
# Universal programming cable

A530066

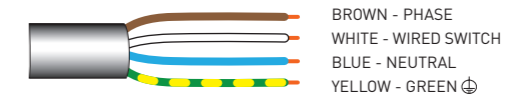


- Convenient and simple system for assembly and adjustment of the motors with mechanical or electronic limit switches.

### standard cabling



### cabling for electronic limit switches



# WindTec

climatic controls

## Ability to control the climate



**Built-in radio receiver** (only WindTec and WindTec Lux)  
No wiring between the motor and the control unit.

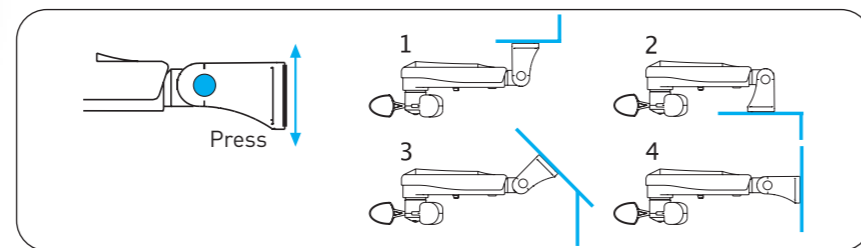
**Wind - & Sun sensor** (only WindTec Lux)  
The awning works automatically and is protected from the wind.

**Compatible with all series**  
The line of climatic control systems is compatible with all our series of motors.

**Reliability and safety**  
The high-performance "Rolling Code" decoder system works with a limited bandwidth and therefore avoids interference.

**Practical**  
Adjustable bracket that can be mounted on a surface at any angle.

### FASTENING METHODS



### VERSIONS

Code	Model	Function	Colour
A520007	WINDTEC	Wind sensor	White
A520025	WINDTEC	Wind sensor	Anthracite
A520008	WINDTEC LUX	Wind and sun sensor	White
A520026	WINDTEC LUX	Wind and sun sensor	Anthracite
A520010	WINDTEC SC	Wind sensor	White
A520027	WINDTEC SC	Wind sensor	Anthracite
A520036	WINDTEC S-TX LUX	Wind and sun sensor, Solar powered	White
A520035	WINDTEC S-TX LUX	Wind and sun sensor, Solar powered	Anthracite

### CHARACTERISTICS

	WINDTEC LUX	WINDTEC S-TX LUX	WINDTEC SC	WINDTEC SC
Power supply (V/Hz)	230/50	Solar powered	230/50	-
Radio frequency (MHz)	433,92	433,92	433,92	-
Wind sensor setting (km/h)	7,5-45	7,5-45	7,5-45	-
Sun sensor setting (klux)	2,5-100	2,5-100	-	-
Dimensions (mm)	300x140x95			
Protection degree	IP34	IP34	IP34	IP34
Weight (g)	365	365	365	300
Operating temperature	-25° C +40°C			

# WindTec

A520007  
A520025



- Wind sensor
- Wireless connection between the motor and the radio receiver.
- Threshold adjustment directly on the device.
- Compatible with Wave RX, Spin RX, Ocean RX, Ora WRX and TDS Compact (A510038) radio receiver.

A520008  
A520026



- Wind & Sun sensor.
- Wireless connection between the motor and the radio receiver.
- Threshold adjustment directly on the device.
- Compatible with Wave RX, Spin RX, Ocean RX, Ora WRX and TDS Compact (A510038) radio receiver.

A520036  
A520035



- Wind & Sun sensor, solar powered.
- Wireless connection between the motor and the radio receiver.
- Threshold adjustment directly on the device.
- Compatible with Wave RX, Spin RX, Ocean RX, Ora WRX and TDS Compact (A510038) radio receiver.

