



We believe in the power of constant evolution.

We put all our energy into motion, in the pursuit of systems that make life more comfortable and sustainable.

We chose to listen and co-design because we know that the most effective ideas come from working together.

Together with our customers and partners, we contribute to the improvement of living spaces with complete sun protection solutions: efficient, versatile and reliable.

Our Italian roots are an essential part of who we are. We are proud of our history as an industrial family and grateful to the people who make it possible for us to grow as an international group today.

We value this precious heritage of skills and passion in everything we do, constantly pushing us to be better, surpassing ourselves every day. Beyond expectations, beyond results, we always ask for more.

EXPECT **MORE**

LEGEND

TECHNOLOGY



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



Rolling shutters



Pergola



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 preinstallation 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.

CHERUBINI

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

Example:

Ø78

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

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
		1,5 m			32 Nm	40 Nm	80 Nm
878	Z O	2 m			32 Nm	50 Nm	80 Nm
Ø 0/Ø	AWNING PROJECTION	2,5 m	32 Nm	32 Nm	40 Nm	60 Nm	80 Nm
	A NI	3 m	32 Nm	32 Nm	50 Nm	80 Nm	100 Nm*
Ø63	AWN	3,5 m			60 Nm	80 Nm	
		4 m			80 Nm	100 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
	1,5 m			32 Nm	40 Nm	80 Nm
N 0.	2 m			32 Nm	50 Nm	80 Nm
AWNING PROJECTION	2,5 m	32 Nm	32 Nm	40 Nm	60 Nm	80 Nm
ING PI	3 m	32 Nm	32 Nm	50 Nm	80 Nm	100 Nm*
AWN	3,5 m			60 Nm	80 Nm	
	4 m			80 Nm	100 Nm*	

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

ASK YOU CHERUBINI CONTACT FOR AVAILABILITY.

	NUMBER OF ARMS		2	2	2	4	6
	AWNING WIDTH (up to)		3,6 m	4,8 m	6 m	12 m	15 m
		1,5 m	32 Nm	32 Nm	32 Nm	60 Nm	100 Nm
	NO.	2 m	32 Nm	32 Nm	40 Nm	80 Nm	100 Nm
Ø82	AWNING PROJECTION	2,5 m	40 Nm	40 Nm	50 Nm	80 Nm	100 Nm*
Ø	IG SU	3 m	40 Nm	40 Nm	60 Nm	100 Nm*	
	AWN	3,5 m			80 Nm		
		4 m			80 Nm		

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

ASK YOU CHERUBINI CONTACT FOR AVAILABILIT

Tubular motors for rolling shutters



Tubular motors for rolling shutters Which motor moots

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 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 x 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 determinated 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/m²

- Rolling shutter height: 2 m

- Rolling shutter width: 2,5 m

- Wind-up roller: 60 mm

ROLLING SHUTTER SURFACE

 $2 \text{ m} \times 2.5 \text{ m} = 5 \text{ m}^2$

ROLLING SHUTTER WEIGHT

 $3 \text{ kg/m}^2 \times 5 \text{ m}^2 = 15 \text{ kg}$

SERIES Ø45

Ø ROLLER		10 Nm	15 Nm	32 Nm	40 Nm	50 Nm
Ø50/55	Without safety stops	21 kg	33 kg			
Ø50/55 	With safety stops	18 kg	29 kg			
Ø60/65	Without safety stops	19 kg	28 kg	54 kg	68 kg	85 kg
Ø60/63	With safety stops	15 kg	23 kg	47 kg	58 kg	73 kg
ØE0/00	Without safety stops	15 kg	22 kg	47 kg	58 kg	73 kg
Ø70/80 	With safety stops	11 kg	17 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.

SERIES Ø45

PROFILE THICKNESS up to 10 mm

ROLLING SHUTTER MAXIMUM HEIGHT 2500 mm							
Ø ROLLER		10 Nm	15 Nm	32 Nm	40 Nm	50 Nm	
Ø50	Without safety stops	25 kg	40 kg				
	With safety stops	21 kg	35 kg				
Ø/O	Without safety stops	23 kg	33 kg	65 kg	81 kg	102 kg	
Ø60	With safety stops	18 kg	27 kg	56 kg	70 kg	87 kg	
Ø70	Without safety stops	18 kg	26 kg	56 kg	70 kg	87 kg	
	With safety stops	13 kg	20 kg	46 kg	58 kg	71 kg	

ROLLING SHUTTER MAXIMUM HEIGHT 3500 mm							
Ø ROLLER		10 Nm	15 Nm	32 Nm	40 Nm	50 Nm	
Ø50	Without safety stops	21 kg	33 kg				
	With safety stops	18 kg	29 kg				
Ø60	Without safety stops	19 kg	28 kg	54 kg	68 kg	85 kg	
Øou	With safety stops	15 kg	23 kg	47 kg	58 kg	73 kg	
Ø70/00	Without safety stops	15 kg	22 kg	47 kg	58 kg	73 kg	
Ø70/80 	With safety stops	11 kg	17 kg	38 kg	48 kg	59 kg	

Tubular motors for rolling shutters



Tubular motors for rolling shuttersWhich motor meets my requirements?



