Electronic drive systems

PRODUCT BOOK 75.1

CHERUBINI

CHERUBINI

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

Adjustable shutters

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.

CHERUBINI

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motors Ø 45

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motors Ø 58

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Ocean
Ø45

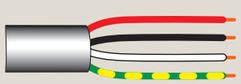
Mechanical limit switch
Reliable and easy adjustment of the limit switches.
Double access to the adjusting screws.

Compact override
Thanks to its small size, this device can be installed in limited spaces.
The reduction ratio is **1:24**.

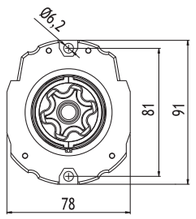
Attachment without brackets
Thanks to the metallic head, the motor can be fastened directly to the bracket without needing additional supports.

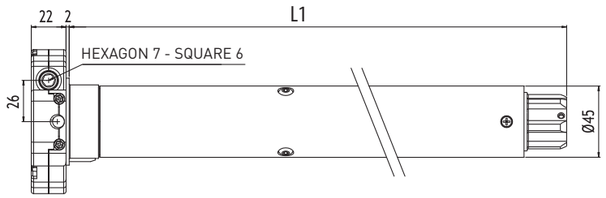
Strength and safety
The star-shaped metallic reducer pin makes the motor highly reliable.

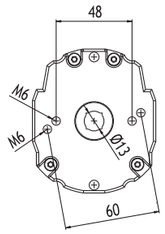
MOTOR WITH WIRE CONTROL AND OVERRIDE



RED - ROTATION R1
BLACK - ROTATION R2
WHITE - NEUTRAL
YELLOW - GREEN ⏚







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MAIN CHARACTERISTICS

TECHNICAL FEATURES

	32/20	40/14	50/14
Motor torque (Nm)	32	40	50
Speed (rpm)	20	14	14
Mechanical limit switch	32	32	32
Power (W)	250	250	250
Power supply (V/Hz)	120/60	120/60	120/60
Consumption (A)	2,10	2,10	2,10
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
Weight (kg)	4,0	4,0	4,0
L1 (mm)	670	670	670

ACCESSORIES FOR MANUAL OPERATION

For a complete list see "Accessories for manual operation" on page 40

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APPLICATION

Code	Head	Torque	Speed	Certifications
CMS45322000	Zama	32 Nm	20 rpm	cULus
CMS45401400	Zama	40 Nm	14 rpm	cULus
CMS45501400	Zama	50 Nm	14 rpm	cULus

Certifications are available on the cherubini-group.com website

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

Ocean RX
Ø45

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.

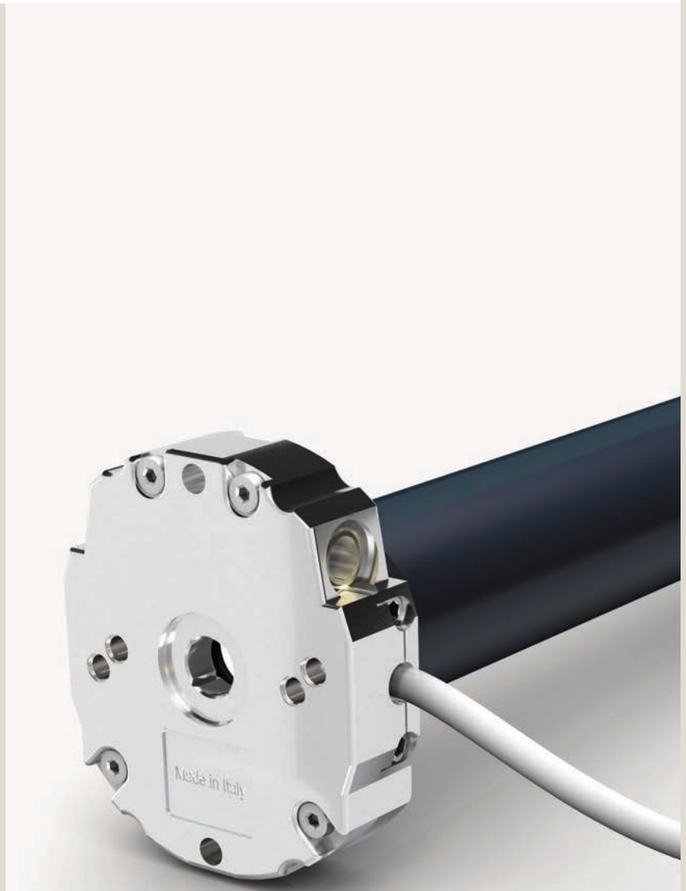
Specific functions

- 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.

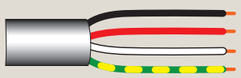
Optional connections

Wired switch.

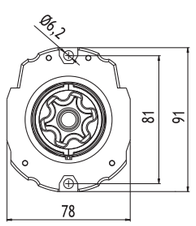
Connection to Mistral wind sensor via radio.

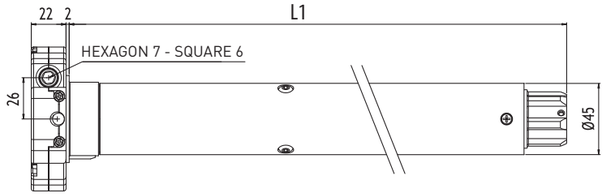


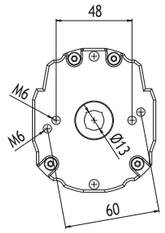
MOTOR WITH BUILT-IN RECEIVER AND OVERRIDE DEVICE



BLACK - PHASE
RED - WIRED SWITCH
WHITE - NEUTRAL
YELLOW - GREEN ⏚







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MAIN CHARACTERISTICS

TECHNICAL FEATURES

	32/20	40/14	50/14
Motor torque (Nm)	32	40	50
Speed (rpm)	20	14	14
Mechanical limit switch	32	32	32
Power (W)	250	250	250
Power supply (V/Hz)	120/60	120/60	120/60
Radio frequency (MHz)	433,92	433,92	433,92
Consumption (A)	2,10	2,10	2,10
Cable* 4 x 0,75 (m)	lg. 2,5	lg. 2,5	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 40

COMPATIBLE SYSTEMS

APPLICATION

TECHNOLOGY

CRC RX

Code	Head	Torque	Speed	Certifications
CMX45322000	Zama	32 Nm	20 rpm	cULus
CMX45401400	Zama	40 Nm	14 rpm	cULus
CMX45501400	Zama	50 Nm	14 rpm	cULus

Certifications are available on the cherubini-group.com website

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.

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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

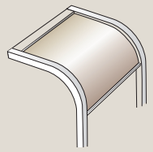
Wired switch.

Connection to Mistral wind sensor via radio.

