GAPOSA

MOTORS & CONTROL SYSTEMS

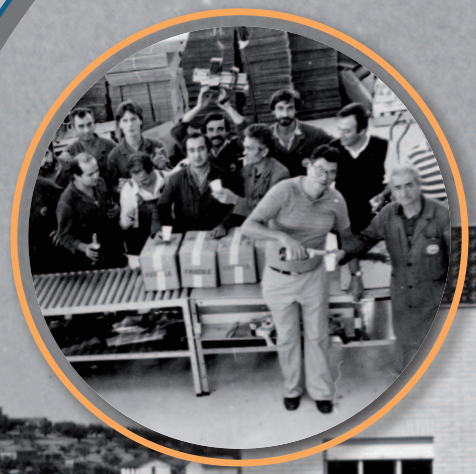
RESIDENTIAL
MOTORISATION

From engineering to production and planning as well as quality control, our mission is to achieve excellence in product and service. The direct result is a number of innovating patents and very reliable products with high performances.

We are proud that our team effort has contributed not only to Gaposa's success, but also to the quality of working environments and residential buildings.



Founded in 1969 by Cesare Gasparrini, Gaposa is proud of more than 50 years of activity

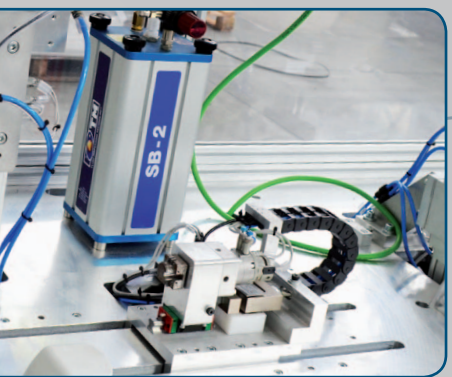


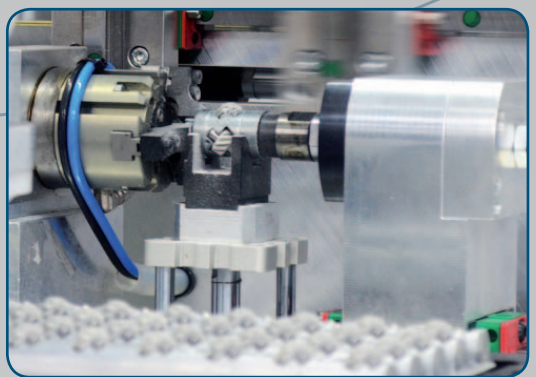
GAPOSA 56

5
motor lines for industrial doors

350
different types of tubular motors

15
quality control stations

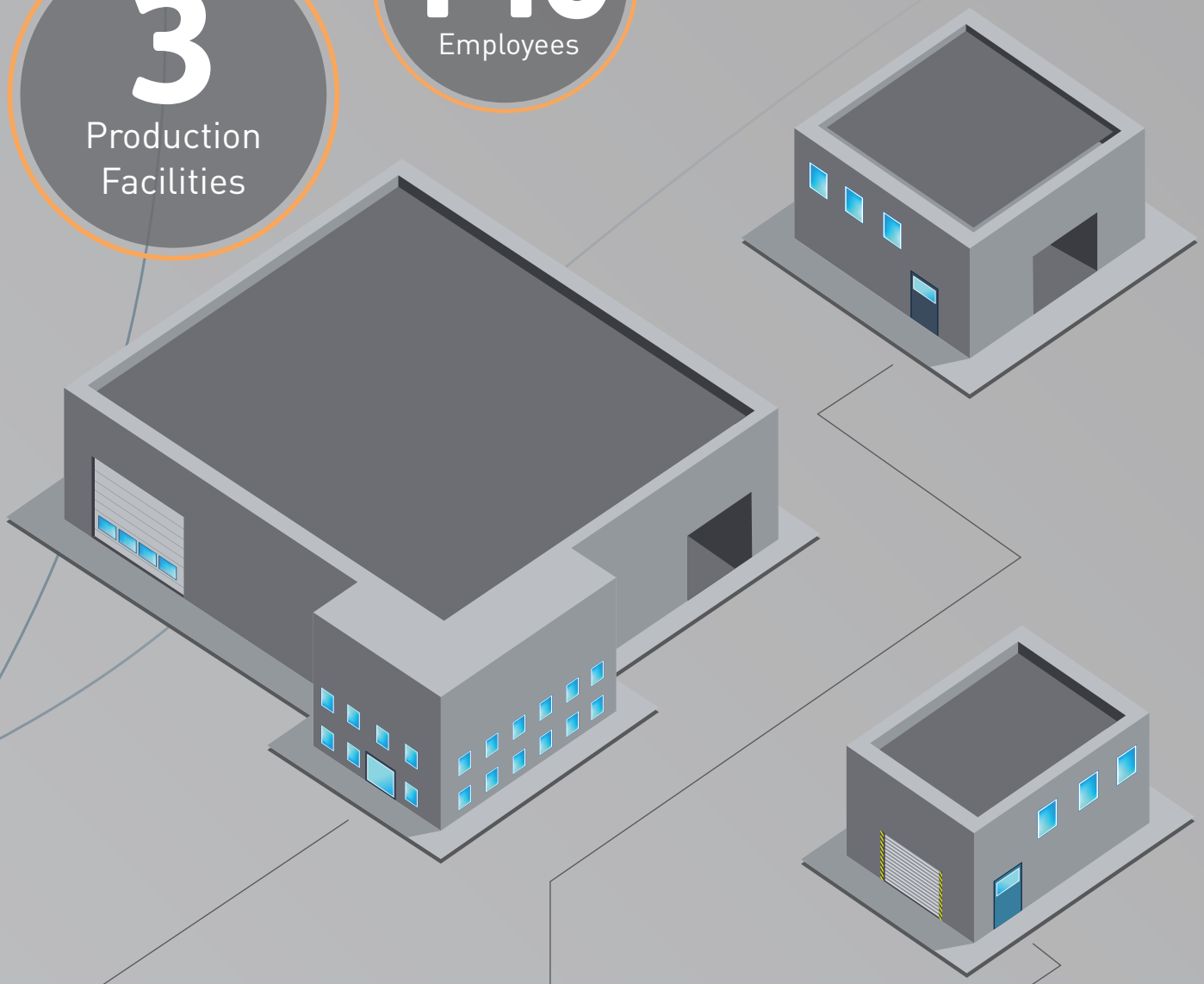






3
Production Facilities

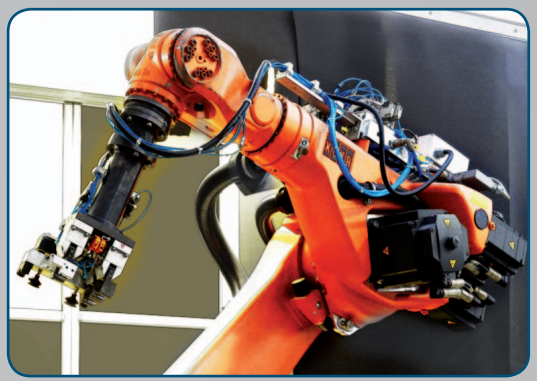
140
Employees



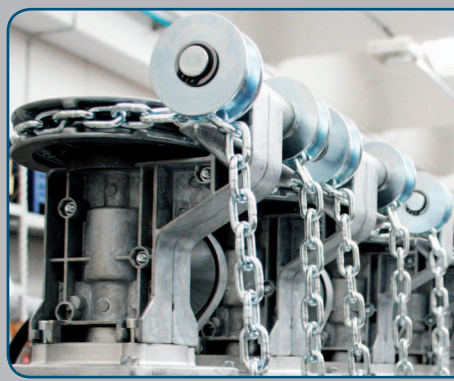
HEADQUARTERS
Motor & Control Systems

Windings

Electronics







Company Profile



Gaposa is an Italian manufacturer producing automation systems for industrial and garage doors as well as for roller shutters and solar protection systems. Gaposa has persevered, from its first years of activity, in a constant R&D policy in order to anticipate market changes.

With a number of patents and a 100% Italian production, Gaposa has strengthened its position as one of the leaders in both the industrial and residential markets.

This strategy has allowed the company to remarkably increase its international presence, with 5 direct subsidiaries in USA, France, Spain, Bulgaria and China as well as exports to more than 30 countries on every continent.



USA
GAPOSA Inc.
Philadelphia

Spain
Gaposa España
Valencia

France
Gaposa France
Lyon

Greece
Bulgaria
Gaposa South East Europe
Sofia

Italy
Gaposa
Fermo

China
Yancheng Gaposa Trading
Jiangsu

Project references

Leader in silent motorisation for roller shades, Gaposa has been chosen for some of the most significant projects of the recent years.
The next references are only a few examples of projects where Gaposa motors have been preferred for their very low noise emission and high reliability.



Singapore - Create research center



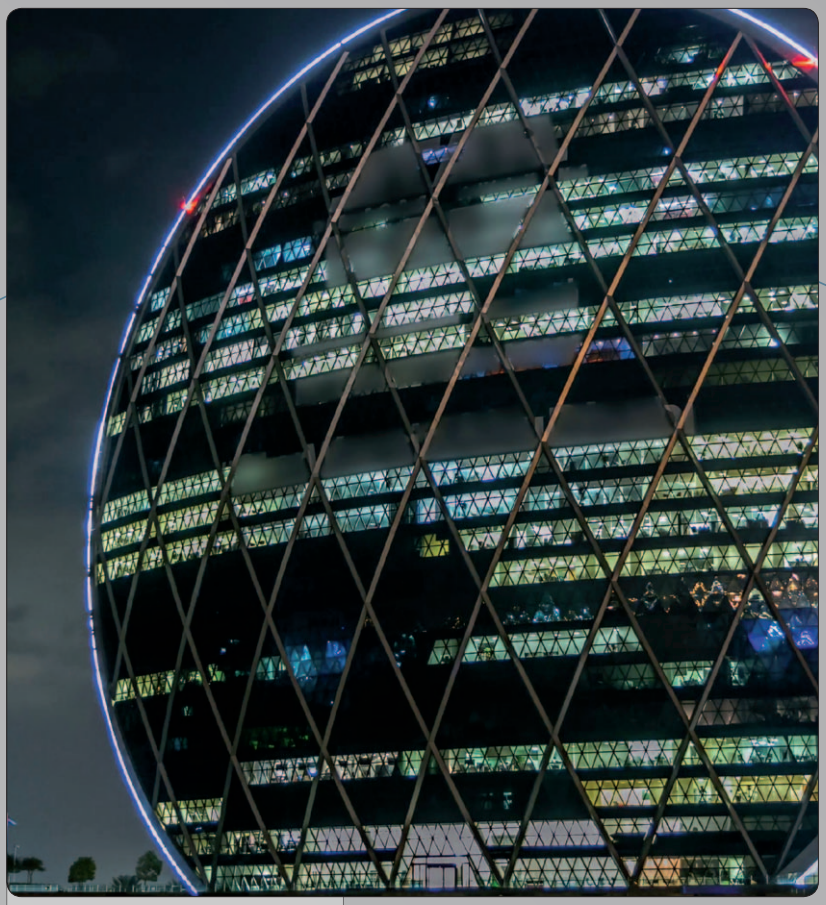
New York - NYT Building



Madrid - Caja Tower



Shanghai - Baccarat residences



Abu Dhabi - Aldar Headquarters

Paris - First Tower



New York - IAC Headquarters





Residential and window coverings motorisation

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XQ AUTONOMO

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60 XQ50 SENSEZIP
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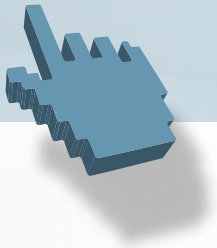
71 GARAGE DOORS
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102 Radio receivers
104 Climatic sensors
106 Group control relays
108 Radio control units
108 Switches
110 QC201
111 Accessories
112 Safety devices

114 SAFETY BRAKES
116 Adjustable caps





GAPOSA

AUTONOMO

Solar motorisation for roller shutters, zip screens and awnings

GAPOSA

AUTONOMO

Designed to provide an unparalleled level of convenience, efficiency, and eco-friendliness, the **AUTONOMO** Solar Motor is set to transform the way we interact with Zip screens, Rolling shutters and interior blinds.

With a number of solar panel options, torques (1 to 50Nm) and battery solutions, the **AUTONOMO** line from Gaposa will answer any needs.



Torque Sensing Function. The *Autonomo Solar Motor* is equipped with a state-of-the-art torque sensing function. This intelligent feature allows the motor to accurately detect resistance levels during operation, ensuring precise and reliable movement.



Solar Station.
Developed to fit all installation, the SPB18 solar station will be perfect for Zip screens where space inside the head box is an issue or when we need to retrofit an old manual roller shutter to solar technology.

Double-Try Obstacle Detection.
Safety is of paramount importance, and with its double-try obstacle detection mechanism, the motor instantly detects any obstructions in the path of your Zip or shutter.



Especially designed for cassette and standard retractable awnings Gaposa's 50Nm solar motor is equipped with a special firmware.

Only available with the SPB22 solar station it was developed to facilitate the complete installation of the awning.

With a high capacity battery our solar motor solution will never falter.