SELECTION TABLES

SERIES Ø45

PROFILE THICKNESS from 11 to 15 mm

ROLLING SHUTTER MAXIMUM HEIGHT 2500 mm								
Ø ROLLER		10 Nm	15 Nm	32 Nm	40 Nm	50 Nm		
ØFO	Without safety stops	21 kg	32 kg					
Ø50	With safety stops	17 kg	27 kg					
<i>a</i> /0	Without safety stops	18 kg	27 kg	57 kg	71 kg	88 kg		
Ø60	With safety stops	14 kg	23 kg	47 kg	61 kg	75 kg		
Ø70/80	Without safety stops	15 kg	23 kg	48 kg	61 kg	75 kg		
	With safety stops	11 kg	18 kg	38 kg	51 kg	60 kg		

ROLLING SHUTTER MAXIMUM HEIGHT 3500 mm							
Ø ROLLER		10 Nm	15 Nm	32 Nm	40 Nm	50 Nm	
Ø50	Without safety stops	18 kg	27 kg				
Ø50 	With safety stops	14 kg	23 kg				
Ø60	Without safety stops	15 kg	23 kg	48 kg	59 kg	73 kg	
2000	With safety stops	12 kg	19 kg	39 kg	51 kg	63 kg	
Ø70/80	Without safety stops	13 kg	19 kg	40 kg	50 kg	63 kg	
	With safety stops	8 kg	15 kg	32 kg	43 kg	50 kg	

SERIES Ø58

ROLLING SHU	ROLLING SHUTTER MAXIMUM HEIGHT 2500 mm							
Ø ROLLER	60 Nm	80 Nm	100 Nm*					
Ø70 	100 kg	125 kg	145 kg					
Ø90	85 kg	105 kg	125 kg					
Ø102	75 kg	95 kg	115 kg					
Ø133	50 kg	70 kg	80 kg					

ROLLING SHUTTER MAXIMUM HEIGHT 3500 mm							
Ø ROLLER	60 Nm	80 Nm	100 Nm*				
Ø70 	85 kg	104 kg	121 kg				
Ø90	70 kg	88 kg	104 kg				
Ø102	65 kg	79 kg	96 kg				
Ø133	45 kg	58 kg	67 kg				

* PRODUCT UNDER DEVELOPMENT. ASK YOU CHERUBINI CONTACT FOR AVAILABILITY.

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

Example:

- Fabric = 0.5 kg/m^2
- Height = 5 m
- -Width = 4 m
- Bottom rail weight = 4 kg
- Wind-up roller diameter = 78 mm

SURFACE = WIDTH x HEIGHT = 4x5 = 20 m²

SYSTEM WEIGHT = SURFACE x FABRIC WEIGHT = 20 m² x 0,5 kg/m² = 10 kg

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

SERIES Ø45

	10 Nm	15 Nm	32 Nm
Ø ROLLER	17 turns	17/30 turns	17 turns
Ø50	30 kg	45 kg	90 kg
Ø60	24 kg	40 kg	80 kg
Ø70	21 kg	33 kg	67 kg
Ø78	17 kg	27 kg	54 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 Ø45

	10 Nm	15 Nm	32 Nm
Ø ROLLER	17 turns	17/30 turns	17 turns
Ø50	30 kg	45 kg	90 kg
Ø60	24 kg	40 kg	80 kg
Ø70	21 kg	33 kg	67 kg
Ø78	17 kg	27 kg	54 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.

Ocean 045



Ocean Ø45

APPLICATION



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.



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)

Code	Head	Torque	Speed	Certifications
CMS45322000	Zama	32 Nm	20 rpm	c FU °us
CMS45401400	Zama	40 Nm	14 rpm	c FU °us
CMS45501400	Zama	50 Nm	14 rpm	c SU °us

Certifications are available on the cherubini-group.com website

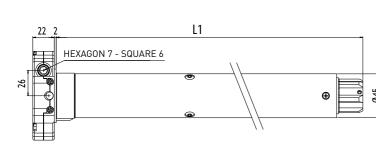
32/20	40/14	50/14	
32 20 32	40	50	
20	14	14	
32	32	32	
250	250	250	
120/60	120/60	120/60	
2,10	2,10	2,10	
lg. 2,5	lg. 2,5	lg. 2,5	
4	4	4	
IP44	IP44	IP44	
4,0	4,0	4,0	
670	670	670	

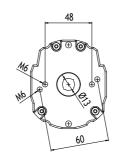
MOTOR WITH WIRE CONTROL **AND OVERRIDE**











ACCESSORIES FOR MANUAL OPERATION

For a complete list see "Accessories for manual operation" on page 48

AQ07





Foldable crank

Ref. 7463 150G 2101

with hook length 150 cm



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

OCEAN Ø45 CHERUBINI

AQ07

OCEAN Ø45 CHERUBINI

Ocean RX **Ø45**



Ocean RX Ø45

CHARACTERISTICS

APPLICATION







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 Mistral wind sensor via radio.