FUNCTIONS FOR PERGOLAS AND VERANDAS

Pitched pergolas

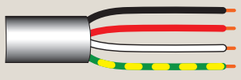
On pitched pergolas the motor stops automatically when the fabric reaches its point of greatest extension: performing a remote control sequence is sufficient to program the limit switches. From that moment onwards each time the motor reaches the opening limit switch position, it stops so that it keeps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

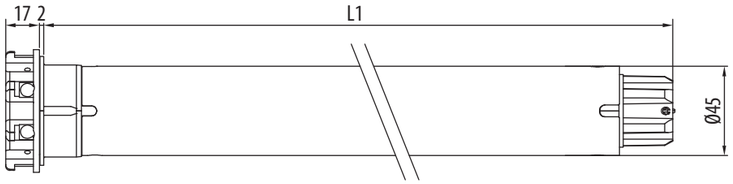


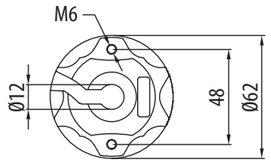
Pergolas and horizontal awnings

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.

MOTOR WITH BUILT-IN RECEIVER







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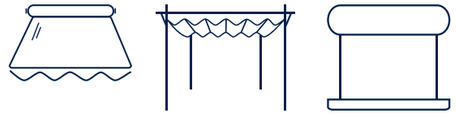
MAIN CHARACTERISTICS

APPLICATION



TECHNOLOGY

CRC RX

Code	Head	Torque	Speed	Certifications
CET45102000	Zama	10 Nm	20 rpm	cULus
CET45152000	Zama	15 Nm	20 rpm	cULus
CET45322000	Zama	32 Nm	20 rpm	cULus
CET45401400	Zama	40 Nm	14 rpm	cULus
CET45501400	Zama	50 Nm	14 rpm	cULus

Certifications are available on the cherubini-group.com website
* Certification process in progress. Ask your Cherubini contact to check availability.

TECHNICAL FEATURES

	10/20	15/20	32/20	40/14	50/14
Motor torque (Nm)	10	15	32	40	50
Speed (rpm)	20	20	20	14	14
Power (W)	175	190	250	250	250
Power supply (V/Hz)	120/60	120/60	120/60	120/60	120/60
Radio frequency (MHz)	433,92	433,92	433,92	433,92	433,92
Consumption (A)	1,50	1,65	2,10	2,10	2,10
Cable 4 x 0,75 (m)	lg. 3	lg. 3	lg. 3	lg. 3	lg. 3
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	3,1	3,6	3,6	3,6
L1 (mm)	503	503	543	543	543

COMPATIBLE SYSTEMS

Cherubini Remote Controls

One-channel, multi-channel remote controls.

Climatic control Mistral

Wireless vibrating wind sensor.

Wave RX *variant 25*
Ø45

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

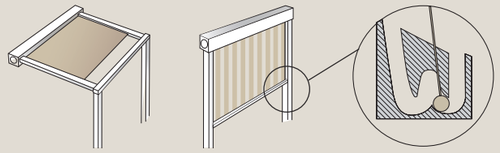
- "Super-sensitivity" function on obstacle detection (downwards), set by remote control, setting on 3 levels possible (only for 15-25 Nm).
- Obstacle detection upwards, sensitivity setting on 3 levels possible.
- Automatic programmable awning coupling and uncoupling system.
- Possibility of memorising the automatic coupling and uncoupling ofthe 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.

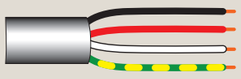
Connection to Mistral wind sensor via radio.

AUTOMATIC COUPLING AWNINGS

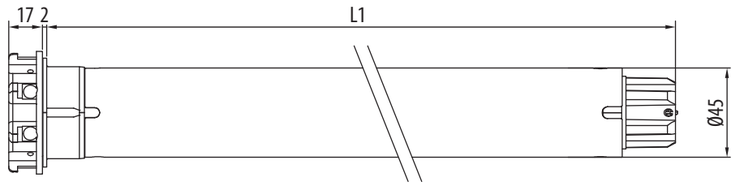


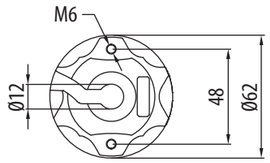
COUPLING AND UNCOUPLING SYSTEM

MOTOR WITH BUILT-IN RECEIVER



BLACK - PHASE
RED - WIRED SWITCH
WHITE - NEUTRAL
YELLOW - GREEN ⏚





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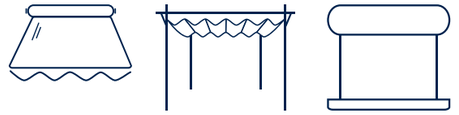
APPLICATION



TECHNOLOGY

MAIN CHARACTERISTICS

Code	Head	Torque	Speed	Certifications
CET45102025	Zama	10 Nm	20 rpm	cULus
CET45152025	Zama	15 Nm	20 rpm	cULus
CET45322025	Zama	32 Nm	20 rpm	cULus
CET45401425	Zama	40 Nm	14 rpm	cULus
CET45501425	Zama	50 Nm	14 rpm	cULus

Certifications are available on the cherubini-group.com website
* Certification process in progress. Ask your Cherubini contact to check availability.

TECHNICAL FEATURES

	10/20	15/20	32/20	40/14	50/14
Motor torque (Nm)	10	15	32	40	50
Speed (rpm)	20	20	20	14	14
Power (W)	175	190	250	250	250
Power supply (V/Hz)	120/60	120/60	120/60	120/60	120/60
Radio frequency (MHz)	433,92	433,92	433,92	433,92	433,92
Consumption (A)	1,50	1,65	2,10	2,10	2,10
Cable 4 x 0,75 (m)	lg. 3	lg. 3	lg. 3	lg. 3	lg. 3
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	3,1	3,6	3,6	3,6
L1 (mm)	503	503	543	543	543

COMPATIBLE SYSTEMS

Cherubini Remote Controls

One-channel, multi-channel remote controls.

Climatic control Mistral

Wireless vibrating wind sensor.

Tronic RX
Ø45
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.

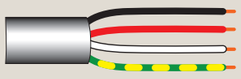
Specific functions

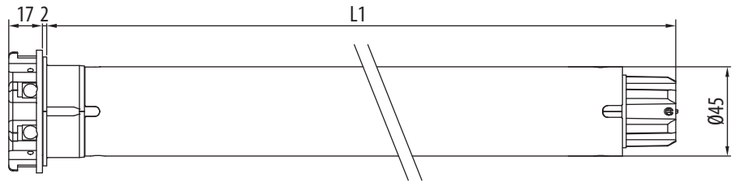
- Manual and semi-automatic adjustment of the limit switches.
- Setting possible with remote control or wired switch.
- Protection against freezing and obstacle detection on both directions, sensitivity setting on 3 levels possible.
- Possibility of memorizing an intermediate position.

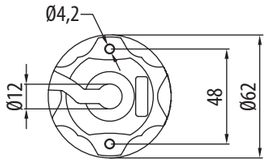
Optional connections

Wired switch.

MOTOR WITH BUILT-IN RECEIVER







07-2024

APPLICATION

TECHNOLOGY

MAIN CHARACTERISTICS

Code	Head	Torque	Speed	Certifications
CER45102000	Zama	10 Nm	20 rpm	cULus
CER45152000	Zama	15 Nm	20 rpm	cULus
CER45322000	Zama	32 Nm	20 rpm	cULus
CER45401400	Zama	40 Nm	14 rpm	cULus
CER45501400	Zama	50 Nm	14 rpm	cULus

Certifications are available on the cherubini-group.com website
* Certification process in progress. Ask your Cherubini contact to check availability.