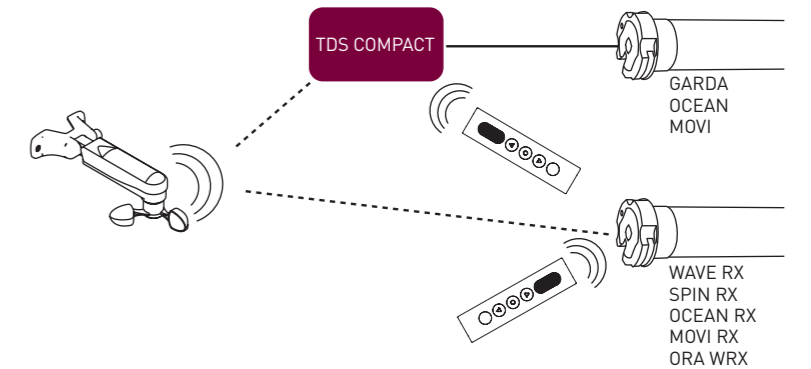
A520010  
A520027



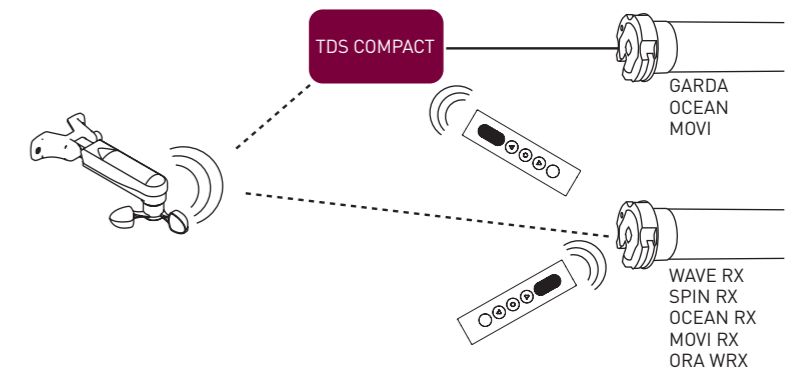
- Wind sensor
- Direct connections through 2 wires.
- Adjustment of the wind alarm threshold from the remote control.
- Compatible with TANDEM radio receiver (A510030).



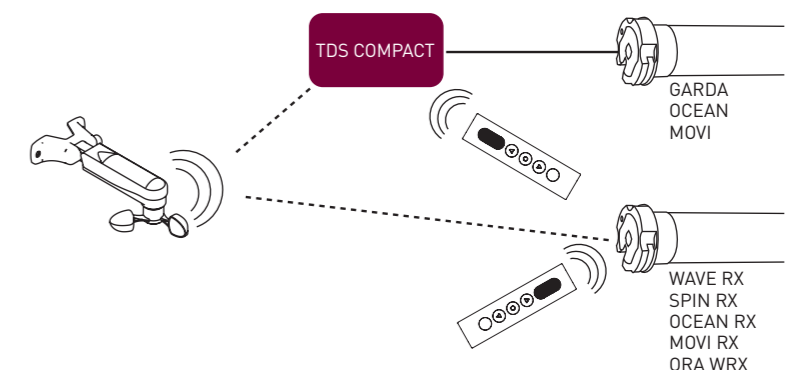
### WINDTEC ANEMOMETER



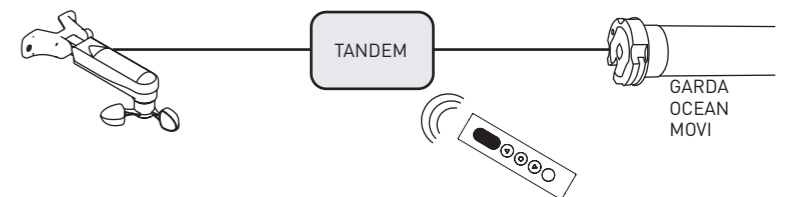
### WINDTEC LUX ANEMOMETER



### WINDTEC S-TX LUX ANEMOMETER



### WINDTEC SC ANEMOMETER



# Radio receivers for awnings and rolling shutters



A510062



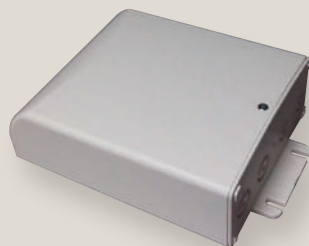
## MYROLL radio receiver for rolling shutters

- 3 level adjustable time-out time.
- Possibility of connecting an up/down button.
- It can be inserted in a built-in socket.
- High-safety coding system "Rolling Code".

### CHARACTERISTICS

Power supply	230 V / 50 Hz
Radio frequency	433,92 MHz
Decoder system	Rolling Code
Modulation	AM/ASK
Storage capacity	15
Max. motor power	500 W
Operating temperature	-10 °C +55 °C
Dimensions	48,5x48,5x22 mm
Weight	30 g

A510030



## TANDEM radio receiver

- Control of two motors for rolling shutters or awnings installed on the same wind-up roller.
- Inputs for up/down buttons.
- Input for anemometer WindTec and WindTec Lux.
- Input for wired anemometer WindTec SC.
- Compatible with Cherubini radio control climate sensors.