MOTOR WITH BUILT-IN RECEIVER AND OVERRIDE DEVICE



RED - WIRED SWITCH WHITE - NEUTRAL YELLOW - GREEN 🖨



TECHNICAL FEATURES

MAIN

Motor torque (Nm) Speed (rpm) Mechanical limit switch 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)

ACCESSORIES FOR MANUAL **OPERATION**

For a complete list see "Accessories for manual operation" on page 48

COMPATIBLE SYSTEMS

AQ07



Certifications are available on the cherubini-group.com website

32/20	40/14	50/14	
32	40	50	
20	14	14	
32	32	32	
250	250	250	
120/60	120/60	120/60	
433,92	433,92	433,92	
2,10	2,10	2,10	
lg. 2,5	lg. 2,5	lg. 3	
4	4	4	
IP44	IP44	IP44	
15	15	15	
4,2	4,2	4,2	
725	725	725	



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



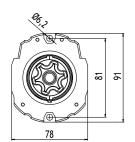
Cherubini Remote Controls

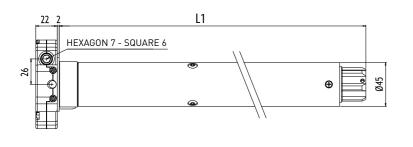
One-channel, multi-channel remote controls.

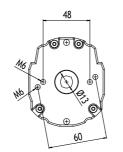


Climatic control Mistral

Wireless vibrating wind sensor.







OCEAN RX Ø45

Wave RX

045

the motor for all awning types

Wave RX 045

MAIN

CHARACTERISTICS





APPLICATION



TECHNOLOGY

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 and 15 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 Mistral wind sensor 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.

Wave RX Ø45 5 rpm: the ideal for tilt slats pergolas



The "slow" version (5 rpm) was designed to automate tilt slats pergolas. The high-resolution electronic control of the revolutions enables fine tuning of the slats' angular position ensuring precise light management. The electronic limit switch managed by the remote control makes the motor extremely flexible and adaptable to every situation.

TECHNICAL FEATURES

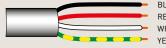
Motor torque (Nm) Speed (rpm) Power (W) Power supply (V/Hz) Radio frequency (MHz) Consumption (A) Cable 4 x 0,75 (m) Operating time (min) Protection degree Receiver storage capacity (No. Remote controls) Weight (kg) L1 (mm)

Code Head **Torque** Speed Certifications c**Al**°us CET45102000 Zama 10 Nm 20 rpm c**FL**°us CET45152000 Zama 15 Nm 20 rpm c**FN**°us CET45322000 20 rpm Zama 32 Nm c**FL**°us CET45401400 Zama 40 Nm 14 rpm CET45501400 c**FU**°us Zama 50 Nm 14 rpm c**FL**°us CET45400500 40 Nm 5 rpm Zama

Certifications are available on the cherubini-group.com website

10/20	15/20	32/20	40/14	50/14	40/5
10	15	32	40	50	40
20	20	20	14	14	5
175	190	250	250	250	135
120/60	120/60	120/60	120/60	120/60	120/60
433,92	433,92	433,92	433,92	433,92	433,92
1,50	1,65	2,10	2,10	2,10	1,20
lg. 3					
4	4	4	4	4	4
IP44	IP44	IP44	IP44	IP44	IP44
15	15	15	15	15	15
3,1	3,1	3,6	3,6	3,6	3,4
503	503	543	543	543	525

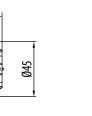
MOTOR WITH BUILT-IN RECEIVER



RED - WIRED SWITCH WHITE - NEUTRAL YELLOW - GREEN 🖨

L1





COMPATIBLE SYSTEMS

AQ07



One-channel, multi-channel remote controls.



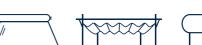
Climatic control Mistral

Wireless vibrating wind sensor.

Wave RX variant 25

045

Wave RX variant 25 Ø45



Head

Zama

Zama

Zama

Zama

Zama

Certifications are available on the cherubini-group.com website

15/20

15

20

190

120/60

433.92

1,65

lg. 3

IP44

15

3.1

503

4

APPLICATION

Code

CET45102025

CET45152025

CET45322025

CET45401425

CET45501425

10/20

10

20

175

120/60

433,92

1,50

lg. 3

IP44

4

15

3.1

503



Torque

10 Nm

15 Nm

32 Nm

40 Nm

50 Nm

32/20

32

20

250

120/60

433.92

2,10

lg. 3

IP44

15

543

4



Speed

20 rpm

20 rpm

20 rpm

14 rpm

14 rpm

40/14

40

14

250

120/60

433.92

2,10

lg. 3

IP44

15

3.6

543

4

Certifications

c**FL**°us

c**SN**°us

c**FN**°us

c**FL**°us

c**SN**°us

50/14

50

14

250

120/60

433.92

2,10

lg. 3

IP44

15

3.6

543

4

TECHNOLOGY

the motor for automatic coupling awnings with LOCK function

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

The variant 25 of Wave RX was created to be adapted with great flexibility to all horizontal or vertical awnings equipped with automatic coupling. Electronic programming of the coupling excursion and stretching force ensure consistent operation over time.

Attachment without brackets

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

Specific functions

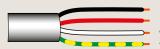
- "Super-sensitivity" function on obstacle detection (downwards), set by remote control, setting on 3 levels possible (only for 15-25 Nm).
- Obstacle detection upwards, sensitivity setting on 3 levels possible.
- Automatic programmable awning coupling and uncoupling system.
- Possibility of memorising the automatic coupling and uncoupling of the awning even in the intermediate position.
- Torque control for the stop in closing position of cassette awnings.
- Setting possible with remote control or wired switch.

Optional connections

Wired switch.

Connection to Mistral wind sensor via radio.