AUTONOMO

COMPONENTS AND TECHNICAL DETAILS

KIT **XQBPX616** (6 Nm)

Motors	Series	Torque	Speed	Solar Panel	Battery	Connectors	Limits	Power	Amps
XQDC4SX616	**XQ40**	6 Nm	16 rpm	**SPM18**	**BNH22**	Standard (cable 25 cm)	160	36 W	3.0 A

KIT **XQBPX1012** (10 Nm)

Motors	Series	Torque	Speed	Solar Panel	Battery	Connectors	Limits	Power	Amps
XQDC4SX1012	**XQ40**	10 Nm	12 rpm	**SPM18**	**BNH23**	Standard (cable 25 cm)	160	36 W	3.0 A

KIT **XSBPX2012 – XQBPX2016** (20 Nm)

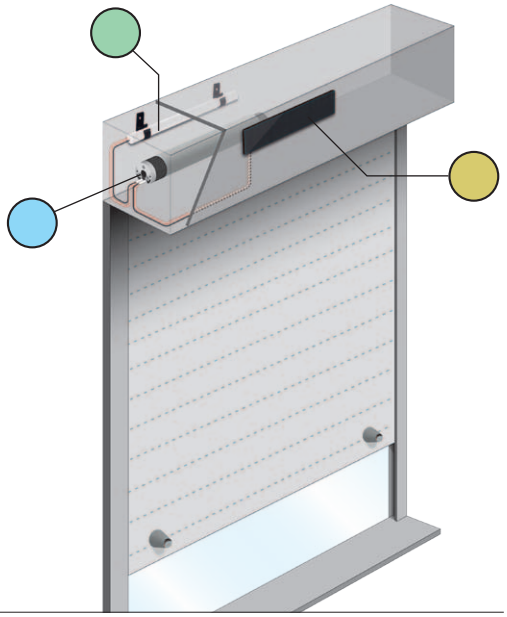
Motors	Series	Torque	Speed	Solar Panel	Battery	Connectors	Limits	Power	Amps
XSDC5SX2012 Sleo	**XS50**	20 Nm	12 rpm	**SPM30**	**BNH24**	Standard (cable 25 cm)	80	72 W	6.0 A
XQDC5SX2016	**XQ50**	20 Nm	16 rpm	**SPM30**	**BNH24**	Standard (cable 25 cm)	80	72 W	6.0 A

KIT **XQBPX309** (30 Nm)

Motors	Series	Torque	Speed	Solar Panel	Battery	Connectors	Limits	Power	Amps
XQDC5SX309	**XQ50**	30 Nm	9 rpm	**SPM30**	**BNH24**	Standard (cable 25 cm)	80	72 W	6.0 A

Solar panels	SPM18	SPM30
Max power current	200 mA	360 mA
Max power Voltage	18 V	18 V
Maximum power	3.6 W	6.4 W
Protection	IP X4	IP X4

Batteries	BNH22	BNH23	BNH24
Voltage	12V / Ni-MH	12V / Ni-MH	12V / Ni-MH
Capacity	2200 mAh	2500 mAh	4000 mAh
Working temperature	-20°C/+70°C	-20°C/+70°C	-20°C/+70°C



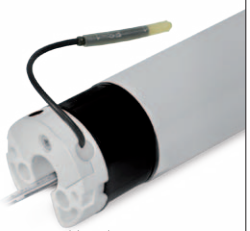
XQ40 TYPE OF HEADS AVAILABLE

XQDC4SX616 (Kit XQBPX616)
XQDC4SX1012 (Kit XQBPX1012)



• Motor with starred head, integrated antenna and series 50 crown

XQDC4S**V**X616 (Kit XQBP**V**X616)
XQDC4S**V**X1012 (Kit XQBP**V**X1012)



• Compact round head motor

BPX ACCESSORIES



BB22
Battery brackets

KIT **XQBPLX1012** SOLAR STATION (10 Nm)

Motors	Series	Torque	Speed	Solar Panel + Battery	Connectors	Limits	Power	Amps
XQDC4LX1012	**XQ40**	10 Nm	12 rpm	**SPB18**	waterproof (cable 50 cm)	160	36 W	3.0 A

KIT **XSBPLX2012 – XQBPLX2016** SOLAR STATION (20 Nm)

Motors	Series	Torque	Speed	Solar Panel + Battery	Connectors	Limits	Power	Amps
XSDC5LX2012 Sileo	**XS50**	20 Nm	12 rpm	**SPB18**	waterproof (cable 50 cm)	80	72 W	6.0 A
XQDC5LX2016	**XQ50**	20 Nm	16 rpm	**SPB18**	waterproof (cable 50 cm)	80	72 W	6.0 A

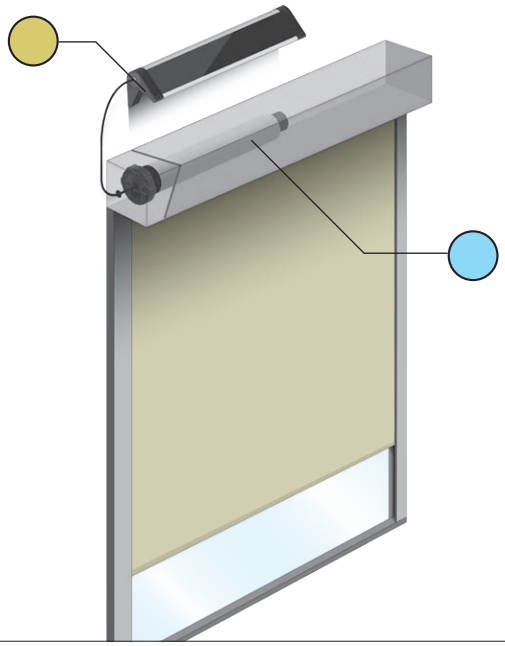
KIT **XQBPLX309** SOLAR STATION (30 Nm)

Motors	Series	Torque	Speed	Solar Panel + Battery	Connectors	Limits	Power	Amps
XQDC5LX309	**XQ50**	30 Nm	9 rpm	**SPB18**	waterproof (cable 50 cm)	80	72 W	6.0 A

KIT **XQBPLX403** SOLAR STATION (40 Nm)

Motors	Series	Torque	Speed	Solar Panel + Battery	Connectors	Limits	Power	Amps
XQDC5LX403	**XQ50**	40 Nm	3 rpm	**SPB18**	waterproof (cable 50 cm)	80	36 W	3.0 A

Solar Station	**SPB18**
Solar panels	
Max power current	305 mA
Max power Voltage	18 V
Maximum power	5.5 W
Protection	IP 55
Battery in alu profile	
Voltage	12V / Ni-MH
Capacity	5000 mAh
Working temperature	-20°C/+70°C



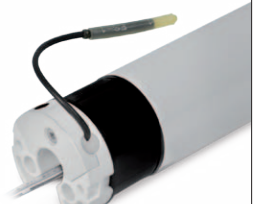
XQ40 TYPE OF HEADS AVAILABLE

XQDC4LX1012 (Kit XQBPLX1012)



• Motor with starred head, integrated antenna and series 50 crown

XQDC4LVX1012 (Kit XQBPLVX1012)



• Compact round head motor

MOTORS COMMON TECHNICAL DETAILS

Power Supply	12 V
Working temp.	-10° C / +40° C
Duty rating	6 min
Radio frequency	868.30 MHz
Protection	IP44

OPTIONALS



FLAXTWCC
Twin-connection Y cable to upgrade a solar assembly with an additional solar panel

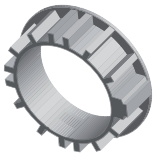


FLAX13W098
2 m cable for connecting the **AUTONOMO** LX motors to the 12V power supply network via transformer (not included)

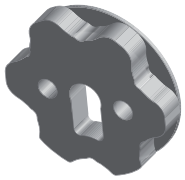


FLAX31W021
Extension cord with waterproof connectors (3 m)

Accessory kit
for compact XQ40 head motors



AXRRF4
Limits crown adapter



AXT45
Round to star head adapter

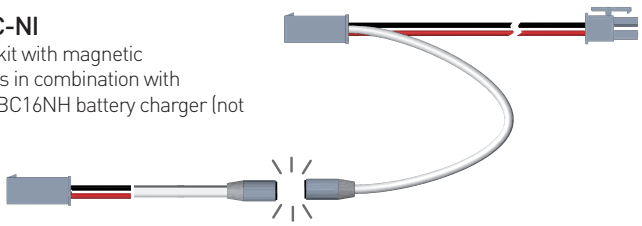


FLAXTWP1
Extension cable for connecting solar panels SPM18/30 (1 m)

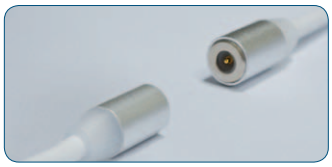


FLAXTWP5
Extension cable for connecting solar panels SPM18/30 (5 m)

FLAXMC-NI
Charging kit with magnetic connectors in combination with BC15NH/BC16NH battery charger (not included)



The charger is connected by bringing the two magnetic terminals closer together. Once the charge is complete, simply pull lightly to disconnect them.





BATTERY CHARGER

BC16NHX2
"Dual Charger" battery charger. It allows you to charge two different battery packs at the same time thanks to the two independent circuits it is equipped with. It has an intuitive programmable interface and a cooling fan for intensive use.

Input: 100-240 VAC / 11-18VDC
Charging Power:
AC: CH1 CH2 = 150W
DC: 120W x 2
Charging Current: 0.1-10A x 2
Dimensions: 145 x 100 x 65 mm
Cable length: 110 - 20 cm



BC18NHD.EU
Battery charger for NI-MH batteries up to 5000mA

Input: 100-240 VAC - 50/60 Hz - 0.6 A Max
Output: 12/18VDC - 1.0 A
Dimensions: 45 x 84 x 30 mm
Cable length: 130 cm

BC18NHD.EU
Type C electrical socket



BC18NHD.US
Type A electrical socket



BC18NHD.UK
Type G electrical socket





FLAX31W020
Interface for connecting the charger to the Solar station SPB18 (NI-MH battery solar panel on watertight aluminum profile)



BC15NH
Battery charger for NI-MH batteries up to 2500mA

Input: 100-240 VAC - 50/60 Hz - 0.5 A Max
Output: 12.6 VDC - 1000 mA
Dimensions: 40 x 58 x 32 mm
Cable length: 180 cm

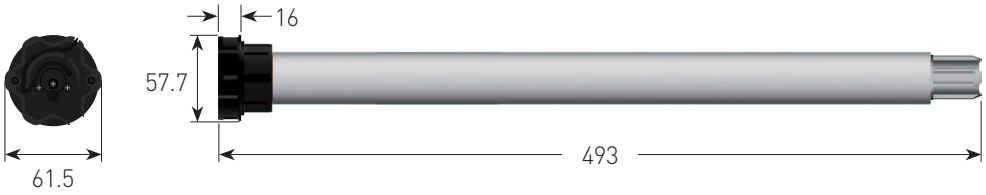


DIMENSIONS (in mm)