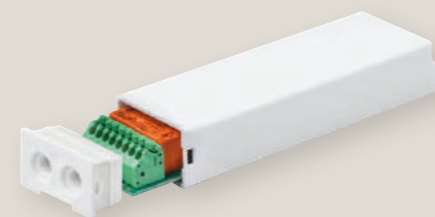
### CHARACTERISTICS

Power supply	230 V / 50 Hz
Max. motor power	2x600 W
Storage capacity	7 remote controls
Radio frequency	433,92 MHz
Operating temperature	-10 °C +55 °C
Dimensions	115x135x50 mm
Protection degree	IP54

# Radio receivers for awnings and rolling shutters



A510038



## TDS COMPACT radio receiver

The new generation radio receiver that gives added performance to wired motors with mechanical or electronic limit switches.

- Obstacle recognition during closing.
- Obstacle detection on both directions, sensitivity setting on 3 levels possible.
- "Super-sensitivity" function on obstacle detection (downwards), set by remote control, setting on 3 levels possible, especially for screens and mosquito blinds.
- First intermediate position programmable from the remote control.
- Second intermediate position programmable from the remote control and controlled by the WindTec Lux light sensor.
- With cassette awnings, it is possible to set the limit switch at the stop.

### Optional connections:

- Possibility to connect a switch type unstable.
- Compatible with the WindTec and WindTec Lux climatic controls.

### CHARACTERISTICS

Power supply	230 V / 50 Hz
Max. motor power	600 W
Storage capacity	15 remote controls
Radio frequency	433,92 MHz
Operating temperature	-10 °C +70 °C
Dimensions	120x35x20 mm
Protection degree	IP55



## ACCESSORIES

adapters	p. 66
brackets	p. 68
accessories for manual operation	p. 70
safety stops	p. 70

## Adapters for motors Ø35

Octagonal	<p>Octagonal 40</p> <p><b>A3505_0501</b> Adapters Octagonal 40 (External tube notch)</p>	<p>Octagonal 40</p> <p><b>A3505_0502</b> Adapters Octagonal 40 (Internal tube notch)</p>
	<p>Round 40</p> <p><b>A3505_0503</b> Adapters Round 40 th. 2 mm</p>	<p>Round 40</p> <p><b>A3505_0506</b> Adapters 40 mm round th. 1 mm</p>

## Adapters for motors Ø45

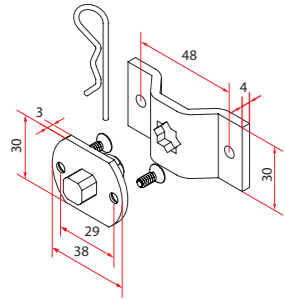
Ogives	<p>Ogive 70</p> <p><b>A4505_0520</b> Adapters Oval 70 Selt and RollerBat 70</p>	<p>Ogive 78</p> <p><b>A4505_0521</b> Adapters Ogive 78 + Flat Ogive 78</p>
	<p>Ogive 80</p> <p><b>A4505_0523</b> Adapters RollerBat 80</p>	<p>Ogive 85</p> <p><b>A4505_0513</b> Adapters Ogive 85</p>
Octagonal	<p>Octagonal 60</p> <p><b>A4505_0510</b> Adapters Octagonal 60 th. 1 mm</p>	<p>Octagonal 70</p> <p><b>A4505_0502</b> Adapters Octagonal 70</p>

## Adapters for motors Ø58

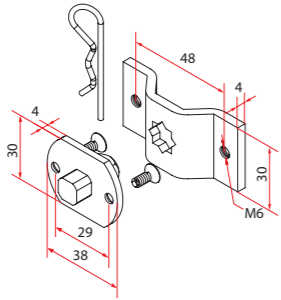
Ogives	<p>Ogive 78</p> <p><b>A5805_0502</b> Adapters Ogive 78</p>	<p>Ogive 85</p> <p><b>A5805_0503</b> Adapters Ogive 85</p>
	<p>Round 70</p> <p><b>A5805_0508</b> Adapters Round 70</p>	<p>Octagonal 70</p> <p><b>A5805_0501</b> Adapters Octagonal 70</p>
Octagonal	<p>Octagonal 102</p> <p><b>A5805_0506</b> Adapters Octagonal Welsler tube 102</p>	