MOTOR WITH BUILT-IN RECEIVER

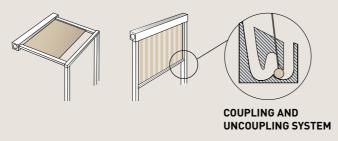


RED - WIRED SWITCH WHITE - NEUTRAL YELLOW - GREEN 🖨

L1



AUTOMATIC COUPLING AWNINGS



L1 (mm)

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)

Cherubini Remote Controls

One-channel, multi-channel remote controls.



Climatic control Mistral

Wireless vibrating wind sensor.



COMPATIBLE SYSTEMS

Tronic RX

Ø45

safety and comfort

Ø45

Tronic RX



APPLICATION

TECHNOLOGY



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

Optional connections

Wired switch.

MOTOR WITH BUILT-IN RECEIVER



RED - WIRED SWITCH WHITE - NEUTRAL YELLOW - GREEN 🖨



MAIN CHARACTERISTICS

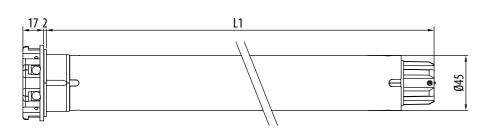
TECHNICAL FEATURES

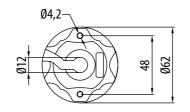
Motor torque (Nm) Speed (rpm) Power (W) Power supply (V/Hz) Radio frequency (MHz) Consumption (A) Cable 4 x 0,75 (m) Operating time (min) Protection degree Receiver storage capacity (No. Remote controls) Weight (kg) L1 (mm)

Code	Head	Torque	Speed	Certifications
CER45102000	Zama	10 Nm	20 rpm	c "AL " us
CER45152000	Zama	15 Nm	20 rpm	c 'FLL 'us
CER45322000	Zama	32 Nm	20 rpm	c 'FLL "us
CER45401400	Zama	40 Nm	14 rpm	c 'All °us
CER45501400	Zama	50 Nm	14 rpm	c FU °us

Certifications are available on the cherubini-group.com website

10/20	15/20	32/20	40/14	50/14
10	15	32	40	50
20	20	20	14	14
175	190	250	250	250
120/60	120/60	120/60	120/60	120/60
433,92	433,92	433,92	433,92	433,92
1,50	1,65	2,10	2,10	2,10
lg. 3				
4	4	4	4	4
IP44	IP44	IP44	IP44	IP44
15	15	15	15	15
3,1	3,1	3,6	3,6	3,6
503	503	543	543	543





COMPATIBLE **SYSTEMS**

AQ07



Cherubini Remote Controls

One-channel, multi-channel remote controls.

Clima Plus RX

Ø45

Clima Plus RX Ø45

APPLICATION





for all types of adjustable shutters - both for drop types and for coupling types

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

Setting possible with remote control or wired switch. Compatible with most home automation systems on the market.

Tilting setting

The 5 programmable tilting options are designed to control all types of shutters with adjustable slats on the market - both drop system and coupling system types.

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.

Optional connections

Wired switch.

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)

Code	Head	Torque	Speed	Certifications
CED45101400	Zama	10 Nm	14 rpm	c 'RL °us
CED45151400	Zama	15 Nm	14 rpm	c FL °us
CED45321400	Zama	32 Nm	14 rpm	c '71 2° us
CED45401400	Zama	40 Nm	14 rpm	c FL °us
CED45501400	Zama	50 Nm	14 rpm	c RL °us

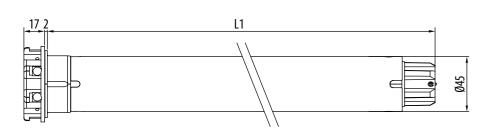
Certifications are available on the cherubini-group.com website

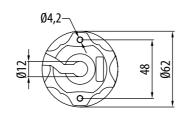
10/14	15/14	32/14	40/14	50/14	
10	15	32	40	50	
14	14	14	14	14	
175	190	250	250	250	
120/60	120/60	120/60	120/60	120/60	
433,92	433,92	433,92	433,92	433,92	
1,50	1,65	2,10	2,10	2,10	
lg. 3					
4	4	4	4	4	
IP44	IP44	IP44	IP44	IP44	
15	15	15	15	15	
3,1	3,1	3,6	3,6	3,6	
503	503	543	543	543	

MOTOR WITH BUILT-IN RECEIVER



WHITE - NEUTRAL YELLOW - GREEN 🖨





COMPATIBLE **SYSTEMS**



Cherubini Remote Controls

One-channel, multi-channel remote controls.

Ocean



Ocean Ø58

MAIN

CHARACTERISTICS

APPLICATION







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



Ø58

85

AQ07

FEATURES

TECHNICAL

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 48

COMPATIBLE **SYSTEMS**

AQ07

for availability.

Code Head Torque Speed Certifications CMS58061400 Zama 60 Nm c**FL**°us 14 rpm c**FL**°us CMS58081400 Zama 80 Nm 14 rpm CMS58101400 100 Nm Zama 14 rpm

Certifications are available on the cherubini-group.com website

^{*} Product under development. Ask your Cherubini contact to check availability.

60/14	80/14
60	80
14	14
29	29
310	380
120/60	120/60
2,60	3,20
lg. 2,5	lg. 2,5
4	4
IP44	IP44
7,0	7,0
703	703

^{*}Possibility of cable with Hirschmann STAS 3.