Motors

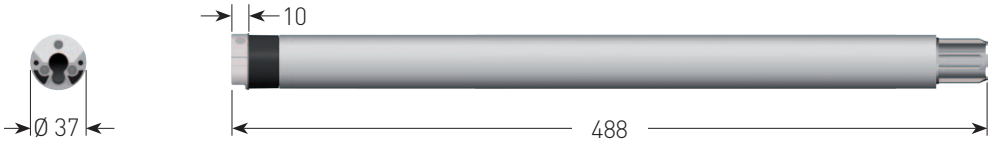
XQDC4SX616

XQDC4SX1012
XQDC4LX1012



XQDC4SVX616

XQDC4SVX1012
XQDC4LVX1012

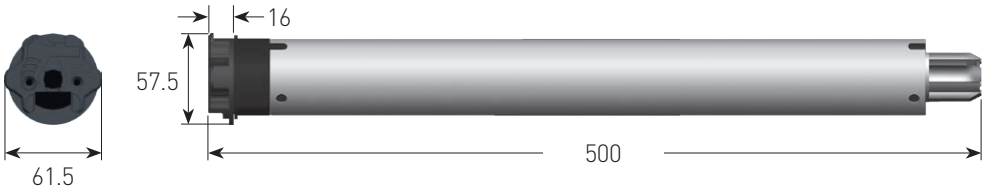


XQDC5SX2016
XQDC5LX2016

XSDC5SX2012 Sileo
XSDC5LX2012 Sileo

XQDC5SX309
XQDC5LX309

XQDC5LX403



Batteries

BNH22
BNH23

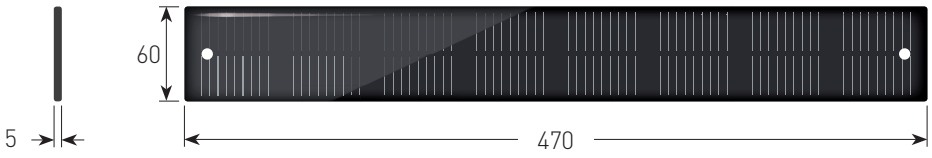


BNH24

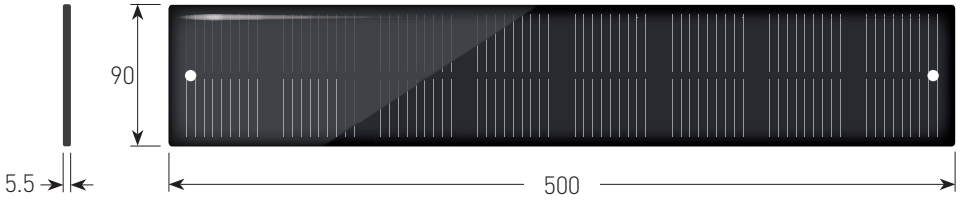


Solar panels

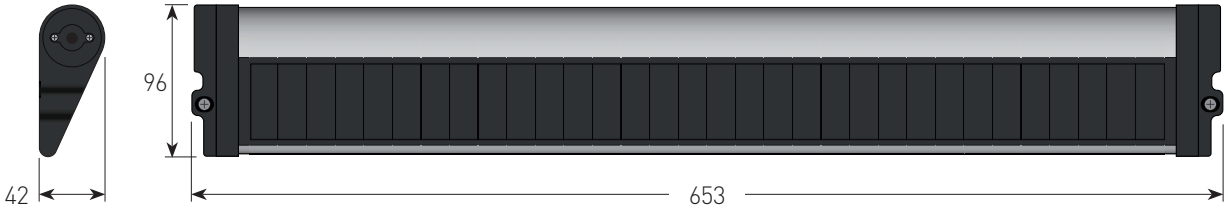
SPM18



SPM30



SPB18

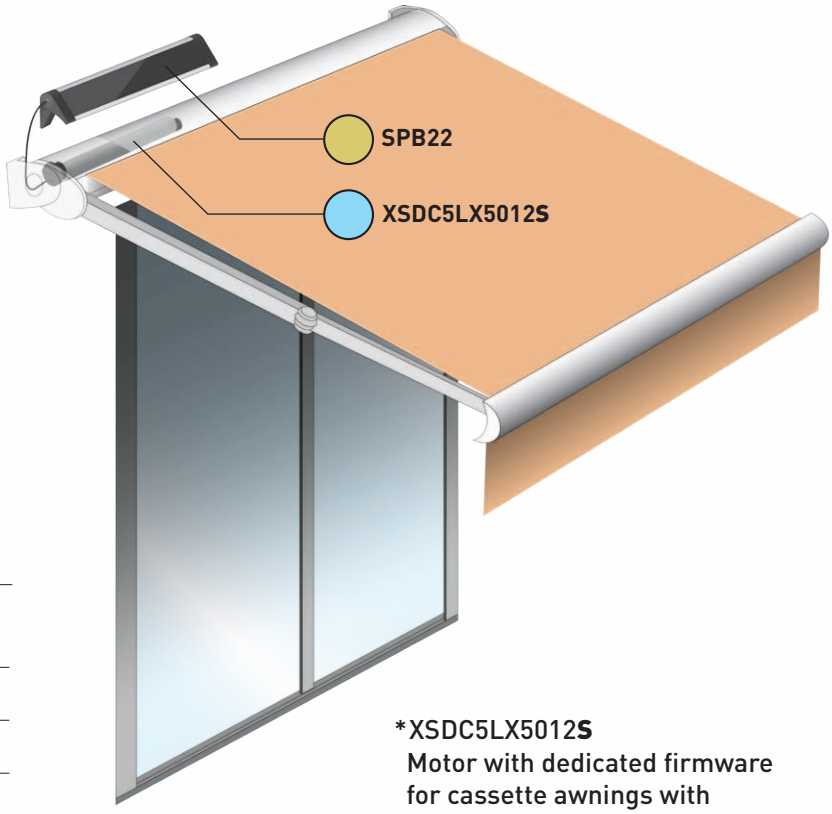


COMPONENTS AND TECHNICAL DETAILS

KIT **XSQBPLX5012 / XSQBPLX5012S*** SOLAR STATION (50 Nm)

Motors	Series	Torque	Speed	Solar Panel + Battery	Connectors	Limits	Power	Amps
XSDC5LX5012/S* Sileo	**XQ50**	50 Nm	12 rpm	**SPB22**	waterproof (cable 50 cm)	80	150 W	9.0 A

Solar Station	SPB22
Solar panel	
Max power current	305 mA
Max power Voltage	22 V
Maximum power	6.5 W
Protection	IP 55
Battery in alu profile	
Voltage	16.8V / Ni-MH
Capacity	4200 mAh
Working temperature	-20°C/+70°C



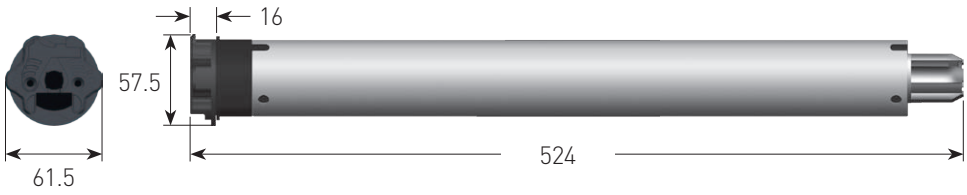
*XSDC5LX5012**S**
Motor with dedicated firmware for cassette awnings with reduced back-release

MOTOR TECHNICAL DETAILS

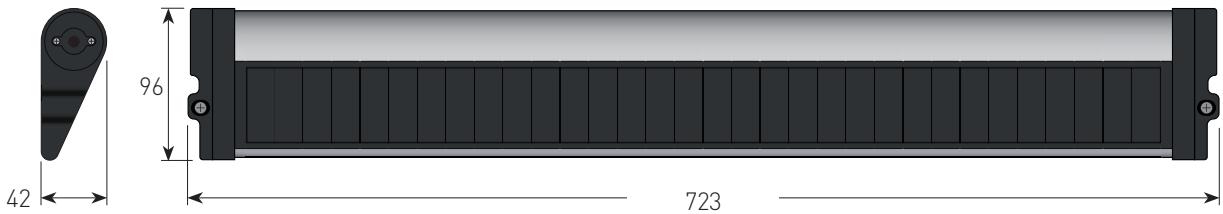
Power Supply	16.8 V
Working temp.	-10° C / +40° C
Duty rating	6 min
Radio frequency	868.30 MHz
Protection	IP44

DIMENSIONS mm

XSDC5LX5012
XSDC5LX5012S



SPB22



BATTERY CHARGER

BC18NH
Battery charger for NI-MH batteries
up to 5000mA

Input: 100-240 VAC - 50/60 Hz - 0.6 A Max
Output: 12/18VDC - 1.0 A
Dimensions: 45 x 84 x 30 mm
Cable length: 130 cm



OPTIONALS

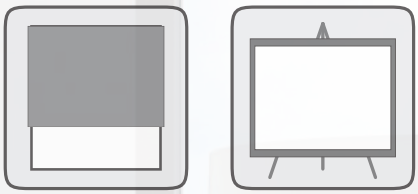


FLAX31W033
Extension cord with waterproof
connectors
(3 m)



FLAX13W105
2 m cable for connecting the **AUTONOMO**
5012 motors to the 18V power supply network
via transformer (not included)





ROLLER BLINDS
& PROJECTION SCREENS

The **silent Sileo** and the **super-silent Sileo XS motor ranges** have been especially designed for the roller blinds and projection screen markets. They perfectly represent the high level of engineering reached by Gaposa's R&D department. The high quality level granted by an advanced technology and by a proprietary firmware provides full control on the silence performance of each motor.

SileoXS DC SileoXS SileoXQ



SileoXS ULTRA QUIET MOTORISATION

Generating comfort

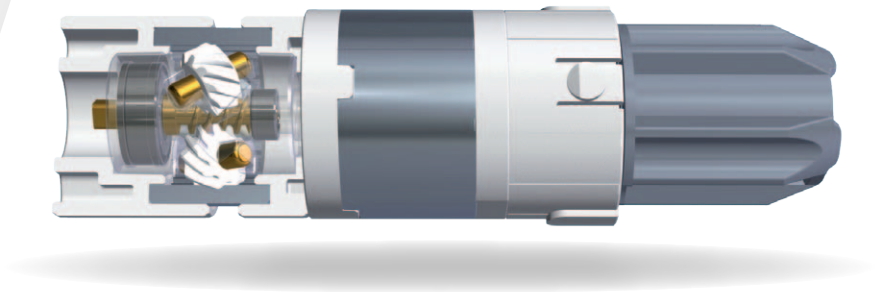
Users are increasingly aware of technologies available today for the natural light modulation and the direct sun protection.
They are demanding more and more comfort at their homes and at work and do not renounce to visual and acoustic comfort which strongly contribute to their well-being.
The Gaposa quiet and ultraquiet motors enable silent operation of the shades in full harmony with their movements.

SileoXS

Engineered with superior noise reduction technology

What makes the XS range so unique is the patented **planetary worm drive gearing, called *Gearing Revolution***. It provides an ultra quiet motor operation without any constraint in using dampening components inside the motor or silent blocks to absorb the shade's vibrations. This exclusive gearing technology is available in all DC and AC motors having the "XS" part number.

Worm-planetary gearing



XSDC main features:

- Quiet operation
- Constant and controlled speed
- Start and stop speed-ramps
- Power saving
- Easy limits setting
- Easy and safe wiring connection
- Dry contact inputs

Sound level

[1] Average value of sound pressure recorded in an acoustic room at a distance of 1 m.

Note
Transducer and acquisition hardware:
- ½-inch prepolarized free-field condenser microphone, 50mVPa
- 24 bits 102.4 kS/S ±10 V

DC MODELS	Torque (Nm)	Speed (rpm)	dB (A)[1]
XSDC3EX030B/BI/BC/BE	1.1	30	36
XSDC3EX226B/BI/BC/BE	2	26	38
XSDC3EX128 / XSDC3DX128	1.5	28	38
XSDC3EX228 / XSDC3DX228	2	28	38
XSDC4EX326B	3	18-28	/
XQDC4EX615B	6	15	39
XSDC5EX326B	3	26	34
XSDC5EX615B	6	15	39
XSDC5DX428	4	28	34

AC MODELS	Torque (Nm)	Speed (rpm)	dB (A)[1]
XS4EX330 / XS4E330 / XS4P330	3	30	39
XS4EX620 / XS4E620 / XS4P620	6	20	39
XS5EX530 / XS5E530 / XS5P530	5	30	42
XQ5EX926 / XQ5E926 / XQ5P926	9	26	46
XS5EX1030 / XS5E1030 / XS5P1030	10	30	44
XS5EX1530 / XS5E1530 / XS5P1530	15	30	44

SleoXS 30 DC

ULTRA QUIET MOTORISATION
BATTERY-OPERATED

XSDC3 **EX B**

Electronic encoded type with built-in radio receiver and Li-Ion battery



MAIN FEATURES

Models	XSDC3EX030B XSDC3EX030BI XSDC3EX030BC XSDC3EX030BE	XSDC3EX226B XSDC3EX226BI XSDC3EX226BC XSDC3EX226BE
Torque	1.1 Nm	2 Nm
Speed	30 rpm	26 rpm
Power	15 W	18 W
Amps	1.40 A	1.60 A
Limit switch	Electronic	Electronic
Max turns	70	70

TECHNICAL DATA

Voltage	12 VDC
Duty rating	6 min
Radio frequency	868.30 MHz
Protection	IP30
Working temperature	-10°C / +40°C
Insulation class	III

TYPE OF HEADS AVAILABLE

XSDC3EX030B
XSDC3EX226B



• Motor with compact head and integrated battery. External charging cable and antenna

XSDC3EX030BI
XSDC3EX226BI



• Motor with integrated battery. Integrated charging plug and antenna

XSDC3EX030BC
XSDC3EX226BC



• Motor with integrated battery. External charging cable and integrated antenna

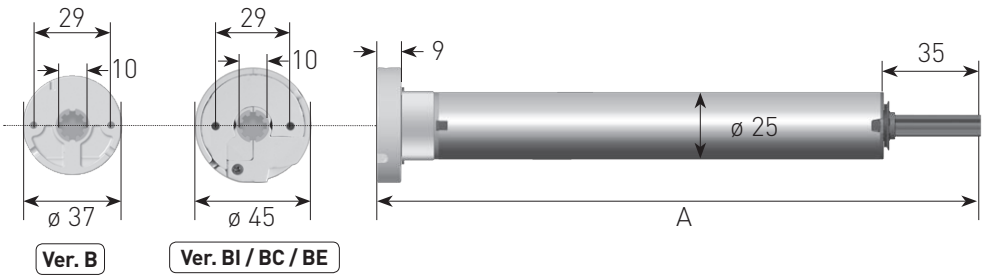
XSDC3EX030BE
XSDC3EX226BE



• Motor with external battery. Integrated charging plug and antenna

DIMENSIONS mm

Model	A
XSDC3EX030BI BC	532
XSDC3EX226BI BC	553
XSDC3EX030BE	335
XSDC3EX226BE	356
XSDC3EX030B	532
XSDC3EX226B	553



SileoXS 30 DC

ULTRA QUIET MOTORISATION
WITH EXTERNAL POWER SUPPLY

XSDC3 **EX**

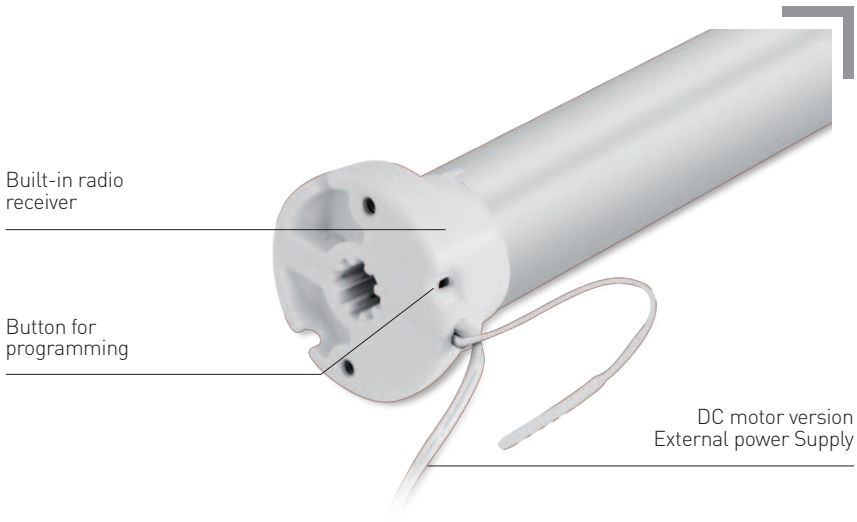
Electronic encoded type
with built-in radio receiver