## Brackets for motors Ø35

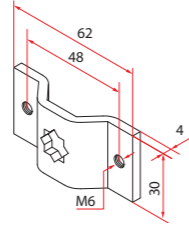
all motor torques



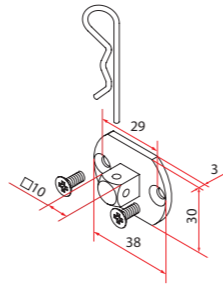
**A3506\_0551**  
10 mm square pin with omega bar, through holes



**A3506\_0552**  
10 mm square pin with omega bar, M6 holes



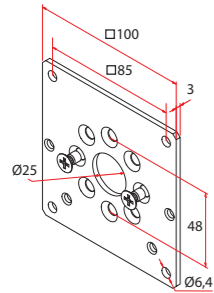
**A4506\_0621**  
Omega bar for 10 mm square, with M6 holes



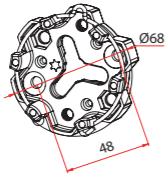
**A3506\_0555**  
Flanged 10 mm square pin

## Brackets for motors Ø45

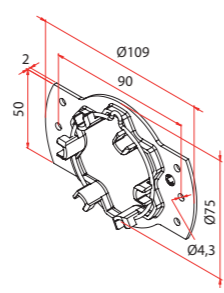
all motor torques



**A4506\_0568 (zama heads only)**  
Plate 100x100

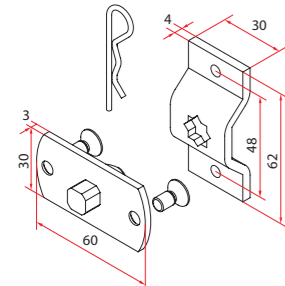


**A4506\_0638**  
Zama bracket with spring

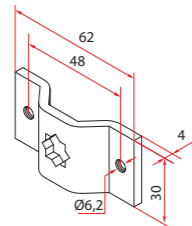


**A4506\_0642**  
Steel support with spring

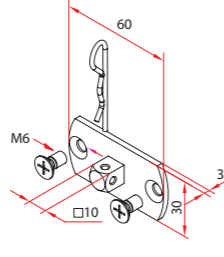
up to 32 Nm



**A4506\_0566 (head in plastic)**  
Flanged 10 mm square pin with omega bar, through holes



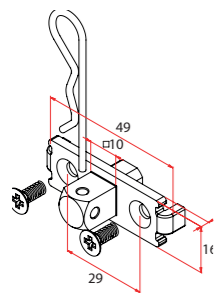
**A4506\_0621**  
Omega bar for 10 mm square, with Ø6,2 holes



**A4506\_0569 (head in plastic)**  
10 mm square pin with M6 screw

## Brackets for motor SPIN RX Ø45

all motor torques

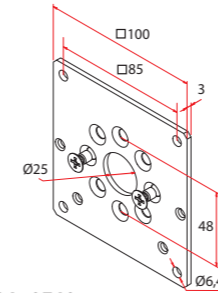


**A4506\_0661**  
Flange with bolt square 10 mm

## Brackets for motors with override Ø45 and Ø58

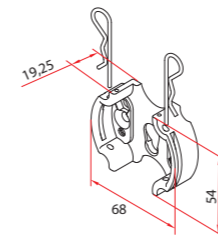
Ocean - Ocean RX

all motor torques

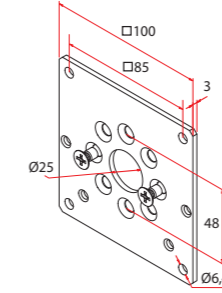


**A4506\_0568**  
Plate 100x100

## Brackets for motors Ø58 - Standard head



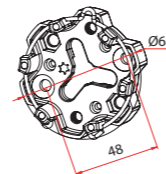
**A4506\_0554**  
Fast coupling bracket with spring split pins



**A4506\_0568**  
Plate 100x100



## Brackets for motors Ø58 - Universal head



**A4506\_0638**  
Zama bracket with spring



# General sales terms

## Accessories

For manually operating motors of the series OCEAN and OCEAN RX

 <p><b>Ref. 9100 180L CH02</b> Operating crank length 180 cm Only for OCEAN series motors</p>	 <p><b>Ref. 7463 150G 2101</b> Foldable crank with hook length 150 cm Only for OCEAN series motors</p>
 <p><b>Ref. 7840 7043 OC16 (Ral 9016)</b> Outlet at 90°, fast coupling with eye Only for OCEAN series motors</p>	 <p><b>Ref. 6010 7008 CH16</b> Eye with hexagon 7 - lg. 86 mm</p>