TECHNICAL FEATURES

	10/20	15/20	32/20	40/14	50/14
Motor torque (Nm)	10	15	32	40	50
Speed (rpm)	20	20	20	14	14
Power (W)	175	190	250	250	250
Power supply (V/Hz)	120/60	120/60	120/60	120/60	120/60
Radio frequency (MHz)	433,92	433,92	433,92	433,92	433,92
Consumption (A)	1,50	1,65	2,10	2,10	2,10
Cable 4 x 0,75 (m)	lg. 3	lg. 3	lg. 3	lg. 3	lg. 3
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	3,1	3,6	3,6	3,6
L1 (mm)	503	503	543	543	543

COMPATIBLE SYSTEMS

Cherubini Remote Controls

One-channel, multi-channel remote controls.

Clima Plus RX
Ø45

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.

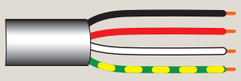
Specific functions

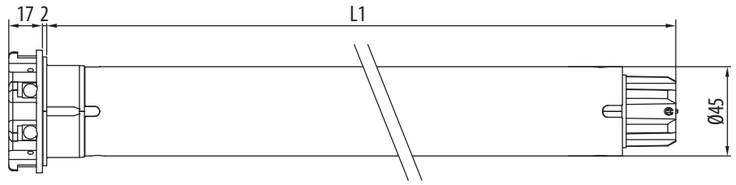
- Manual and semi-automatic adjustment of the limit switches.
- Protection against freezing and obstacle detection on both directions, sensitivity setting on 3 levels possible.
- Possibility of memorizing an intermediate position.

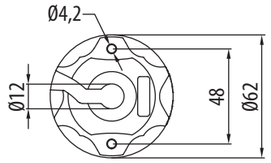
Optional connections

Wired switch.

MOTOR WITH BUILT-IN RECEIVER







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APPLICATION

TECHNOLOGY

MAIN CHARACTERISTICS

Code	Head	Torque	Speed	Certifications
CED45101400	Zama	10 Nm	14 rpm	
CED45151400	Zama	15 Nm	14 rpm	
CED45321400	Zama	32 Nm	14 rpm	
CED45401400	Zama	40 Nm	14 rpm	
CED45501400	Zama	50 Nm	14 rpm	

Certifications are available on the cherubini-group.com website

TECHNICAL FEATURES

	10/14	15/14	32/14	40/14	50/14
Motor torque (Nm)	10	15	32	40	50
Speed (rpm)	14	14	14	14	14
Power (W)	175	190	250	250	250
Power supply (V/Hz)	120/60	120/60	120/60	120/60	120/60
Radio frequency (MHz)	433,92	433,92	433,92	433,92	433,92
Consumption (A)	1,50	1,65	2,10	2,10	2,10
Cable 4 x 0,75 (m)	lg. 3	lg. 3	lg. 3	lg. 3	lg. 3
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	3,1	3,6	3,6	3,6
L1 (mm)	503	503	543	543	543

COMPATIBLE SYSTEMS

Cherubini Remote Controls

One-channel, multi-channel remote controls.

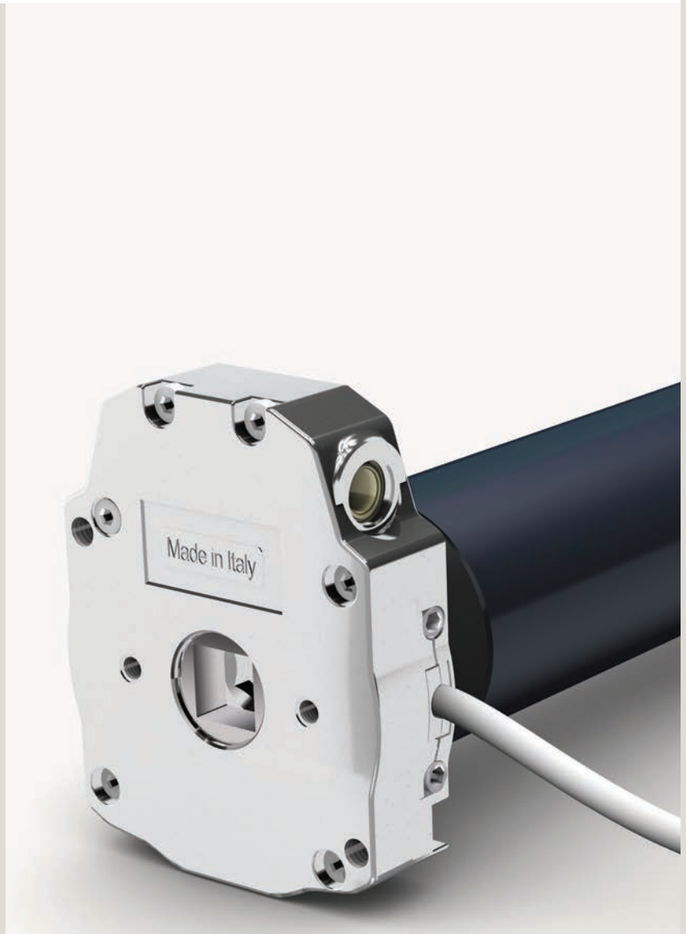
Ocean
Ø58

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

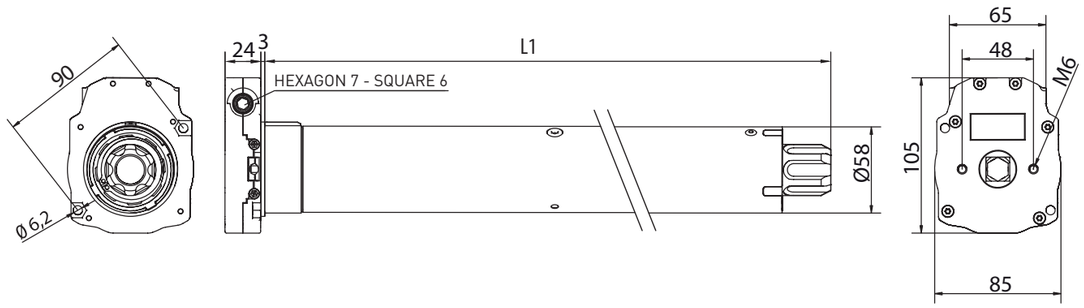
Strength and safety
The star-shaped metallic reducer pin makes the motor highly reliable.

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



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MAIN CHARACTERISTICS

TECHNICAL FEATURES

	60/14	80/14
Motor torque (Nm)	60	80
Speed (rpm)	14	14
Mechanical limit switch	29	29
Power (W)	310	380
Power supply (V/Hz)	120/60	120/60
Consumption (A)	2,60	3,20
Cable* 4 x 0,75 (m)	lg. 2,5	lg. 2,5
Operating time (min)	4	4
Protection degree	IP44	IP44
Weight (kg)	7,0	7,0
L1 (mm)	703	703

ACCESSORIES FOR MANUAL OPERATION

For a complete list see "Accessories for manual operation" on page 40

COMPATIBLE SYSTEMS

TDS Compact and Compact ROLL radio receivers are under development.
Ask your Cherubini contact for availability.