XSDC3 **DX**

Electronic encoded type with built-in
radio receiver and dry contacts

XSDC3 **ED**

Electronic encoded
with dry contacts



MAIN FEATURES

Models	XSDC3EX128(L) XSDC3DX128(L) XSDC3ED128(L)	XSDC3EX228(L) XSDC3DX228(L) XSDC3ED228(L)
Torque	1.5 Nm	2 Nm
Speed	28 rpm	28 rpm
Power	22 W	25 W
Amps	0.90 A	1.10 A
Limit switch	Electronic	Electronic
Max turns	35	35

TECHNICAL DATA

Voltage	24 VDC
Duty rating	6 min
Radio frequency (type EX/DX)	868.30 MHz
Protection	IP30
Working temperature	-10°C / +40°C
Insulation class	III

TYPE OF HEADS AVAILABLE

XSDC3EX128
XSDC3DX128
XSDC3ED128
XSDC3EX228
XSDC3DX228
XSDC3ED228



• Motor with compact head and external antenna

XSDC3EX128L
XSDC3DX128L
XSDC3ED128L
XSDC3EX228L
XSDC3DX228L
XSDC3ED228L



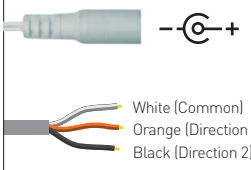
• Motor with integrated antenna

WIRING

Ver. EX
Power cable



Ver. ED / DX
Power cable +
Dry contact cable

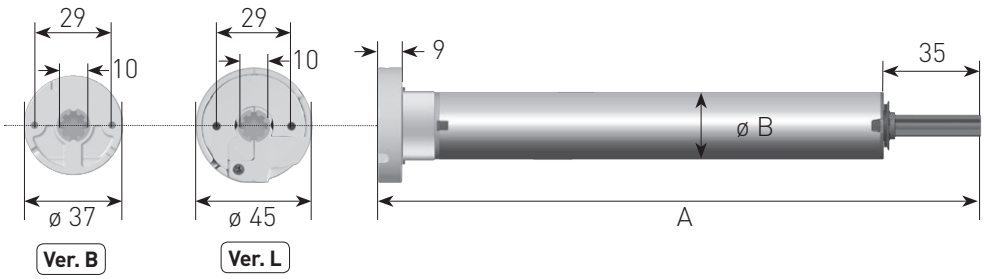


Maximum power cable lenght
(to guarantee characteristics)

AWG 14	60 m
AWG 16	35 m
AWG 18	25 m

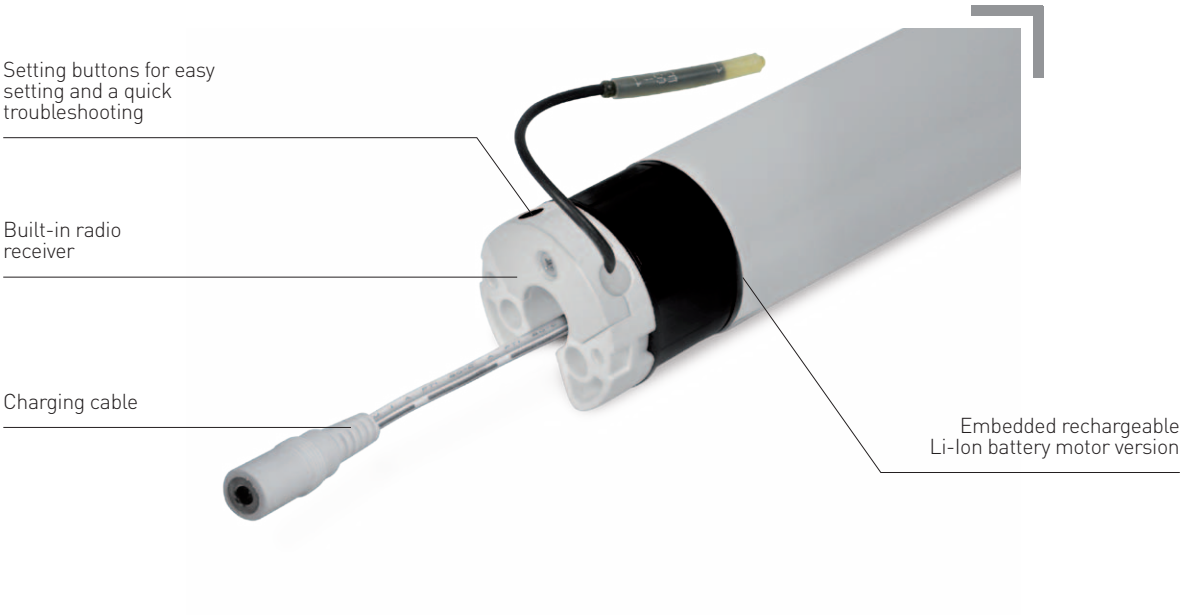
DIMENSIONS mm

Model	A	ø B
XSDC3EX128	349	25
XSDC3EX228	368	28
XSDC3DX128	349	25
XSDC3DX228	368	28
XSDC3ED128	349	25
XSDC3ED228	368	28



SleoXS 40 DC

ULTRA QUIET MOTORISATION
BATTERY-OPERATED



XSDC4 **EX B**

Electronic encoded type with built-in radio receiver and Li-Ion battery

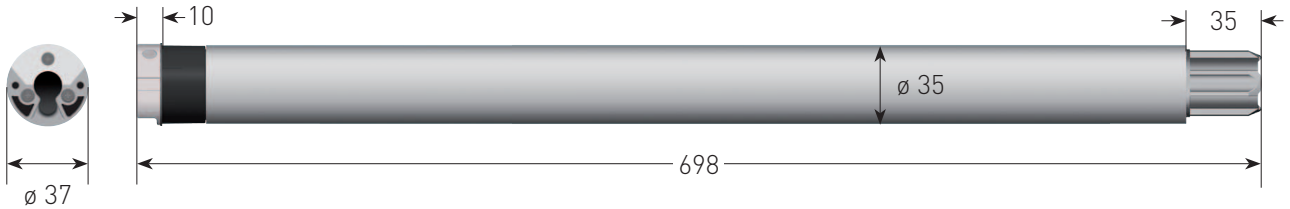
MAIN FEATURES

Models	XSDC4EX326B	XQDC4EX615B
	Embedded rechargeable Li-Ion battery motor	
Torque	3 Nm	6 Nm
Speed	18-28 rpm	15 rpm
Power	32 W	32 W
Amps	2.9 A	2.9 A
Limit switch	Electronic	Electronic
Max turns	55	34

TECHNICAL DATA

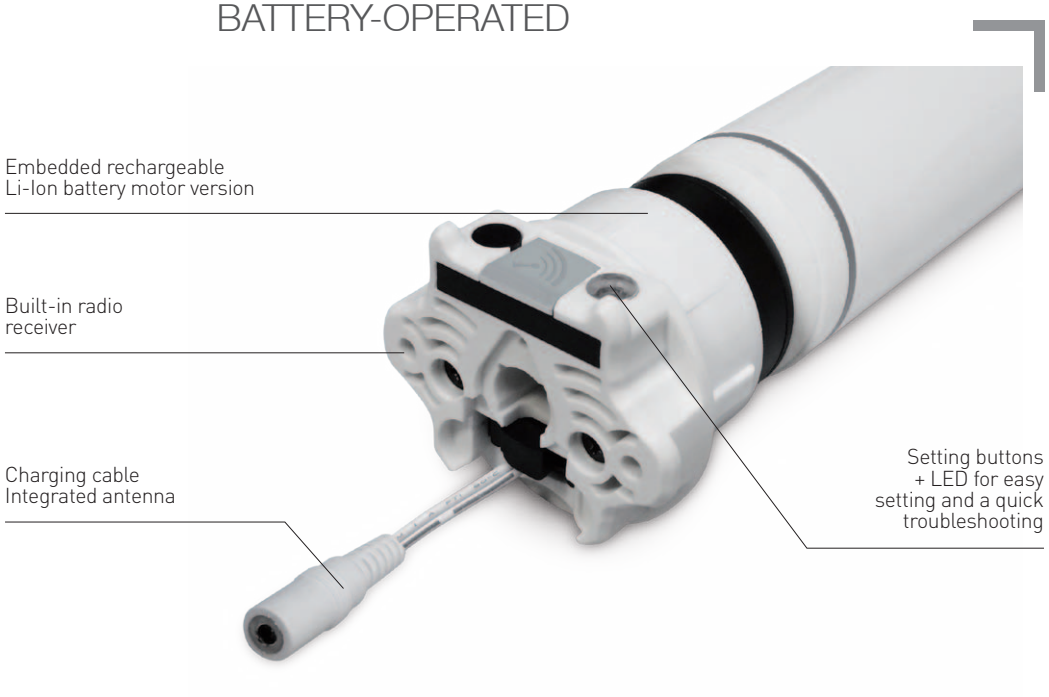
Voltage	12 VDC
Duty rating	6 min
Radio frequency	868.30 MHz
Protection	IP30
Working temperature	-10°C / +40°C
Insulation class	III

DIMENSIONS mm



SleoXS 50 DC

ULTRA QUIET MOTORISATION
BATTERY-OPERATED



XSDC5 **EX B**

Electronic encoded type with built-in radio receiver and Li-Ion battery

MAIN FEATURES

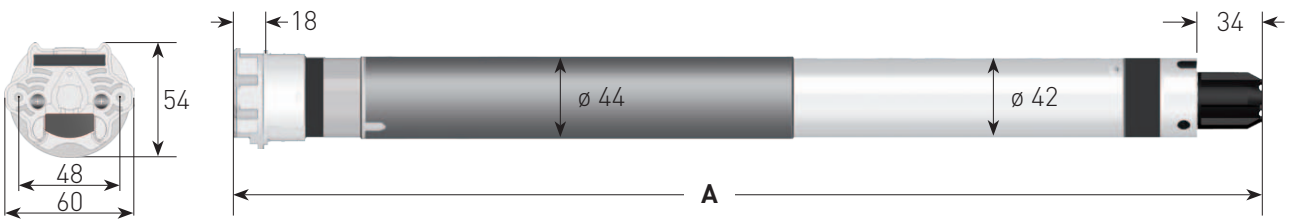
Models	Embedded rechargeable Li-Ion battery motor	
	XSDC5EX326B	**XSDC5EX615B**
Torque	3 Nm	6 Nm
Speed	26 rpm	15 rpm
Power	32 W	32 W
Amps	2.9 A	2.9 A
Limit switch	Electronic	Electronic
Max turns	55	34

TECHNICAL DATA

Voltage	12 VDC
Duty rating	6 min
Radio frequency	868.30 MHz
Protection	IP30
Working temperature	-10°C / +40°C
Insulation class	III

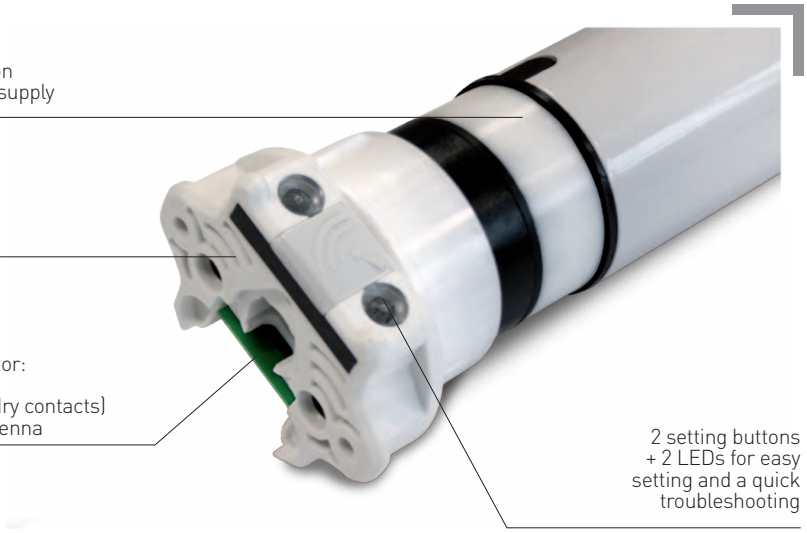
DIMENSIONS mm

Model	A
XSDC5EX326B	573
XSDC5EX615B	576



SileoXS 50 DC

ULTRA QUIET MOTORISATION
WITH EXTERNAL POWER SUPPLY



XSDC5 **DX**

Electronic encoded type with built-in radio receiver and dry contacts

MAIN FEATURES

Models	XSDC5DX428	XSDC5DX815
	DC motor External power Supply	
Torque	4 Nm	8 Nm
Speed	28 rpm	15 rpm
Power	46 W	60 W
Amps	2 A	2.5 A
Limit switch	Electronic	Electronic
Max turns	55	34