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

Crank la. 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 + Compact ROLL

- Obstacle detection on both directions, sensitivity setting on 3 levels possible.
- Two intermediate positions that are programmable and usable from the remote control



HEXAGON 7 - SQUARE 6

RED - ROTATION R1

BLACK - ROTATION R2 WHITE - NEUTRAL YELLOW - GREEN 🖨



L1

Wave RX

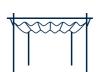
Ø58

the motor for all awning types



Wave RX Ø58

APPLICATION







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 Mistral wind sensor via radio.

MOTOR WITH BUILT-IN RECEIVER

RED - WIRED SWITCH

WHITE - NEUTRAL YELLOW - GREEN 🖨



FUNCTIONS FOR PERGOLAS AND VERANDAS



Pitched pergolas

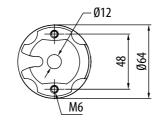
On pitched pergolas the motor stops automatically when the fabric reaches its point of greatest extension: performing a remote control sequence is sufficient to program the limit switches. From that moment onwards each time the motor reaches the opening limit switch position, it stops so that it keeps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

L1



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)

Code	Head	Torque	Speed	Certifications
CET58061400	Zama	60 Nm	14 rpm	c PL °us
CET58081400	Zama	80 Nm	14 rpm	c '91 2°us
CET58101400	Zama	100 Nm	14 rpm	UNDER DEVELOPMENT*

Certifications are available on the cherubini-group.com website

^{*} Product under development. Ask your Cherubini contact to check availability.

60/14	80/14
60	80
14	14
310	380
120/60	120/60
433,92	433,92
2,60	3,20
lg. 3	lg. 3
4	4
IP44	IP44
15	15
6,0	6,0
700	700

COMPATIBLE SYSTEMS

AQ07



Cherubini Remote Controls

One-channel, multi-channel remote controls.



Climatic control Mistral

Wireless vibrating wind sensor.

Wave RX variant 25

Ø58

Wave RX variant 25 **Ø58**

APPLICATION





the motor for automatic coupling awnings with LOCK function

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

The variant 25 of Wave RX was created to be adapted with great flexibility to all horizontal or vertical awnings equipped with automatic coupling. Electronic programming of the coupling excursion and stretching force ensure consistent operation over time.

Attachment without brackets

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

Specific functions

- Automatic programmable awning coupling and uncoupling system.
- Possibility of memorising the automatic coupling and uncoupling of the awning even in the intermediate position.
- Obstacle detection upwards, sensitivity setting on 3 levels possible.
- Torque control for the stop in closing position of cassette awnings.
- Setting possible with remote control or wired switch.

WHITE - NEUTRAL

YELLOW - GREEN 🖨

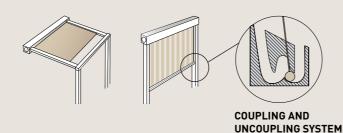
Optional connections

Wired switch.

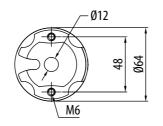
Connection to Mistral wind sensor via radio.

MOTOR WITH BUILT-IN RECEIVER

AUTOMATIC COUPLING AWNINGS



L1



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)

Code	Head	Torque	Speed	Certifications
CET58061425	Zama	60 Nm	14 rpm	c PU °us
CET58081425	Zama	80 Nm	14 rpm	c '911 °us
CET58101425	Zama	100 Nm	14 rpm	UNDER DEVELOPMENT*

Certifications are available on the cherubini-group.com website

^{*} Product under development. Ask your Cherubini contact to check availability.

60/14	80/14	
60	80	
14	14	
310	380	
120/60	120/60	
433,92	433,92	
2,60	3,20	
lg. 3	lg. 3	
4	4	
IP44	IP44	
15	15	
6,0	6,0	
700	700	

COMPATIBLE SYSTEMS

AQ07



Cherubini Remote Controls

One-channel, multi-channel remote controls.



Climatic control Mistral

Wireless vibrating wind sensor.

Tronic RX

Ø58

safety and comfort

Tronic RX Ø58

CHARACTERISTICS

APPLICATION

TECHNOLOGY



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
- 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.

TECHNICAL FEATURES

MAIN

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)

Code	Head	Torque	Speed	Certifications
CER58061400	Zama	60 Nm	14 rpm	c FL °us
CER58081400	Zama	80 Nm	14 rpm	c 'Al °us
CER58101400	Zama	100 Nm	14 rpm	UNDER DEVELOPMENT*

Certifications are available on the cherubini-group.com website

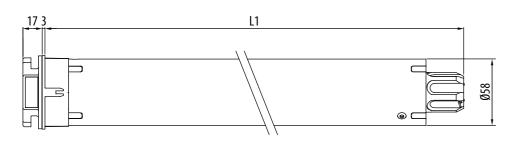
^{*} Product under development. Ask your Cherubini contact to check availability.

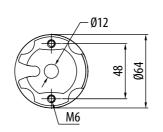
60/14	80/14	
60	80	
14	14	
310	380	
120/60	120/60	
433,92	433,92	
2,60	3,20	
lg. 3	lg. 3	
4	4	
IP44	IP44	
15	15	
6,0	6,0	
700	700	

MOTOR WITH BUILT-IN RECEIVER



RED - WIRED SWITCH WHITE - NEUTRAL YELLOW - GREEN 🖨





COMPATIBLE SYSTEMS

AQ07



Cherubini Remote Controls

One-channel, multi-channel remote controls.