APPLICATION

TECHNOLOGY

Code	Head	Torque	Speed	Certifications
CMS58061400	Zama	60 Nm	14 rpm	cULus
CMS58081400	Zama	80 Nm	14 rpm	cULus
CMS58101400	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.

*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 + 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.

Wave RX
Ø58

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

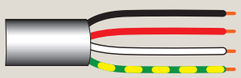
- Obstacle detection upwards, sensitivity setting on 3 levels possible.
- Torque control for the stop in closing position of cassette awnings.
- Possibility of memorizing an intermediate position.
- Setting possible with remote control or wired switch.

Optional connections

Wired switch.

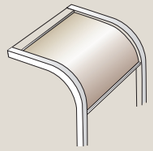
Connection to Mistral wind sensor via radio.

MOTOR WITH BUILT-IN RECEIVER

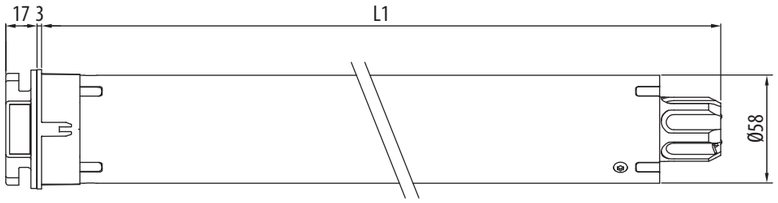


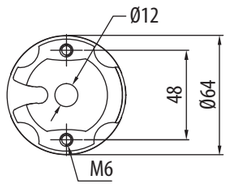
FUNCTIONS FOR PERGOLAS AND VERANDAS

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.





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APPLICATION

TECHNOLOGY

CRC RX

MAIN CHARACTERISTICS

Code	Head	Torque	Speed	Certifications
CET58061400	Zama	60 Nm	14 rpm	cULus
CET58081400	Zama	80 Nm	14 rpm	cULus
CET58101400	Zama	100 Nm	14 rpm	*UNDER DEVELOPMENT***

Certifications are available on the cherubini-group.com website

TECHNICAL FEATURES

	60/14	80/14
Motor torque (Nm)	60	80
Speed (rpm)	14	14
Power (W)	310	380
Power supply (V/Hz)	120/60	120/60
Radio frequency (MHz)	433,92	433,92
Consumption (A)	2,60	3,20
Cable 4 x 0,75 (m)	lg. 3	lg. 3
Operating time (min)	4	4
Protection degree	IP44	IP44
Receiver storage capacity (No. Remote controls)	15	15
Weight (kg)	6,0	6,0
L1 (mm)	700	700

COMPATIBLE SYSTEMS

Cherubini Remote Controls

One-channel, multi-channel remote controls.

Climatic control Mistral

Wireless vibrating wind sensor.

Wave RX *variant 25*
Ø58

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

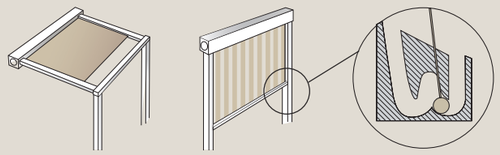
- Automatic programmable awning coupling and uncoupling system.
- Possibility of memorising the automatic coupling and uncoupling of the awning even in the intermediate position.
- Obstacle detection upwards, sensitivity setting on 3 levels possible.
- Torque control for the stop in closing position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

Optional connections

Wired switch.

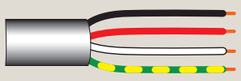
Connection to Mistral wind sensor via radio.

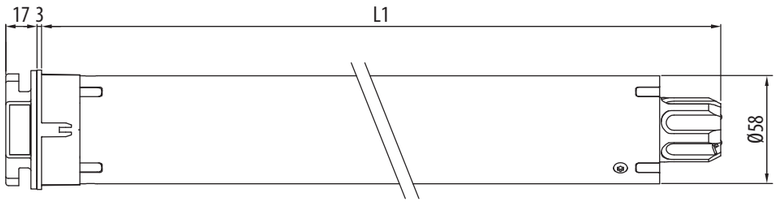
AUTOMATIC COUPLING AWNINGS

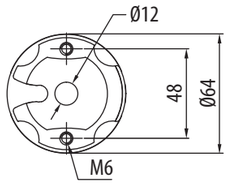


COUPLING AND UNCOUPLING SYSTEM

MOTOR WITH BUILT-IN RECEIVER

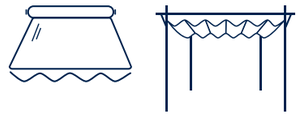






07-2024

APPLICATION



TECHNOLOGY

CRC RX

MAIN CHARACTERISTICS

Code	Head	Torque	Speed	Certifications
CET58061425	Zama	60 Nm	14 rpm	cULus
CET58081425	Zama	80 Nm	14 rpm	cULus
CET58101425	Zama	100 Nm	14 rpm	*UNDER DEVELOPMENT***

Certifications are available on the cherubini-group.com website

TECHNICAL FEATURES

	60/14	80/14
Motor torque (Nm)	60	80
Speed (rpm)	14	14
Power (W)	310	380
Power supply (V/Hz)	120/60	120/60
Radio frequency (MHz)	433,92	433,92
Consumption (A)	2,60	3,20
Cable 4 x 0,75 (m)	lg. 3	lg. 3
Operating time (min)	4	4
Protection degree	IP44	IP44
Receiver storage capacity (No. Remote controls)	15	15
Weight (kg)	6,0	6,0
L1 (mm)	700	700

COMPATIBLE SYSTEMS

Cherubini Remote Controls

One-channel, multi-channel remote controls.

Climatic control Mistral

Wireless vibrating wind sensor.

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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.

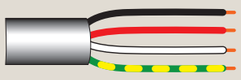
Specific functions

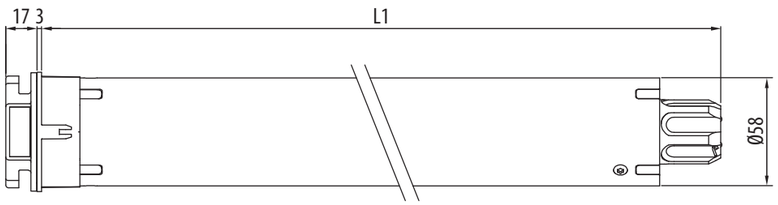
- Manual and semi-automatic adjustment of the limit switches.
- Protection against freezing and obstacle detection on both directions, sensitivity setting on 3 levels possible.
- Possibility of memorizing an intermediate position.
- Setting possible with remote control or wired switch.

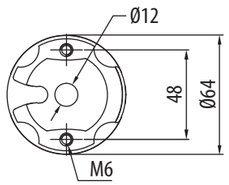
Optional connections

Wired switch.

MOTOR WITH BUILT-IN RECEIVER







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MAIN CHARACTERISTICS

APPLICATION

TECHNOLOGY

Code	Head	Torque	Speed	Certifications
CER58061400	Zama	60 Nm	14 rpm	cULus
CER58081400	Zama	80 Nm	14 rpm	cULus
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.