OPTIONAL

FLAX13W070

Plug-in power cable for XSDC50 motor without dry contacts

27.5 cm



TECHNICAL DATA

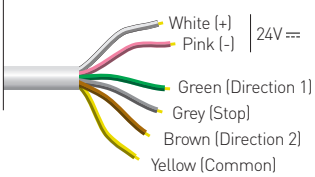
Voltage	24 VDC
Duty rating	6 min
Radio frequency (type DX)	868.30 MHz
Protection	IP30
Working temperature	-10°C / +40°C
Insulation class	III

DIMENSIONS mm

Model	A
XSDC5DX428	511
XSDC5DX815	514

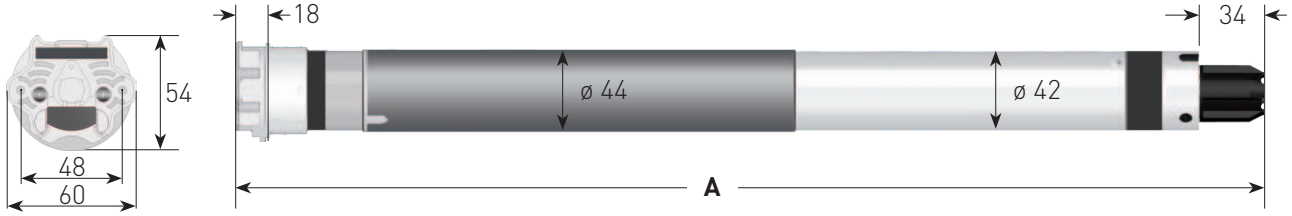
WIRING

Power/Dry contact cable (1,5 m)



Maximum power cable length
(to guarantee characteristics)

AWG 14	35 m
AWG 16	20 m
AWG 18	15 m



Motor chart selection

SileoXS 30 DC

		XSDC30 030B[1]	XSDC30 226B[1]	XSDC30 128	XSDC30 228[2]
ø Tube	**type**	**Max blind weight** (fabric + bottom bar)			
29 mm	Benthin	5,6 kg	10,5 kg	7,6 kg	/
32 mm	Benthin	5,1 kg	9,3 kg	7 kg	9,3 kg
38 mm	Rollease	4,2 kg	7,6 kg	5,8 kg	7,6 kg

SileoXS 40 DC

		XSDC40 326B [1]	XSDC40 326	XSDC40 615B
ø Tube	**type**	**Max blind weight** (fabric + bottom bar)		
40 mm	Round	10,8 kg	15 kg	17,4 kg
44 mm	Round	9,8 kg	13.6 kg	14.5 kg
50 mm	Round	8.7 kg	12 kg	12,4 kg

SileoXS 50 DC

		XSDC50 326B	XSDC50 615B	XSDC50 428	XSDC50 815
ø Tube	**type**	**Max blind weight** (fabric + bottom bar)			
50 mm	Round	8,7 kg	17,4 kg	12 kg	24 kg
60 mm	Round	7,2 kg	14.5 kg	10,2 kg	20,5 kg
70 mm	Round	6,2 kg	12,4 kg	8,7 kg	17,5 kg

[1] Weight of the blind has great influence in the max number of cycles the Li-Ion battery operated motor performs every recharge.
[2] 28 mm tube motor

An operating friction factor is taken into account. The data are theoretical and do not consider extra friction due to fabricator/installer mistakes.
Tube selection should take into consideration the max allowed deflection which varies with weight and width of the blind.

Accessories

BC12

Li-Ion battery charger
Input: 100-240 VAC - 50/60 Hz - 0.5 A Max
Output: 12.6 VDC - 1000 mA
Dimensions: 40 x 58 x 32 mm
Cable length: 300 cm

Suitable for motors:

XSDC3EX228B / XSDC3EX228BI
XSDC3EX030B / XSDC3EX030BI

XSDC4EX326B
XQDC4EX615B

XSDC5EX326B
XSDC5EX615B



TRASDC3

Switching power supply 2 Amps
Input: 100-240 VAC - 50/60 Hz - 1.5 A Max
Output: 24 VDC - 2.0 A
Dimensions: 46 x 88 x 38 mm
Cable length: 300 cm

Suitable for motors:

XSDC3EX128 (L)
XSDC3EX228 (L)

XSDC3ED128 (L)
XSDC3ED228 (L)

XSDC3DX128 (L)
XSDC3DX228 (L)



PLUG.EU



PLUG.US



PLUG.AU

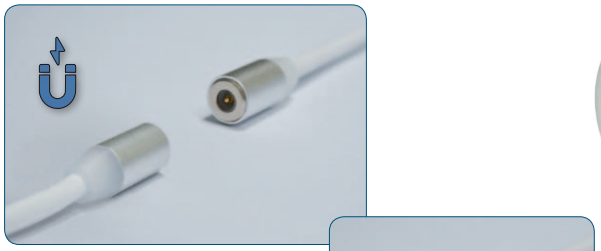


PLUG.UK

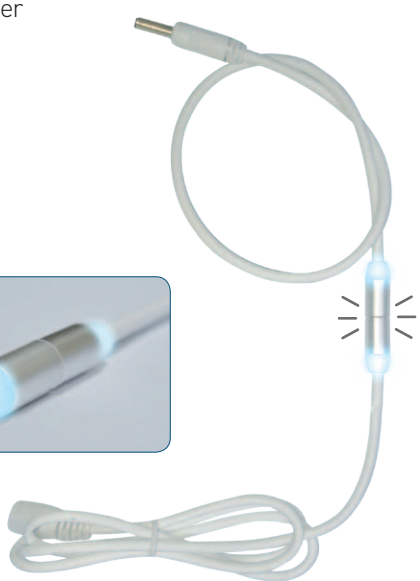


FLAXMC-LI

Charging kit with magnetic LED connectors
in combination with BC12 battery charger
(not included)



The charger is connected to the motor by bringing the two magnetic terminals closer together. Once the charge is complete, simply pull lightly to disconnect them. The magnetic connector LED indicates the charging status.



FLAX14W007.L1 (15,5 cm)
FLAX14W007.L2 (122 cm)
FLAX14W007.L3 (244 cm)

Power cord extension with plugs
(for **AUTONOMO** motors)

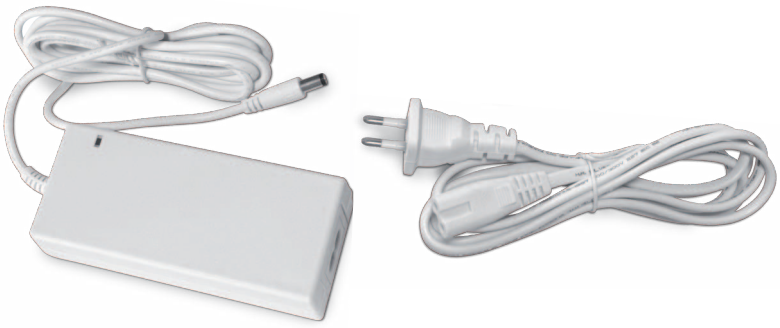


TRAS.230

Switching power supply 2,5 Amps
Input: 100-240 VAC - 50/60 Hz
Output: 24 VDC 2.5 A
Dimensions: 117 x 51 x 32 mm
Cable length: 180+165 cm

Suitable for motors:

XSDC5DX815
XSDC5DX428



SPM10
Photovoltaic monocristalin panel
Max power current: 100 mA
Max power Voltage: 18 V
Maximum power: 1.8 W
Dimensions: 292 x 48 x 10 mm
Cable length: 60 cm



Solar panel specially designed to be installed indoors. Perfect when there is no power outlet available.

Power distribution panels 24V DC



ARM**4**

Power supply for 4 XSDC30 motors

Technical details

Input voltage	100-240Vac 50/60Hz - 3.6 A
Output	4x 24 VDC - 10 A
Motor connections	4
Working temperature	-30°C /+70°C
Dimensions	133 x 208 x 80 mm



ARM**5**

Power supply for 5 motors with dry contact input for each motor and for group control

Technical details

Input voltage - Amps	100-120Vac 50/60Hz - 6.0 A
	200-240Vac 50/60Hz - 4.8 A
Output Voltage	5 x 24 VDC - 10 A
Motor connections	5 DC power + 5 Dry contacts
Working temperature	-30°C /+70°C
Protection fuse	4.0 A
Dimensions	305 x 210 x 120 mm

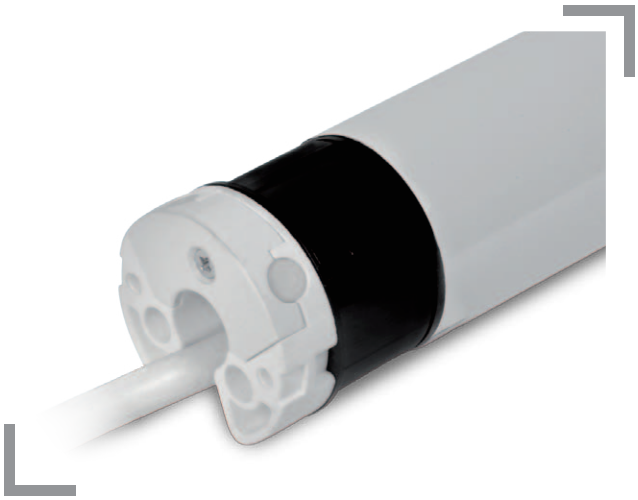
SleoXS 40

Line voltage X-quiet tubular motors

XS4EX Electronic encoded with built-in radio receiver

XS4E Electronic encoded

XS4P Mechanical limit switch

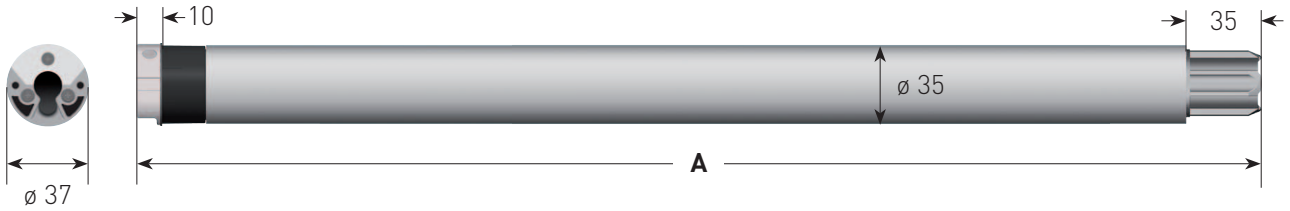


MAIN FEATURES

Models	XS4EX330 XS4E330 XS4P330	XS4EX620 XS4E620 XS4P620	XS4EX908 XS4E908 XS4P908
Torque	3 Nm	6 Nm	9 Nm
Speed	30 rpm	20 rpm	8 rpm
Power	**100 W**	**140 W**	**100 W**
Amps	0.40 A	0.60 A	0.40 A
Max turns (EX/E - P)	160 - 40	160 - 40	160 - 40

DIMENSIONS mm

Model	A	Model	A	Model	A
XS4EX330	597	XS4EX620	632	XS4EX908	622
XS4E330	597	XS4E620	632	XS4E908	622
XS4P330	507	XS4P620	543	XS4P908	535



TECHNICAL DATA

Power Supply	230 VAC / 50 Hz
Working temperature	-10°C / +40°C
Duty rating	4 min
Radio frequency (type EX)	868.30 MHz
Protection	IP44

WIRING

Standard cable length 2.5 m

- 0.75 mm² Blue - Neutral
- 0.75 mm² Yellow/Green - Ground
- 0.75 mm² Brown
- 0.75 mm² Black (in the E/P version only)