## Safety stops

 <p><b>A4516_5746</b> Safety stop 2 Meshes</p>	 <p><b>A4516_5747</b> Safety stop 3 Meshes</p>
 <p><b>A4516_5748</b> Safety stop ring Octagonal 60</p>	 <p><b>A4516_5749</b> Safety stop ring Octagonal 70</p>

- 1) **Orders** - All orders will only be accepted according to the following conditions. We will confirm your order in writing by our Order Confirmation. It is the customer's responsibility to check the order confirmation. Any differences in specification or terms shown on the order confirmation must be notified to Cherubini within 5 days of the date of the order confirmation, otherwise the customer has to accept the goods as shown on the order confirmation.
- 2) **Prices** - Our price list shows only indicative prices. If any extraordinary or unexpected circumstances change the conditions stated at the moment of the contract the company has the right to change prices with a prior notice. Any price negotiations, conducted by agents or sub-agents, require the authorisation of Cherubini before these prices can become operable.
- 3) **Delivery** - Goods are shipped at the buyer's risk, even if these parts are being shipped for a free delivery shipment.
- 4) **Payments** - Cherubini retains the ownership of the goods until all payments have been made for them. The payment of the amount of the invoice must be paid within the terms and conditions indicated on the invoice. Failure to make payments in accordance with these terms and conditions may incur the imposition of a 3% penalty interest rate higher than the official discount rate of the moment.
- 5) **Deliveries** - Deliveries will be made in accordance with our normal trading terms and conditions. However, should any unforeseen circumstance arise which precludes a delivery being made, the customer will have no rights to seek compensation of any kind from Cherubini.
- 6) **Claims** - The goods will be considered completely accepted by the customers after 8 days from their receiving. All claims must be in writing and sent to Cherubini by registered letter within eight days of the customer receiving the goods. In case of goods subject to a manufacturing defect, such goods will be replaced ex works as quickly as possible.  
No claims will be allowed for direct or consequential loss arising from damage caused by the operation of our products. All replacement of product will be authorised and carried out only by Cherubini. Any delay in payment by the buyer will nullify all sales agreements.
- 7) **Controversy** - All disputes arising from any matter resulting from the supply of product to a customer will only be settled by the Law Court of Brescia, Italy.

# Warranty

CHERUBINI GUARANTEES ITS MOTORS AND RELATED ACCESSORIES TO BE FREE FROM DEFECTS IN MATERIAL AND WORKMANSHIP UNDER NORMAL AND PROPER USE, AT THE FOLLOWING CONDITIONS:

## PERIOD

Cherubini warrants its tubular motors for a period of five (5) years. The electrical and electronic accessories (including the control systems) have a two (2) year warranty. All warranties start from the date of manufacturing.

## WARRANTY APPLICATION

Cherubini has an obligation under the terms of this warranty to repair or replace any parts found to be defective as quickly as possible. Cherubini shall retain any parts replaced under warranty. The buyer is responsible for all freight costs associated with the repair, or replacement of the parts, without any obligation of assistance on the spot by Cherubini.

## WARRANTY LIMITATIONS

The following will render the warranty null and void:

- If the product has been opened or dismantled, or there are clear signs the product has been subject to abuse or other damage.
- If the buyer has selected a product which is not in accordance with our written product specifications.
- If the buyer or his agent has not followed the written installation and wiring instructions issued by Cherubini.
- If our products are used in a manner for which they were not designed or they are used with accessories which have not previously been approved in writing by the Technical Department of Cherubini.
- If any of the electrical accessories or controls have not been wired or installed in the manner depicted in our installation instructions.

## PRODUCT USE LIMITATIONS

Cherubini has designed the range of products for use in operating awnings, shutters or screens for sun protection, provided they are not in continuous use. These products must be installed according to IEC Standards or any other rule in force at the moment of their installation or planning.



The products and details shown in this catalogue are for information only, and may be changed at any time, without notice.

## Cherubini KEMET

Electromechanical Products LLC

Plot 227 - Industrial Zone, Model B  
6 million, 10th of Ramadan City  
Sharkia Governorate - Egypt



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