TECHNICAL FEATURES

	60/14	80/14
Motor torque (Nm)	60	80
Speed (rpm)	14	14
Power (W)	310	380
Power supply (V/Hz)	120/60	120/60
Radio frequency (MHz)	433,92	433,92
Consumption (A)	2,60	3,20
Cable 4 x 0,75 (m)	lg. 3	lg. 3
Operating time (min)	4	4
Protection degree	IP44	IP44
Receiver storage capacity (No. Remote controls)	15	15
Weight (kg)	6,0	6,0
L1 (mm)	700	700

COMPATIBLE SYSTEMS

Cherubini Remote Controls

One-channel, multi-channel remote controls.

Clima Plus RX
Ø58

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.

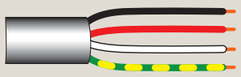
Specific functions

- 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.

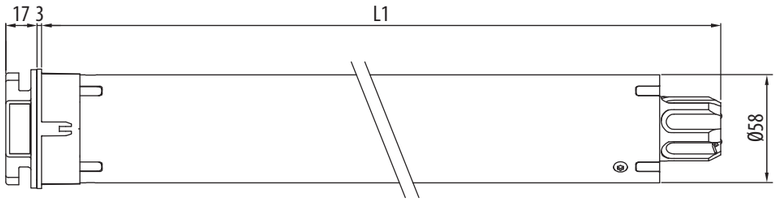
Optional connections

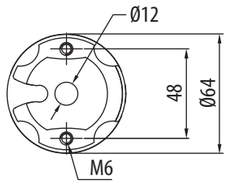
Wired switch.

MOTOR WITH BUILT-IN RECEIVER



BLACK - PHASE
RED - WIRED SWITCH
WHITE - NEUTRAL
YELLOW - GREEN ⏚





07-2024

Clima Plus RX Ø58

MAIN CHARACTERISTICS

APPLICATION

TECHNOLOGY

CRC RX

Code	Head	Torque	Speed	Certifications
CED58061400	Zama	60 Nm	14 rpm	cULus
CED58081400	Zama	80 Nm	14 rpm	cULus
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.

TECHNICAL FEATURES

	60/14	80/14
Motor torque (Nm)	60	80
Speed (rpm)	14	14
Power (W)	310	380
Power supply (V/Hz)	120/60	120/60
Radio frequency (MHz)	433,92	433,92
Consumption (A)	2,60	3,20
Cable 4 x 0,75 (m)	lg. 3	lg. 3
Operating time (min)	4	4
Protection degree	IP44	IP44
Receiver storage capacity (No. Remote controls)	15	15
Weight (kg)	6,0	6,0
L1 (mm)	700	700

COMPATIBLE SYSTEMS

Cherubini Remote Controls

One-channel, multi-channel remote controls.

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	
A530127	POP	
A530138	POP PLUS	
A530139	POP PLUS	
A530132	POP LUX	
A530133	POP LUX	
A530144	POP P-LUX	
A530145	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.

Mistral

Vibration wind sensor

A520012

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

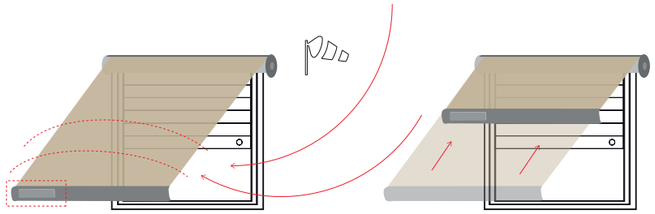
Compatible with the Wave RX, Senso RX, Wave Loch RX, Movi RX, Garda RX, Ocean RX, Ora ZRX, Rebis ZRX motor series and with external radio receivers for awnings.

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



The sensor detects the movement of the awning caused by the wind

The awning closes

VERSIONS

Code	Model	Function
A520012	MISTRAL	Wind sensor

CHARACTERISTICS

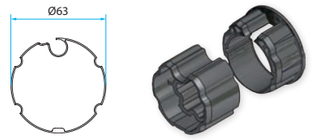
Power supply	2,4 V-3V DC
Type of battery	2xLR03 (AAA)
Transmission frequency	433,92 MHz
Modulation	AM/ASK
Decoder system	Rolling Code
Irradiated RF power (ERP)	2 mW
Operating temperature	-10 °C +50 °C
Dimensions (mm)	140 x 38 x 26 mm
Weight (g)	100
Protection degree	IP44

Certification process in progress.
Ask your Cherubini contact to check availability.

Adapters for motors Ø45

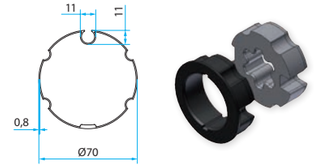
Ogives

Ogive 63



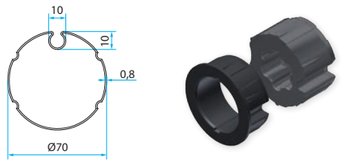
A4505_0525
Adapters RollerBat 63

Ogive 70



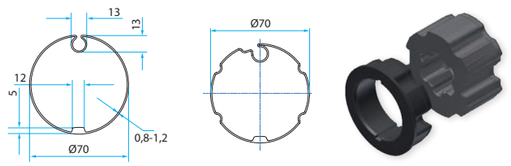
A4505_0518
Adapters Oval 70 Selt

Ogive 70



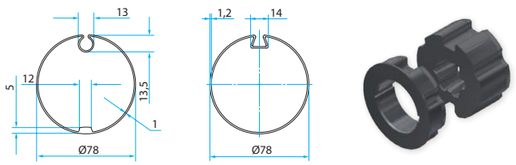
A4505_0519
Adapters tube 70 reduced Ogive

Ogive 70



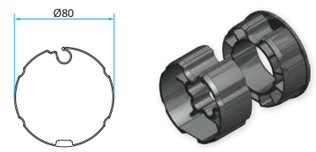
A4505_0520
Adapters Oval 70 Selt and RollerBat 70

Ogive 78



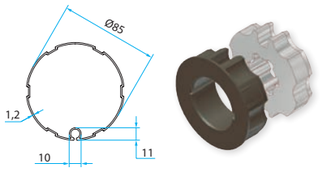
A4505_0521
Adapters Ogive 78 + Flat Ogive 78