SileoXS 50

Line voltage X-quiet tubular motors

XS5EX Electronic encoded with built-in radio receiver with integrated antenna

XS5E Electronic encoded

XS5P Mechanical limit switch

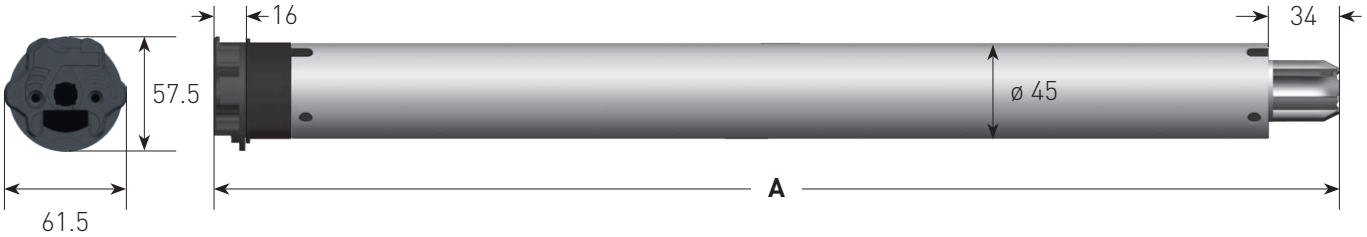


MAIN FEATURES

Models	XS5EX530 XS5E530 XS5P530	XS5EX1030 XS5E1030 XS5P1030	XS5EX1530 XS5E1530 XS5P1530
Torque	5 Nm	10 Nm	15 Nm
Speed	30 rpm	30 rpm	30 rpm
Power	130 W	**185 W**	220 W
Amps	0.60 A	0.90 A	1.10 A
Max turns (EX/E - P)	80 - 28	80 - 28	80 - 28

DIMENSIONS mm

Model	A	Model	A		
XS5EX530	540	XS5EX1030	570	XS5EX1530	605
XS5E530	540	XS5E1030	570	XS5E1530	605
XS5P530	501	XS5P1030	531	XS5P1530	566



TECHNICAL DATA

Power Supply	230 VAC / 50 Hz
Working temperature	-10°C / +40°C
Duty rating	4 min
Radio frequency (type EX)	868.30 MHz
Protection	IP44

WIRING

Standard cable length	2.5 m
0.75 mm²	Blue - Neutral
0.75 mm²	Yellow/Green - Ground
0.75 mm²	Brown
0.75 mm²	Black (in the E/P version only)

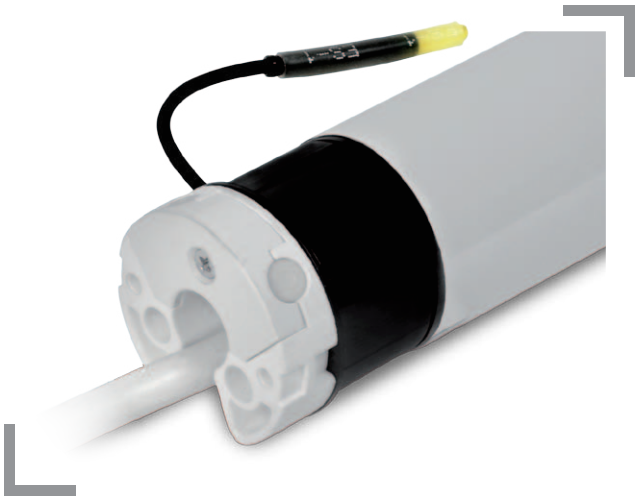
Sleo XQ 40

Line voltage quiet tubular motors

XQ4EX Electronic encoded with built-in radio receiver

XQ4E Electronic encoded

XQ4P Mechanical limit switch

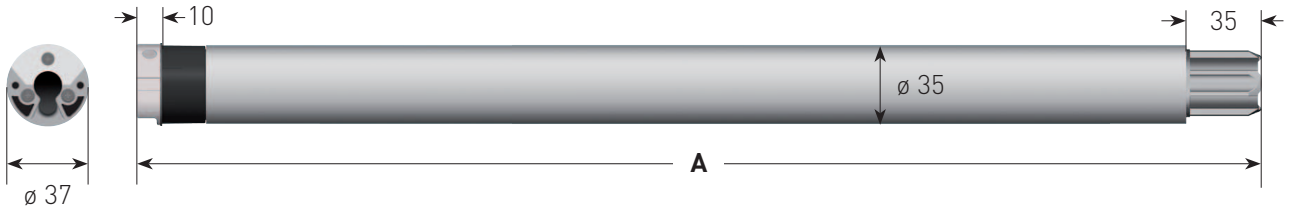


MAIN FEATURES

Models	XQ4EX148 XQ4E148 XQ4P148	XQ4EX333 XQ4E333 XQ4P333	XQ4EX426 XQ4E426 XQ4P426
Torque	1 Nm	3 Nm	4 Nm
Speed	48 rpm	33 rpm	26 rpm
Power	**100 W**	**100 W**	**100 W**
Amps	0.40 A	0.40 A	0.40 A
Max turns (EX/E - P)	160 - 40	160 - 40	160 - 40

DIMENSIONS mm

Model	A	Model	A	Model	A
XQ4EX148	577	XQ4EX333	597	XQ4EX426	597
XQ4E148	577	XQ4E333	597	XQ4E426	597
XQ4P148	487	XQ4P333	507	XQ4P426	507



TECHNICAL DATA

Power Supply	230 VAC / 50 Hz
Working temperature	-10°C / +40°C
Duty rating	4 min
Radio frequency (type EX)	868.30 MHz
Protection	IP44

WIRING

Standard cable length 2.5 m

- 0.75 mm² Blue - Neutral
- 0.75 mm² Yellow/Green - Ground
- 0.75 mm² Brown
- 0.75 mm² Black (in the E/P version only)

Sileo XQ 50

Line voltage quiet tubular motors

XQ5EX Electronic encoded with built-in radio receiver with integrated antenna

XQ5E Electronic encoded

XQ5P Mechanical limit switch

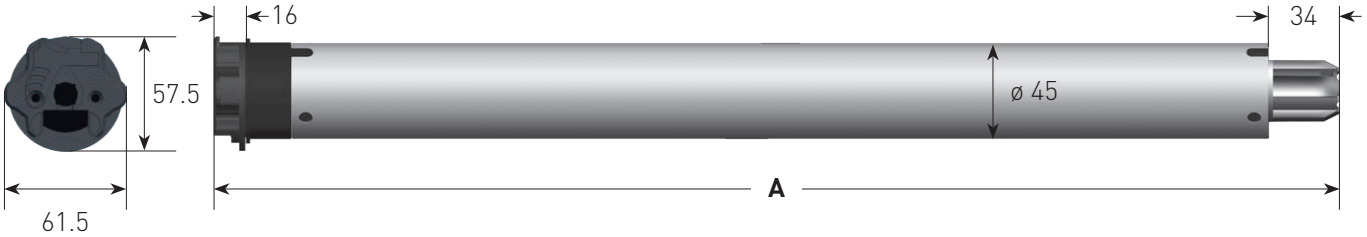


MAIN FEATURES

Models	XQ5EX626 XQ5E626 XQ5P626	XQ5EX674 XQ5E674 XQ5P674	XQ5EX926 XQ5E926 XQ5P926
Torque	6 Nm	6 Nm	9 Nm
Speed	26 rpm	74 rpm	26 rpm
Power	130 W	**220 W**	**185 W**
Amps	0.60 A	1.20 A	0.80 A
Max turns (EX/E - P)	80 - 28	80 - 28	80 - 28

DIMENSIONS mm

Model	A	Model	A	Model	A	Model	A
XQ5EX626	552	XQ5EX674	582	XQ5EX926	582		
XQ5E626	552	XQ5E674	582	XQ5E926	582		
XQ5P626	513	XQ5P674	543	XQ5P926	543		



TECHNICAL DATA

Power Supply	230 VAC / 50 Hz
Working temperature	-10°C / +40°C
Duty rating	4 min
Radio frequency (type EX)	868.30 MHz
Protection	IP44

WIRING

Standard cable length	2.5 m
0.75 mm²	Blue - Neutral
0.75 mm²	Yellow/Green - Ground
0.75 mm²	Brown
0.75 mm²	Black (in the E/P version only)





VENETIAN BLINDS

Venetian blinds require the perfect combination of speed and torque. Pushing further the limits, Gaposa also offers a silent solution with the **SILEO XS motor**.

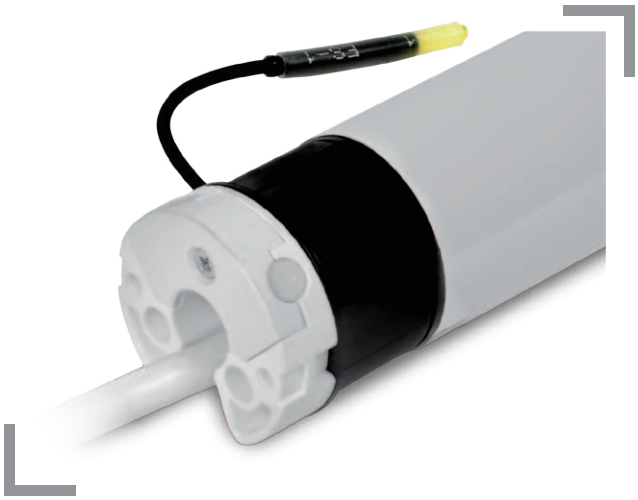
SleoXS 40

Quiet tubular motors for venetian blinds

XS4EX Electronic encoded with built-in radio receiver

XS4E Electronic encoded

XS4P Mechanical limit switch

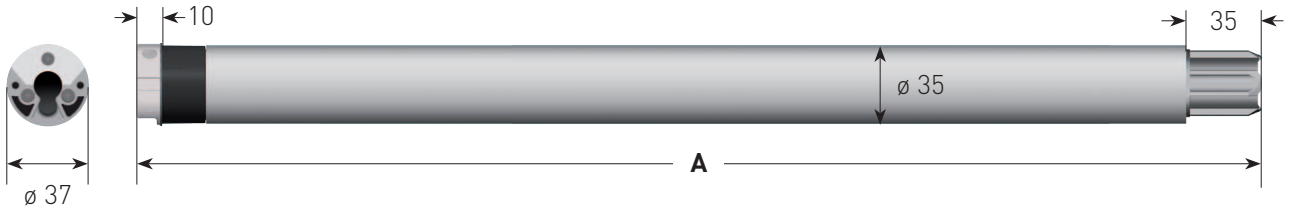


MAIN FEATURES

Models	XS4EX620 XS4E620 XS4P620	XS4EX908 XS4E908 XS4P908
Torque	6 Nm	9 Nm
Speed	20 rpm	8 rpm
Power	**140 W**	**100 W**
Amps	0.60 A	0.40 A
Max turns (EX/E - P)	70 - 35	160 - 40

DIMENSIONS mm

Model	A	Model	A
XS4EX620	632	XS4EX908	622
XS4E620	632	XS4E908	622
XS4P620	543	XS4P908	535



TECHNICAL DATA

Power Supply	230 VAC / 50 Hz
Working temperature	-10°C / +40°C
Duty rating	4 min
Radio frequency (type EX)	868.30 MHz
Protection	IP44

WIRING

Standard cable length 2.5 m

- 0.75 mm² Blue - Neutral
- 0.75 mm² Yellow/Green - Ground
- 0.75 mm² Brown
- 0.75 mm² Black (in the E/P version only)

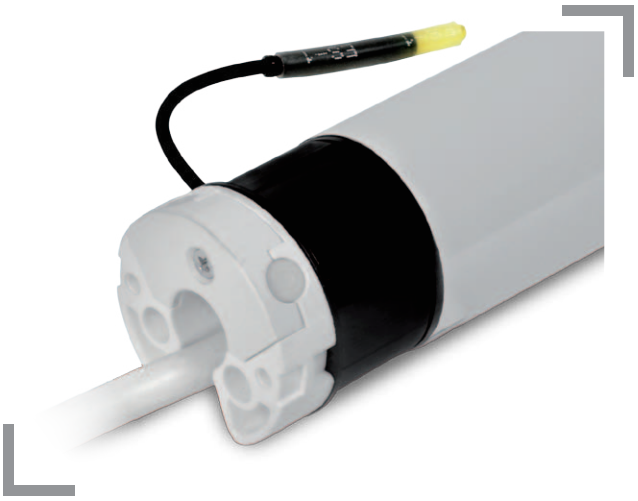
XQ40

Tubular motors for venetian blinds

XQ4EX
Electronic encoded with built-in radio receiver

XQ4E
Electronic encoded

XQ4P
Mechanical limit switch

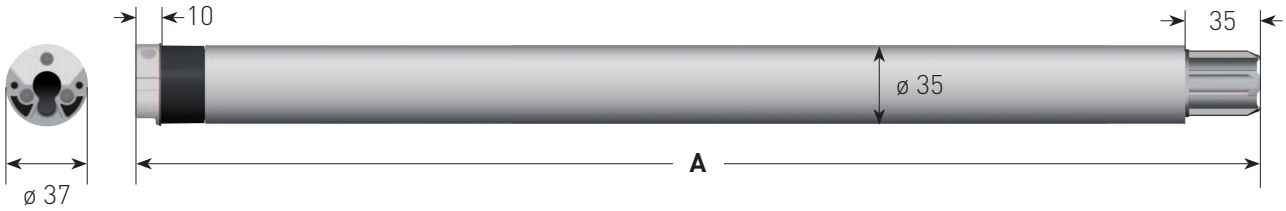


MAIN FEATURES

Models	XQ4EX914 XQ4E914 XQ4P914
Torque	9 Nm
Speed	14 rpm
Power	**140 W**
Amps	0.60 A
Max turns (EX/E - P)	160 - 40

DIMENSIONS mm

Model	A
XQ4EX914	617
XQ4E914	617
XQ4P914	527



TECHNICAL DATA

Power Supply	230 VAC / 50 Hz
Working temperature	-10°C / +40°C
Duty rating	4 min
Radio frequency (type EX)	868.30 MHz
Protection	IP44

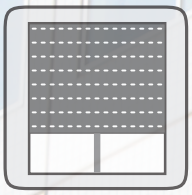
WIRING

Standard cable length 2.5 m

- 0.75 mm² Blue - Neutral
- 0.75 mm² Yellow/Green - Ground
- 0.75 mm² Brown
- 0.75 mm² Black (in the E/P version only)



GAPOSA



SHUTTERS

For roller shutters, Gaposa offers the widest choice of models to answer any application and market requirement. We have tried to answer all needs by offering different features such as a choice of limit setting options, obstacle detection, torque sensing or smooth stop at the top limit. Perfectly integrated in the Gaposa radio automation environment all of our motors can be combined with a wide range of electronic devices.