Clima Plus RX

Ø58

Clima Plus RX **Ø58**

APPLICATION





TECHNOLOGY

for all types of adjustable shutters - both for drop types and for coupling types

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

Setting possible with remote control or wired switch. Compatible with most home automation systems on the market.

Tilting setting

The 5 programmable tilting options are designed to control all types of shutters with adjustable slats on the market - both drop system and coupling system types.

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.

Optional connections

Wired switch.



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)

Code	Head	Torque	Speed	Certifications
CED58061400	Zama	60 Nm	14 rpm	c '911 °us
CED58081400	Zama	80 Nm	14 rpm	c 91 0°us
CED58101400	Zama	100 Nm	14 rpm	UNDER DEVELOPMENT*

Certifications are available on the cherubini-group.com website

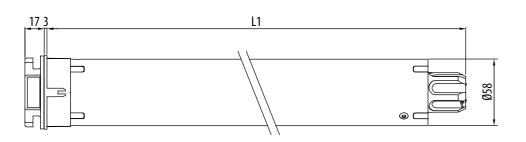
^{*} Product under development. Ask your Cherubini contact to check availability.

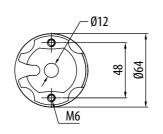
60/14	80/14
60	80
14	14
310	380
120/60	120/60
433,92	433,92
2,60	3,20
lg. 3	lg. 3
4	4
IP44	IP44
15	15
6,0	6,0
700	700

MOTOR WITH BUILT-IN RECEIVER



WHITE - NEUTRAL YELLOW - GREEN 🖨





COMPATIBLE **SYSTEMS**



Cherubini Remote Controls

One-channel, multi-channel remote controls.

Pop

Pop series remote controls



Pop



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.



VERSIONS

Code	Model	Colour
A530167	POP	
A530168	POP	
A530171	POP PLUS	
A530172	POP PLUS	
A530169	POP LUX	
A530170	POP LUX	
A530173	POP P-LUX	
A530174	POP P-LUX	



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		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.



POP SERIES REMOTE CONTROLS CHERUBINI

Mistral

Vibration wind sensor



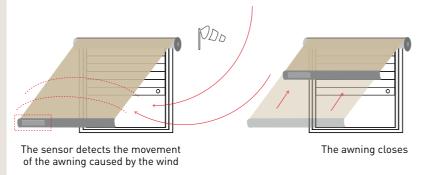


The vibration wind sensor protects the awning by detecting its movement caused by the wind.

Compatible with the Wave RX, Wave RX variant 25, Ocean RX motor series and with external radio receivers for awnings.

Wireless: no wiring between the motor and the sensor. To be installed on the awning's terminal load bar. Small size 140x38x26 mm

OPERATIONAL DIAGRAM



VERSIONS

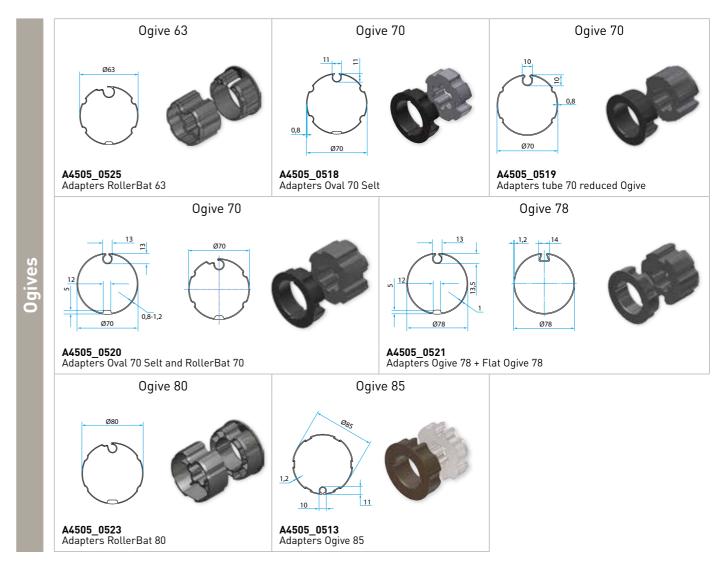
Code	Model	Color	Function
A520028	MISTRAL	White	Wind sensor
A520029	MISTRAL	Black	Wind sensor



CHARACTERISTICS

Power supply	2,4 V-3V DC
Type of battery	2xLR03 (AAA)
Transmission frequency	433,92 MHz
Modulation	AM/ASK
Decoder system	Rolling Code
Irradiated RF power (ERP)	2 mW
Operating temperature	-10 °C +50 °C
Dimensions (mm)	140 x 38 x 26 mm
Weight (g)	100
Protection degree	IP44