Ogive 80



A4505_0523
Adapters RollerBat 80

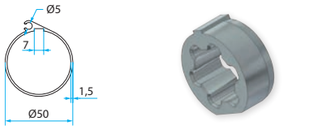
Ogive 85



A4505_0513
Adapters Ogive 85

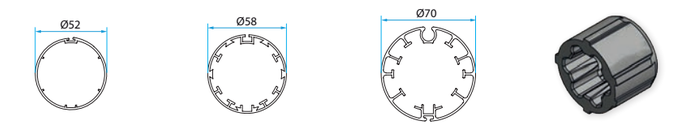
Round

Round 50



A4505_0514
Adapters round tube 50 Thoni

Round 52-58-70

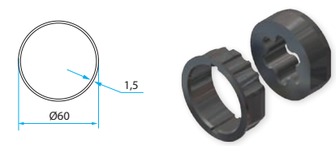


A4505_0528
Adapters Delfin 52-58-70

Round 50

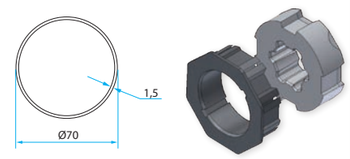
A4505_0505
Adapters Round 50

Tondo 60



A4505_0506
Adapters Round 60

Round 70

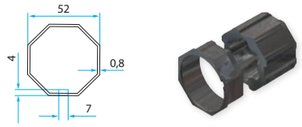


A4505_0515
Adapters Round 70

Adapters for motors Ø45

Octagonal

Octagonal 52

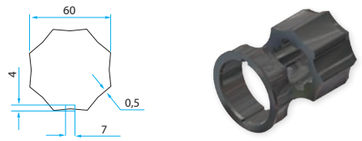


A4505_0511
Adapters Octagonal 52

Octagonal 60

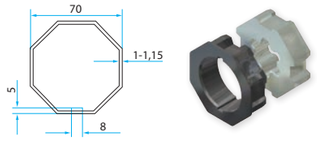
A4505_0510
Adapters Octagonal 60 th. 1 mm

Star-shaped 60



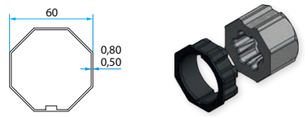
A4505_0512
Adapters Star-shaped 60

Octagonal 70



A4505_0502
Adapters Octagonal 70

Octagonal 60



A4505_0531
Adapters Octagonal 60 th. 0,6 mm

Octagonal 60 up to 20 Nm

A4505_0532
Adapters Octagonal 60 th. 0,6 mm, reduced thickness

Deprat

Deprat 53

A4505_0508
Adapters Deprat 53

Deprat 62/Welser 63

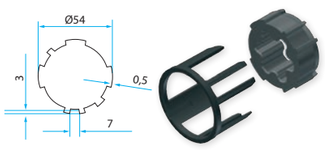
A4505_0507
Adapters Deprat 62/Welser 63

Deprat 89

A4505_0516
Adapters Deprat 89

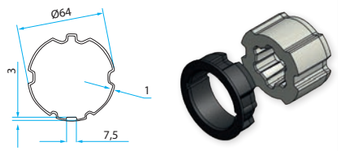
ZF

ZF 54



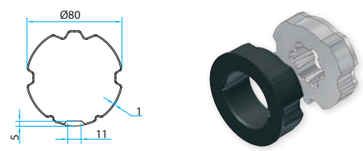
A4505_0508
Adapters ZF 54

ZF 64



A4505_0509
Adapters ZF 64

ZF 80



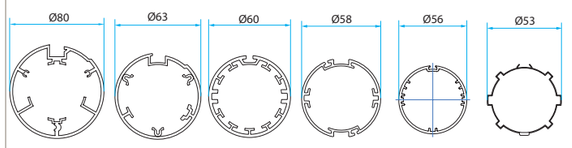
A4505_0517
Adapters ZF 80

Others

Acmeda 60

A4505_0522
Adapters Acmeda 60

Dalex 63 + 80 / Eurothema 60 / Gibus D58 / RollerBat 56 / Soprofen 53 + 54

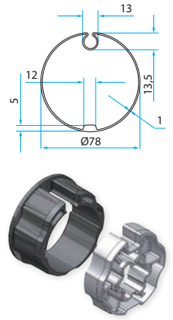


A4505_0524
Drive pulley suitable for multiple profiles

Adapters for motors Ø58

Ogives

Ogive 78

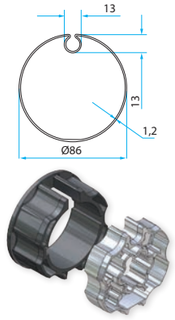


A5805_0502
Adapters Ogive 78

Ogive 78 flat

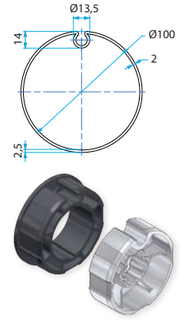
A5805_0513
Adapters Flat Ogive 78

Ogive 85



A5805_0503
Adapters Ogive 85

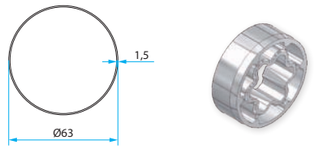
Ogive 100



A5805_0516
Adapters Ogive 100 Stobag

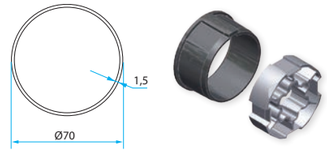
Round

Round 63



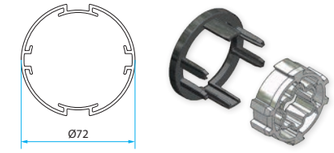
A5805_0509
Adapters Round 63

Round 70



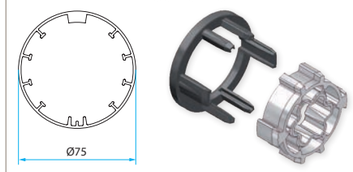
A5805_0508
Adapters Round 70

Round 72



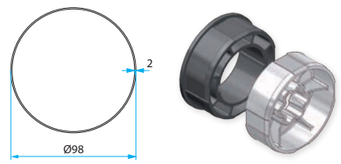
A5805_0514
Adapters Round 72 Gibus LS60 (Øe 72)