XS 50 PREMIUM HT

XQ

GAPOSA

XS 50 PREMIUM HT

Ultra Quiet High Torque Tubular Motors



XS 50 PREMIUM HT

Designed to motorize medium to large roller shades.

Silent, powerful, and innovative, made with the exclusive planetary worm drive gear.

Available in both wireless and hardwired configurations for flexible installation options.

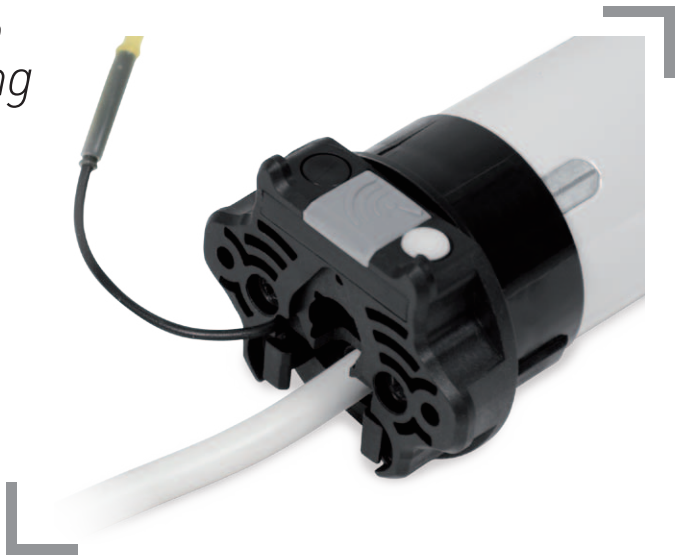
Experience the power of the XS PREMIUM HT range - engineered to run 7dB quieter than standard models for a smoother performance.

XS PERFORMANCE
6 Nm at 17 rpm
10 Nm at 17 rpm
20 Nm at 17 rpm

Sound level:
< 39dB

XS 50 sense PREMIUM HT

Silent tubular motors with obstacle detection and automatic limit setting



XS 5NX Electronic encoded with built-in radio receiver with integrated antenna

XS 5N Electronic encoded

MAIN FEATURES

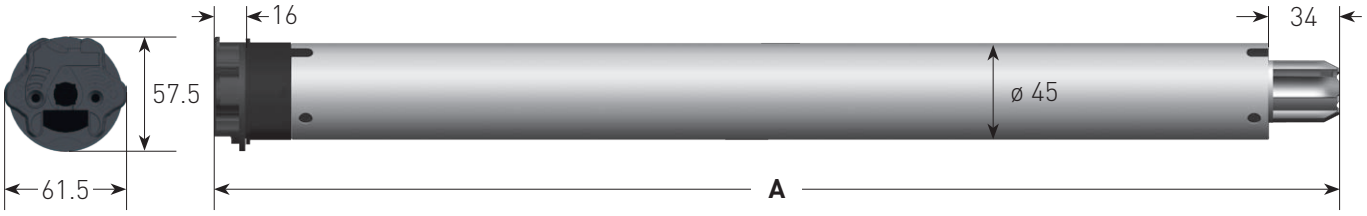
Models	XS5NX617-0 XS5N617	XS5NX1017-0 XS5N1017	XS5NX2017-0 XS5N2017
Torque	6 Nm	10 Nm	20 Nm
Speed	17 rpm	17 rpm	17 rpm
Power	130 W	140 W	**180 W**
Amps	0.60 A	0.70 A	0.90 A
Max turns	80	80	80

sense SMART FEATURES

- Downwards high sensitive obstacle detection
- Reverse function when an obstacle is detected
- Overload protection upwards
- 3 limit setting modes: automatic, semi-automatic, manual
- Self-learning limit positions when set in automatic mode
- Motor reset and deactivation of the sense mode by using the normal switch
- Smooth stop against the upper limit

DIMENSIONS mm

Model	A	Model	A	Model	A
XS5NX617-0	556	XS5NX1017-0	561	XS5NX2017-0	586
XS5N617	556	XS5N1017	561	XS5N2017	586



TECHNICAL DATA

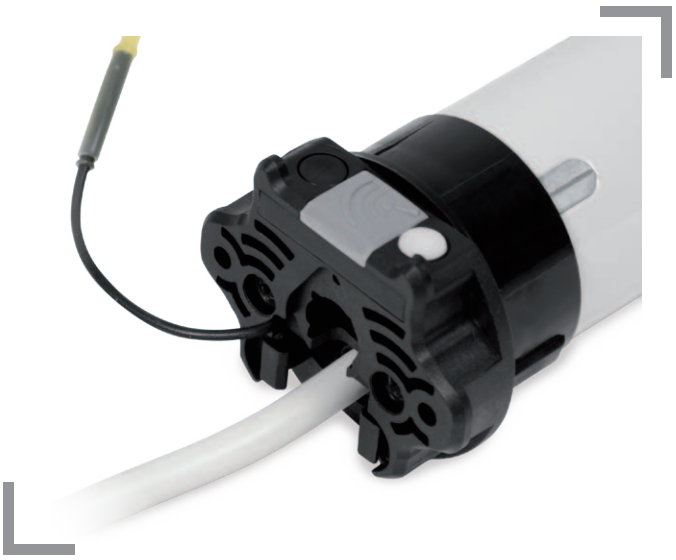
Power Supply	230 VAC / 50 Hz
Working temperature	-10°C / +40°C
Duty rating	4 min
Radio frequency (type NX)	868.30 MHz
Protection	IP44

WIRING

Standard cable length	2.5 m
0.75 mm²	Blue - Neutral
0.75 mm²	Yellow/Green - Ground
0.75 mm²	Brown
0.75 mm²	Black (in the N version only)

XS 50 PREMIUM HT

Line voltage tubular motors



XS 5EX Electronic encoded with built-in radio receiver with integrated antenna

XS 5E Electronic encoded

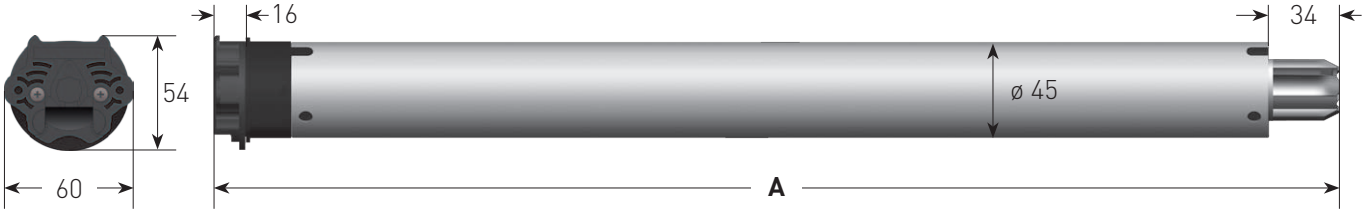
XS 5P Mechanical limit switch

MAIN FEATURES

Models	XS5EX617-0 XS5E617 XS5P617	XS5EX1017-0 XS5E1017 XS5P1017	XS5EX2017-0 XS5E2017 XS5P2017
Torque	6 Nm	10 Nm	20 Nm
Speed	17 rpm	17 rpm	17 rpm
Power	130 W	140 W	**180 W**
Amps	0.60 A	0.70 A	0.90 A
Max turns	80-28	80-28	80-28

DIMENSIONS mm

Model	A	Model	A	Model	A
XS5EX617-0	556	XS5EX1017-0	561	XS5EX2017-0	586
XS5E617	556	XS5E1017	561	XS5E2017	586
XS5P617	517	XS5P1017	522	XS5P2017	547



TECHNICAL DATA

Power Supply	230 VAC / 50 Hz
Working temperature	-10°C / +40°C
Duty rating	4 min
Protection	IP44

WIRING

Standard cable length	2.5 m
0.75 mm²	Blue - Neutral
0.75 mm²	Yellow/Green - Ground
0.75 mm²	Brown
0.75 mm²	Black (in the P/E version only)

XQ 50 sense

Tubular motors with obstacle detection and automatic limit setting



XQ5NX Electronic encoded with built-in radio receiver with integrated antenna

XQ5N Electronic encoded

MAIN FEATURES

Models	XQ5NX617 XQ5N617	XQ5NX1017 XQ5N1017	XQ5NX2017 XQ5N2017
Torque	6 Nm	10 Nm	20 Nm
Speed	17 rpm	17 rpm	17 rpm
Power	130 W	135 W	**185 W**
Amps	0.60 A	0.70 A	0.90 A
Max turns	80	80	80

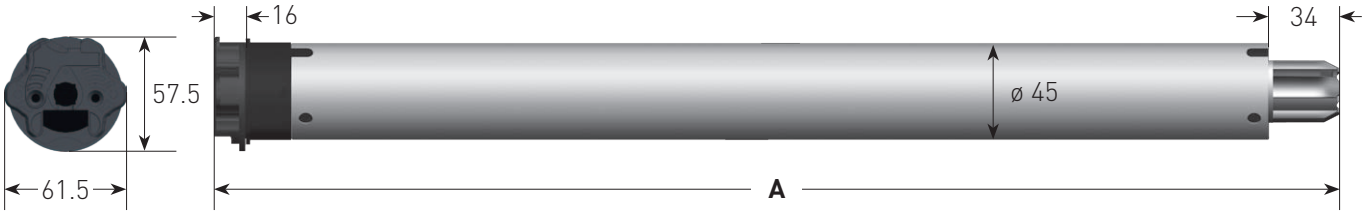
Models	XQ5NX3017 XQ5N3017	XQ5NX4017 XQ5N4017	XQ5NX5012 XQ5N5012
Torque	30 Nm	40 Nm	50 Nm
Speed	17 rpm	17 rpm	12 rpm
Power	**220 W**	**265 W**	**260 W**
Amps	1.20 A	1.50 A	1.50 A
Max turns	80	80	80

sense SMART FEATURES

- Downwards high sensitive obstacle detection
- Reverse function when an obstacle is detected
- Overload protection upwards
- 3 limit setting modes: automatic, semi-automatic, manual
- Self-learning limit positions when set in automatic mode
- Motor reset and deactivation of the sense mode by using the normal switch
- Smooth stop against the upper limit

DIMENSIONS mm

Model	A	Model	A	Model	A
XQ5NX617	534	XQ5NX1017	539	XQ5NX2017	564
XQ5N617	534	XQ5N1017	539	XQ5N2017	564
XQ5NX3017	616	XQ5NX4017	622	XQ5NX5012	622
XQ5N3017	616	XQ5N4017	622	XQ5N5012	622



TECHNICAL DATA

Power Supply	230 VAC / 50 Hz
Working temperature	-10°C / +40°C
Duty rating	4 min
Radio frequency (type NX)	868.30 MHz
Protection	IP44

WIRING

Standard cable length	2.5 m
0.75 mm²	Blue - Neutral
0.75 mm²	Yellow/Green - Ground
0.75 mm²	Brown
0.75 mm²	Black (in the N version only)

XQ50

Line voltage tubular motors



XQ5EX Electronic encoded with built-in radio receiver with integrated antenna

XQ5E Electronic encoded

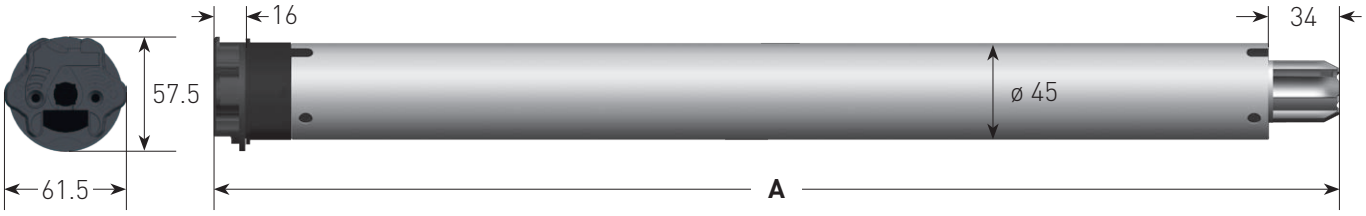
MAIN FEATURES

Models	XQ5EX617 XQ5E617	XQ5EX1017 XQ5E1017	XQ5EX2017 XQ5E2017
Torque	6 Nm	10 Nm	20 Nm
Speed	17 rpm	17 rpm	17 rpm
Power	130 W	135 W	**185 W**
Amps	0.60 A	0.70 A	0.90 A
Max turns	80	80	80