Adapters for motors Ø45

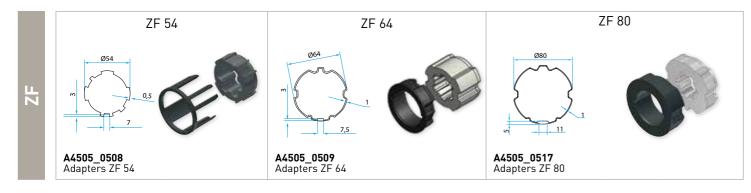


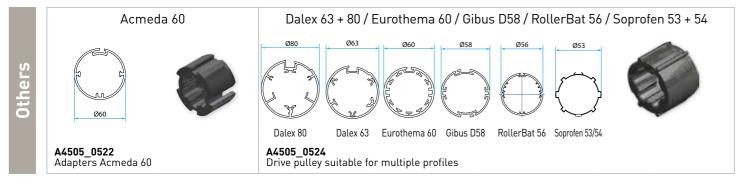


Adapters for motors Ø45









Adapters for motors Ø58





A5805_0515

Adapters RollerBat 80

A5805_0505

Adapters Deprat 89

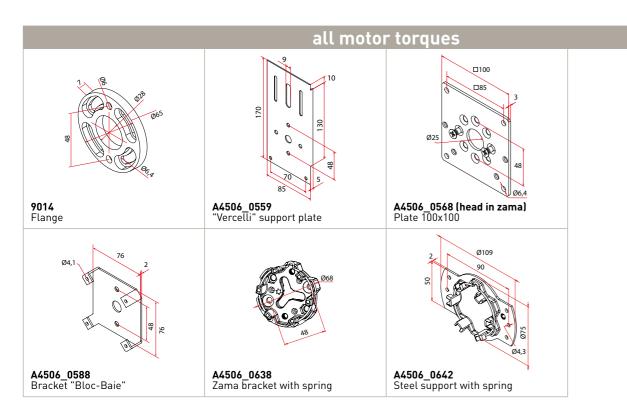
AQ07

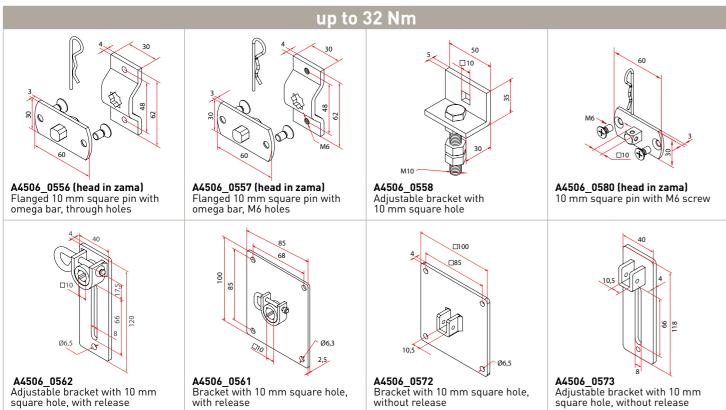
AQ07

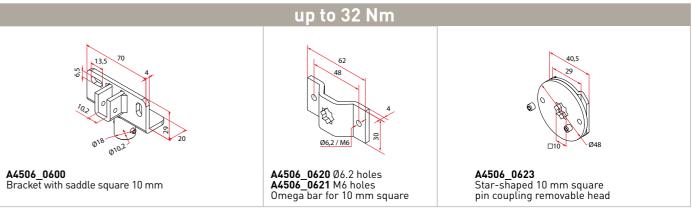
A5805 0504

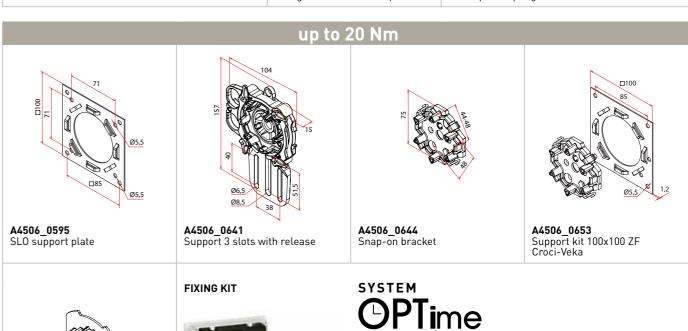
Brackets for motors Ø45

Brackets for motors Ø45

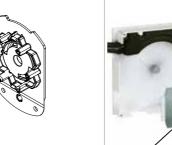






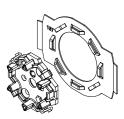


Bracket in plastic



Plate

A4506_0656 Profine system sidewall support Fastening without screws: Compatible on all kind of side caps. Possibility of adjustment on all positions.