Round 75



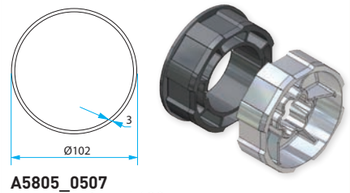
A5805_0511
Adapters Round 75 Matest

Round 98



A5805_0510
Adapters Round 98

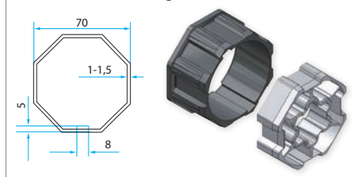
Round 102



A5805_0507
Adapters Round 102

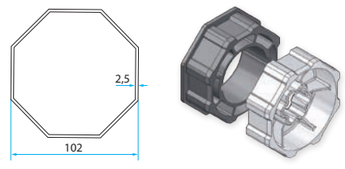
Octagonal

Octagonal 70



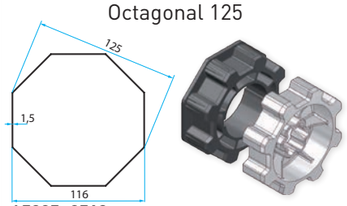
A5805_0501
Adapters Octagonal 70

Octagonal 102



A5805_0506
Adapters Octagonal Welser tube 102

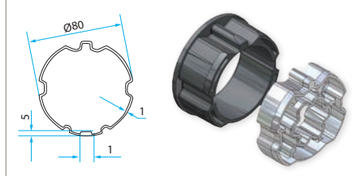
Octagonal 125



A5805_0512
Adapters Octagonal Heroal 125

Others

ZF 80

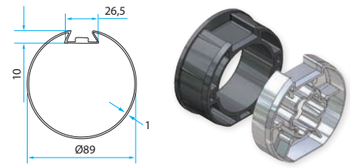


A5805_0504
Adapters ZF 80

RollerBat 80

A5805_0515
Adapters RollerBat 80

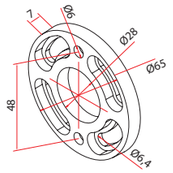
Deprat 89



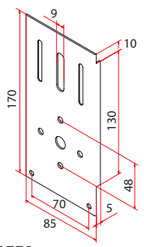
A5805_0505
Adapters Deprat 89

Brackets for motors Ø45

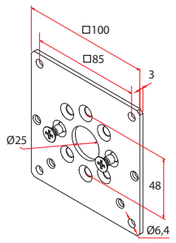
all motor torques



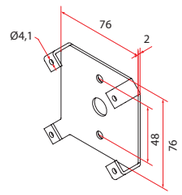
9014
Flange



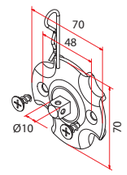
A4506_0559
"Vercelli" support plate



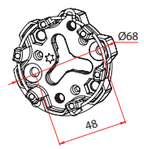
A4506_0568 (zama heads only)
Plate 100x100



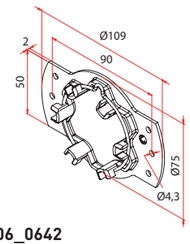
A4506_0588
Bracket "Bloc-Baie"



A4506_0616 (only for plastic head)
Square pin 10 mm

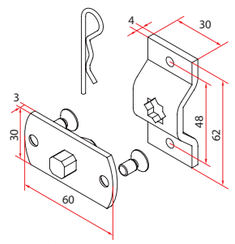


A4506_0638
Zama bracket with spring

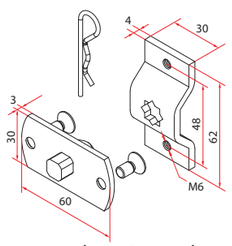


A4506_0642
Steel support with spring

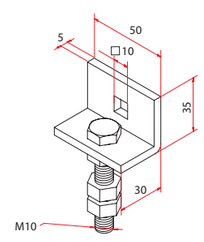
up to 32 Nm



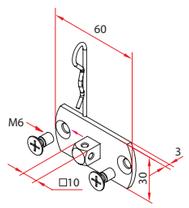
A4506_0556 (head in zama)
A4506_0566 (head in plastic)
Flanged 10 mm square pin with omega bar, through holes



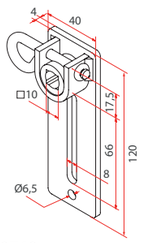
A4506_0557 (head in zama)
A4506_0567 (head in plastic)
Flanged 10 mm square pin with omega bar, M6 holes



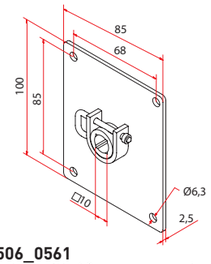
A4506_0558
Adjustable bracket with 10 mm square hole



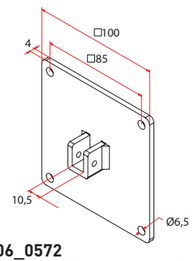
A4506_0580 (head in zama)
A4506_0569 (head in plastic)
10 mm square pin with M6 screw



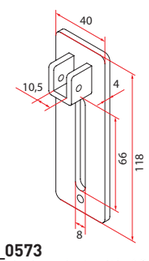
A4506_0562
Adjustable bracket with 10 mm square hole, with release



A4506_0561
Bracket with 10 mm square hole, with release



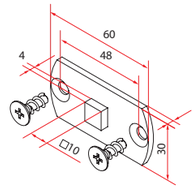
A4506_0572
Bracket with 10 mm square hole, without release



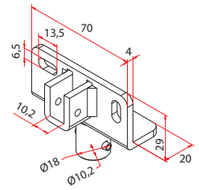
A4506_0573
Adjustable bracket with 10 mm square hole, without release

Brackets for motors Ø45

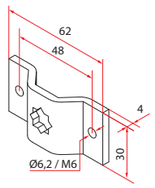
up to 32 Nm



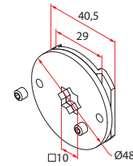
A4506_0597
Mosquito screen 10 short flanged square pin bracket



A4506_0600
Bracket with saddle square 10 mm

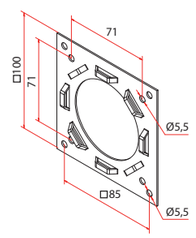


A4506_0620 Ø6.2 holes
A4506_0621 M6 holes
Omega bar for 10 mm square

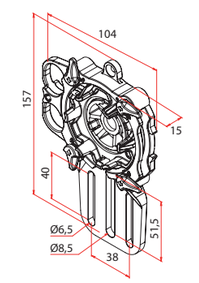


A4506_0623
Star-shaped 10 mm square pin coupling removable head

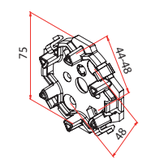
up to 20 Nm



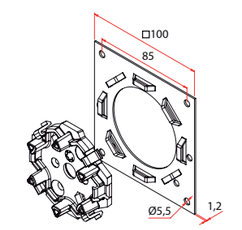
A4506_0595
SLO support plate



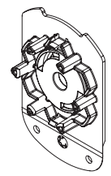
A4506_0641
Support 3 slots with release



A4506_0644
Snap-on bracket

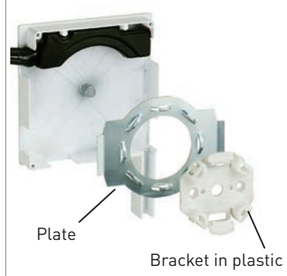


A4506_0653
Support kit 100x100 ZF Croci-Veka

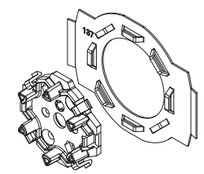


A4506_0656
Profine system sidewall support

FIXING KIT



SYSTEM
OPTime
Fastening without screws: Compatible on all kind of side caps. Possibility of adjustment on all positions.

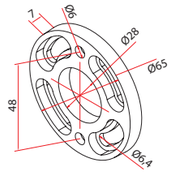


Code	Description	Code	Description
A4506_0645	OPTime fastening kit 130	**A4506_0649**	OPTime fastening kit 165
A4506_0646	OPTime fastening kit 137	**A4506_0650**	OPTime fastening kit 170
A4506_0647	OPTime fastening kit 140	**A4506_0651**	OPTime fastening kit 180
A4506_0648	OPTime fastening kit 150	**A4506_0652**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

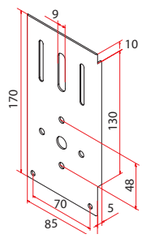
Brackets for motors with override Ø45

Ocean
Ocean RX

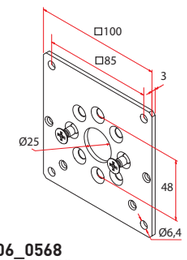
all motor torques



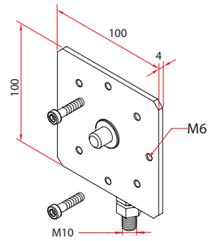
9014
Flange



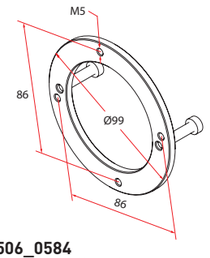
A4506_0559
"Vercelli"support plate



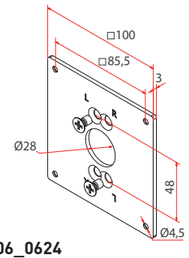
A4506_0568
Plate 100x100



A4506_0571
Adjustable bracket for Ocean

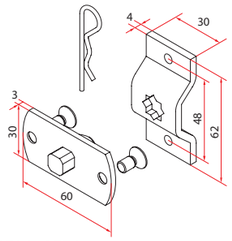


A4506_0584
Fastening sliding ring

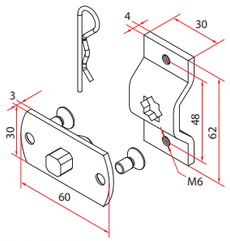


A4506_0624
Plate 100x100 holes 12,5°

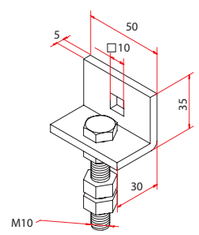
up to 32 Nm



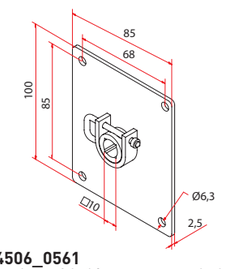
A4506_0556
Flanged 10 mm square pin with omega bar, through holes



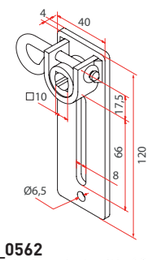
A4506_0557
Flanged 10 mm square pin with omega bar, M6 holes



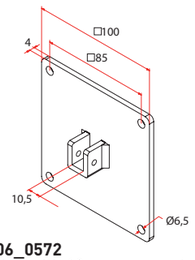
A4506_0558
Adjustable bracket with 10 mm square hole



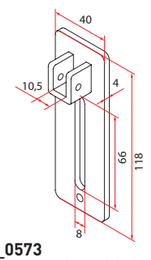
A4506_0561
Bracket with 10 mm square hole, with release



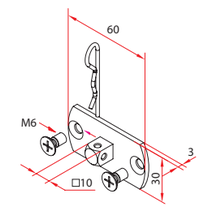
A4506_0562
Adjustable bracket with 10 mm square hole, with release



A4506_0572
Bracket with 10 mm square hole, without release

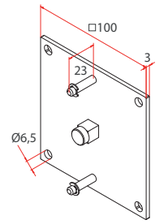


A4506_0573
Adjustable bracket with 10 mm square hole, without release



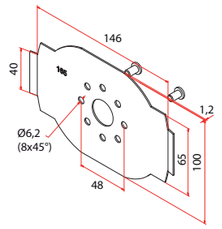
A4506_0580
10 mm square pin with M6 screw

up to 32 Nm



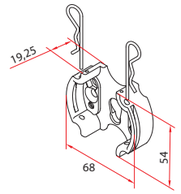
A4506_0632
Fast plate 100x100

up to 20 Nm

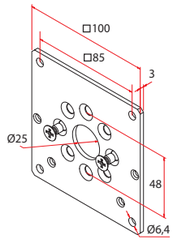


A4506_0628
Fixing for 165 mm sides

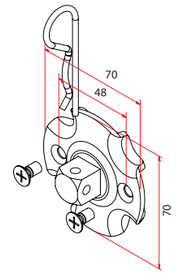
Brackets for motors Ø58



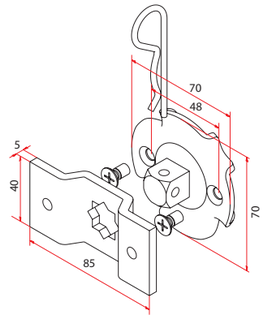
A4506_0554
Fast coupling bracket with spring split pins



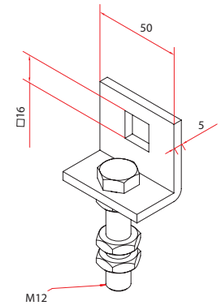
A4506_0568
Plate 100x100



A5806_0555
Square pin 16 mm

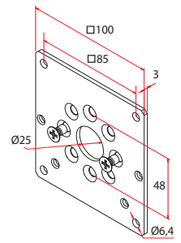


A5806_0551
Square pin 16 mm with omega bar

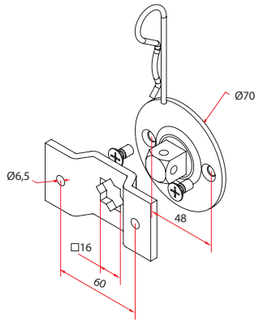


A5806_0558
Adjustable bracket with 16 mm square hole (up to 85 Nm)

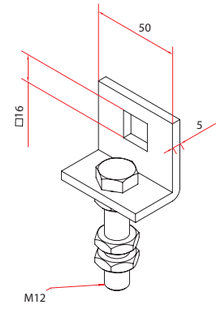
Motor with override: OCEAN



A4506_0568
Plate 100x100



A5806_0552
Square pin 16 mm with omega bar for override



A5806_0558
Adjustable bracket with 16 mm square hole (up to 85 Nm)

Accessories

For manually operating motors of the series OCEAN, OCEAN RX

Ref. 9100 150L CH02
Operating crank length 150 cm
Only for OCEAN series motors

Ref. 7463 150G 2101
Foldable crank with hook length 150 cm
Only for OCEAN series motors

Ref. 7461 150N 1606A
Foldable crank with assembled tube length lg. 150 cm

Ref. 7721 7040 OC16
Outlet at 60°, fast coupling with eye
Only for OCEAN series motors

Ref. 7840 7033 OCNK (nickel plated)
Ref. 7840 7043 OC16 (Ral 9016)
Outlet at 90°, fast coupling with eye
Only for OCEAN series motors

Ref. 7705 7030 OCNK
Outlet 55°, plate in nickel plated Zama, with eye
Only for OCEAN series motors

Ref. 8026 70
Magnetic outlet with plate

Ref. 14987016

Ref. 8056M12 **Ref. 8056V13**
Magnetic outlets without plate

Ref. 6015

Ref. 6015 7007
Hexagonal pole 7 w/71 mm protrusion+screw
Ref. 6015 7018
Hexagonal pole 7 w/185 mm protrusion+screw

Ref. 7840 7038 CA16 + 7844 12CA16
Outlet at 90° magnetic + magnetic gear reduction

Ref. 6010 7008 CH16
Eye with hexagon 7 - lg. 86 mm
Ref. 6010 7012 CH16
Eye with hexagon 7 - lg. 126 mm
Ref. 6010 7018 CH16
Eye with hexagon 7 - lg. 186 mm
Only for OCEAN series motors

Ref. 7810
Plate 85x40x2 mm
Hole cover plate designed for manual override on cassette

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.

WARRANTY 5 YEARS

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

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