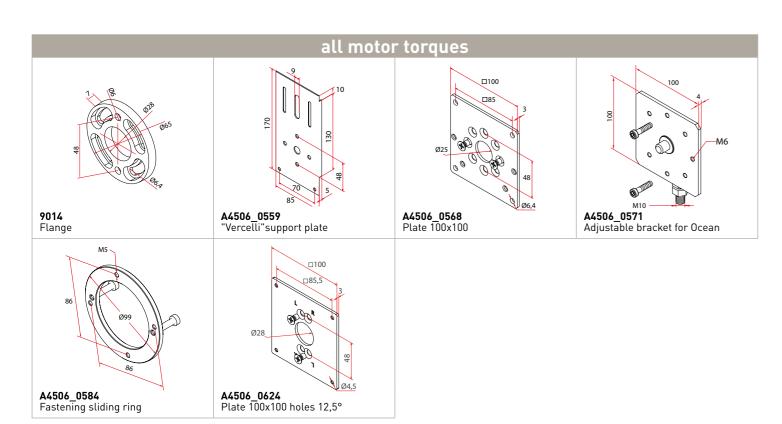


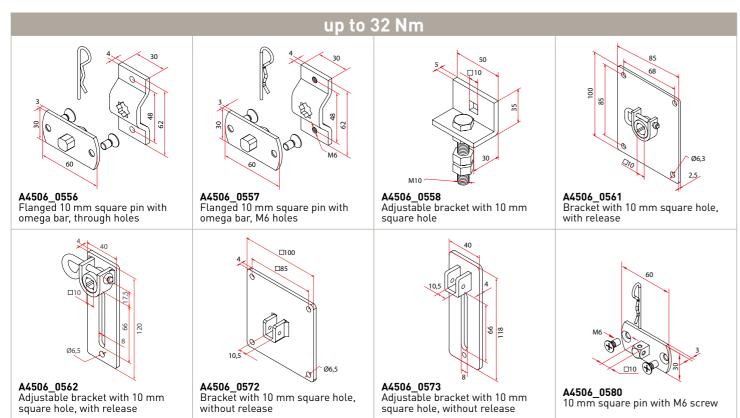
Code	Description	Code	Description
A4506_0645	OPTime fastening kit 130	A4506_0649	OPTime fastening kit 165
A4506_0646	OPTime fastening kit 137	A4506_0650	OPTime fastening kit 170
A4506_0647	OPTime fastening kit 140	A4506_0651	OPTime fastening kit 180
A4506_0648	OPTime fastening kit 150	A4506_0652	OPTime fastening kit 205

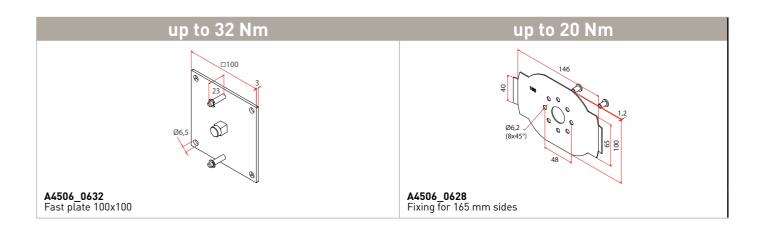
AQ07

Brackets for motors with override Ø45

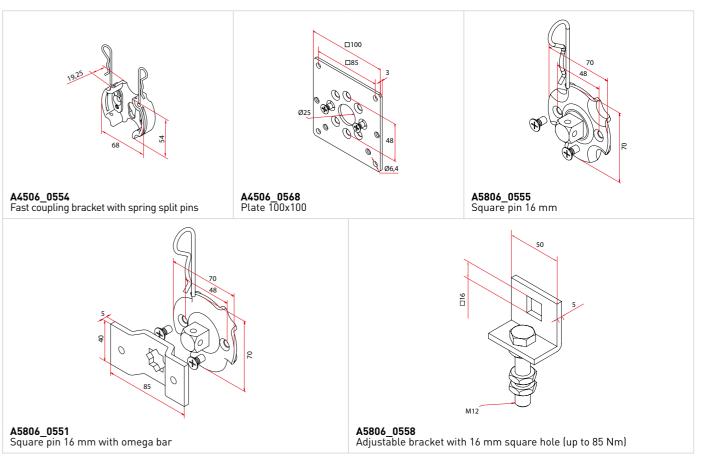
Ocean RX







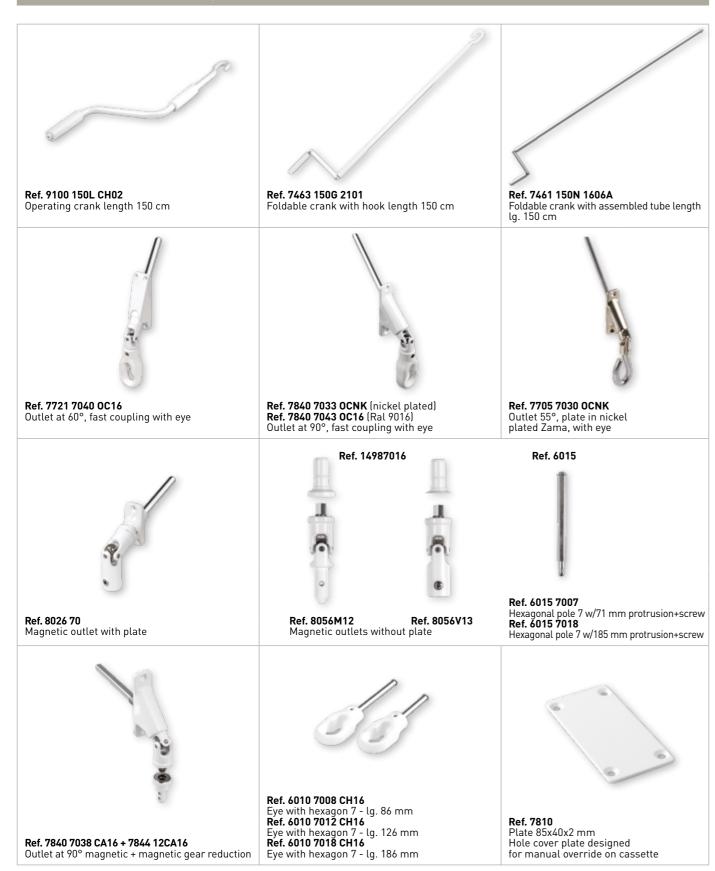
Brackets for motors Ø58





Accessories

For manually operating motors of the series OCEAN, OCEAN RX



General sales terms

- 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.

50 WARRANTY

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