Models	XQ5EX3017 XQ5E3017	XQ5EX4017 XQ5E4017	XQ5EX5012 XQ5E5012
Torque	30 Nm	40 Nm	50 Nm
Speed	17 rpm	17 rpm	12 rpm
Power	**220 W**	**265 W**	**260 W**
Amps	1.20 A	1.50 A	1.50 A
Max turns	80	80	80

DIMENSIONS mm

Model	A	Model	A	Model	A
XQ5EX617	534	XQ5EX1017	539	XQ5EX2017	564
XQ5E617	534	XQ5E1017	539	XQ5E2017	564
XQ5EX3017	616	XQ5EX4017	622	XQ5EX5012	622
XQ5E3017	616	XQ5E4017	622	XQ5E5012	622



TECHNICAL DATA

Power Supply	230 VAC / 50 Hz
Working temperature	-10°C / +40°C
Duty rating	4 min
Radio frequency (type EX)	868.30 MHz
Protection	IP44

WIRING

Standard cable length	2.5 m
0.75 mm²	Blue - Neutral
0.75 mm²	Yellow/Green - Ground
0.75 mm²	Brown
0.75 mm²	Black (in the E version only)

XQ50

Line voltage tubular motors



XQ5BX

Electronic encoded with built-in radio receiver and wired control

MAIN FEATURES

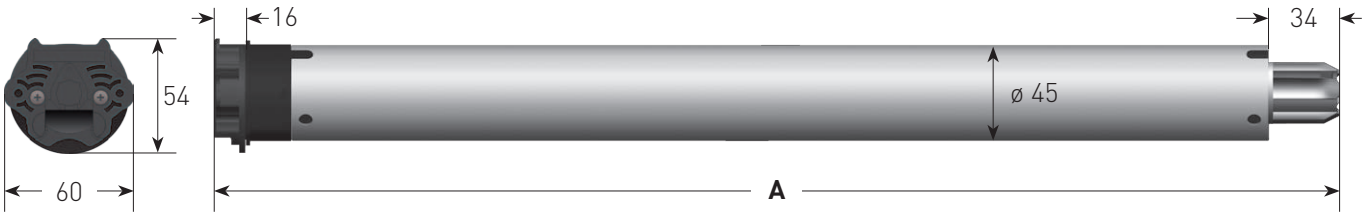
Models	XQ5BX617	XQ5BX1017	XQ5BX2017
Torque	6 Nm	10 Nm	20 Nm
Speed	17 rpm	17 rpm	17 rpm
Power	130 W	135 W	**185 W**
Amps	0.60 A	0.70 A	0.90 A
Max turns	80	80	80

Models	XQ5BX3017	XQ5BX4017	XQ5BX5012
Torque	30 Nm	40 Nm	50 Nm
Speed	17 rpm	17 rpm	12 rpm
Power	**220 W**	**265 W**	**260 W**
Amps	1.20 A	1.50 A	1.50 A
Max turns	80	80	80

The additional conductor in the power cable enables motor operation both by radio or pushbutton.

DIMENSIONS mm

Model	A	Model	A	Model	A
XQ5BX617	534	XQ5BX1017	539	XQ5BX2017	564
XQ5BX3017	616	XQ5BX4017	622	XQ5BX5012	622



TECHNICAL DATA

Power Supply	230 VAC / 50 Hz
Working temperature	-10°C / +40°C
Duty rating	4 min
Protection	IP44

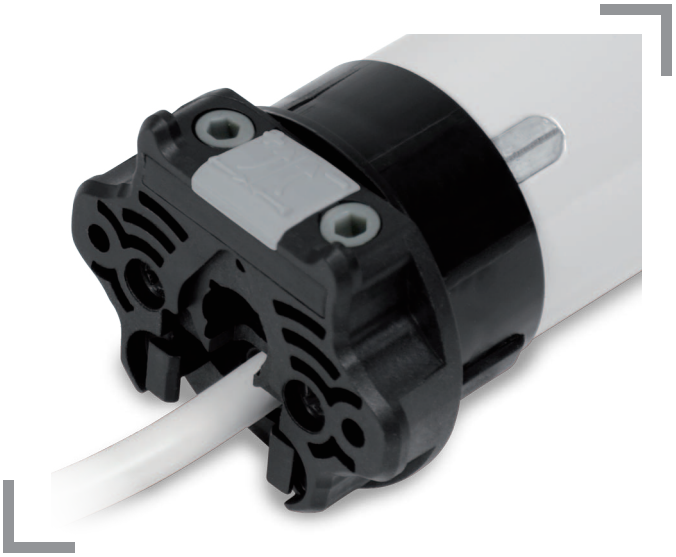
WIRING

Standard cable length	2.5 m
0.75 mm²	Blue - Neutral
0.75 mm²	Yellow/Green - Ground
0.75 mm²	Brown
0.75 mm²	Black

XQ50

Line voltage tubular motors

XQ5P Mechanical limit switch



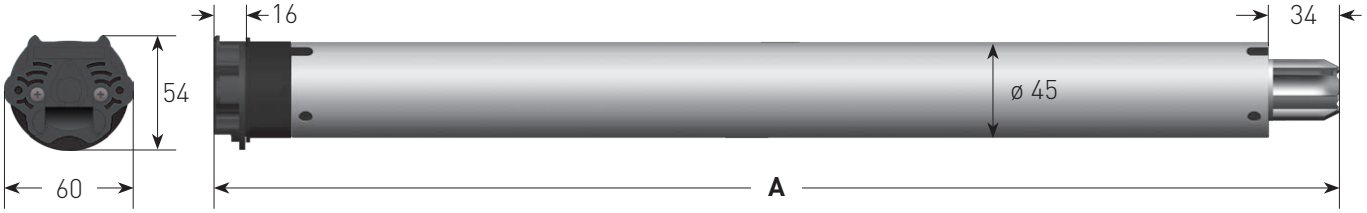
MAIN FEATURES

Models	XQ5P617	XQ5P1017	XQ5P2017
Torque	6 Nm	10 Nm	20 Nm
Speed	17 rpm	17 rpm	17 rpm
Power	130 W	135 W	**185 W**
Amps	0.60 A	0.70 A	0.90 A
Max turns	28	28	28

Models	XQ5P3017	XQ5P4017	XQ5P5012
Torque	30 Nm	40 Nm	50 Nm
Speed	17 rpm	17 rpm	12 rpm
Power	**220 W**	**265 W**	**260 W**
Amps	1.20 A	1.50 A	1.50 A
Max turns	28	28	28

DIMENSIONS mm

Model	A	Model	A	Model	A
XQ5P617	495	XQ5P1017	500	XQ5P2017	525
XQ5P3017	577	XQ5P4017	583	XQ5P5012	583



TECHNICAL DATA

Power Supply	230 VAC / 50 Hz
Working temperature	-10°C / +40°C
Duty rating	4 min
Protection	IP44

WIRING

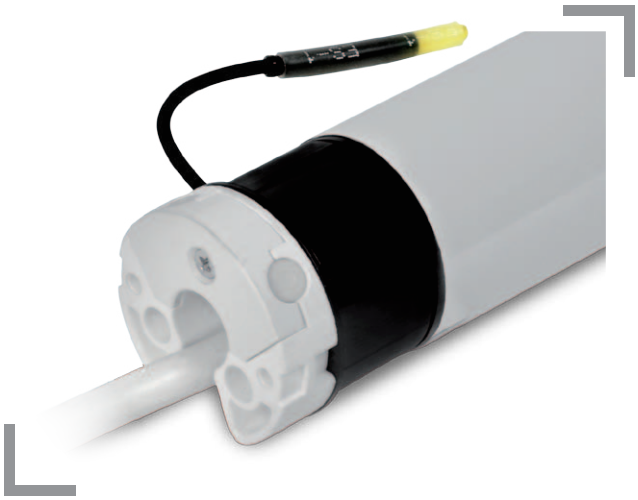
Standard cable length	2.5 m
0.75 mm²	Blue - Neutral
0.75 mm²	Yellow/Green - Ground
0.75 mm²	Brown
0.75 mm²	Black

XQ40

Line voltage tubular motors

XQ4EX
Electronic encoded with built-in radio receiver

XQ4E
Electronic encoded

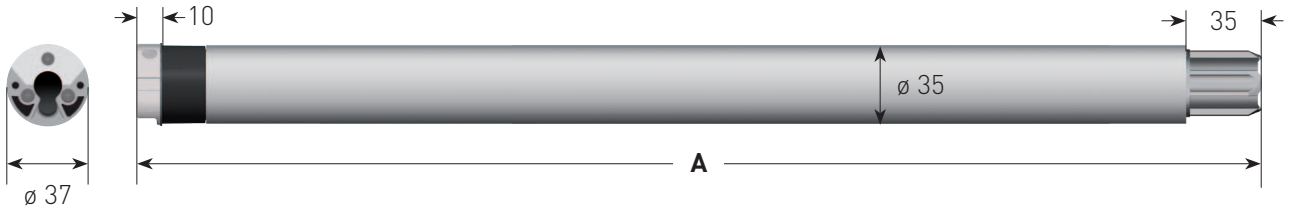


MAIN FEATURES

Models	XQ4EX414 XQ4E414	XQ4EX518 XQ4E518	XQ4EX914 XQ4E914	XQ4EX129 XQ4E129
Torque	4 Nm	5 Nm	9 Nm	12 Nm
Speed	14 rpm	18 rpm	14 rpm	9 rpm
Power	**100 W**	**100 W**	**140 W**	**140 W**
Amps	0.40 A	0.40 A	0.60 A	0.60 A
Max turns	160	160	160	160

DIMENSIONS mm

Model	A	Model	A	Model	A	Model	A
XQ4EX414	597	XQ4EX518	617	XQ4EX914	617	XQ4EX129	617
XQ4E414	597	XQ4E518	617	XQ4E914	617	XQ4E129	617



TECHNICAL DATA

Power Supply	230 VAC / 50 Hz
Working temperature	-10°C / +40°C
Duty rating	4 min
Radio frequency (type EX)	868.30 MHz
Protection	IP44

WIRING

Standard cable length 2.5 m

- 0.75 mm² Blue - Neutral
- 0.75 mm² Yellow/Green - Ground
- 0.75 mm² Brown
- 0.75 mm² Black (in the E version only)

XQ40

Line voltage tubular motors

XQ4P Mechanical limit switch

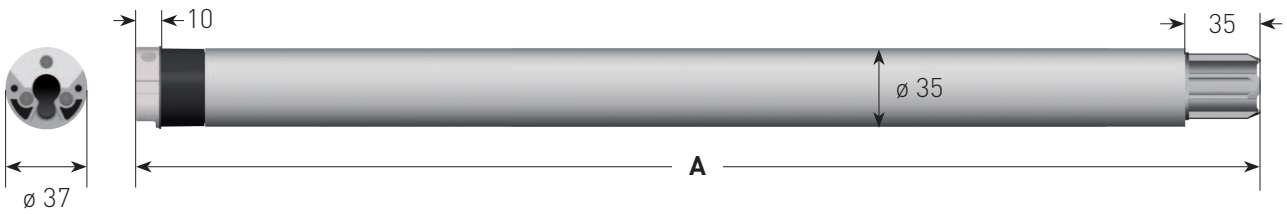


MAIN FEATURES

Models	XQ4P414	XQ4P518	XQ4P914	XQ4P129
Torque	4 Nm	5 Nm	9 Nm	12 Nm
Speed	14 rpm	18 rpm	14 rpm	9 rpm
Power	**100 W**	**100 W**	**140 W**	**140 W**
Amps	0.40 A	0.40 A	0.60 A	0.60 A
Max turns	40	40	40	40

DIMENSIONS mm

Model	A	Model	A	Model	A	Model	A
XQ4P414	507	XQ4P518	507	XQ4P914	527	XQ4P129	527



TECHNICAL DATA

Power Supply	230 VAC / 50 Hz
Working temperature	-10°C / +40°C
Duty rating	4 min
Protection	IP44

WIRING

Standard cable length	2.5 m
0.75 mm²	Blue - Neutral
0.75 mm²	Yellow/Green - Ground
0.75 mm²	Brown
0.75 mm²	Black





ZIP SCREENS

ZIP-screens are the ultimate and stylish external blind solution for sun, rain and wind protection.
Gaposa has specially design the sensezip motor range for this particular purpose.

GAPOSA

XS 50 PREMIUM HT

Ultra Quiet High Torque Tubular Motors

Available in both wireless and hardwired configurations for flexible installation options.

Experience the power of the XS PREMIUM HT range - engineered to run 7dB quieter than standard models for a smoother performance.

XS PERFORMANCE
6 Nm at 17 rpm
10 Nm at 17 rpm
20 Nm at 17 rpm

Sound level: < 39dB

Gearing REVOLUTION

sense ZIP

SENSE ZIP motors for ZIP-screens require upper torque stop (usually cassette) and specific adapters.
The selection of the right torque is according to the screen size and to its weight, both essential elements for the motor overload protection.

SMART FEATURES

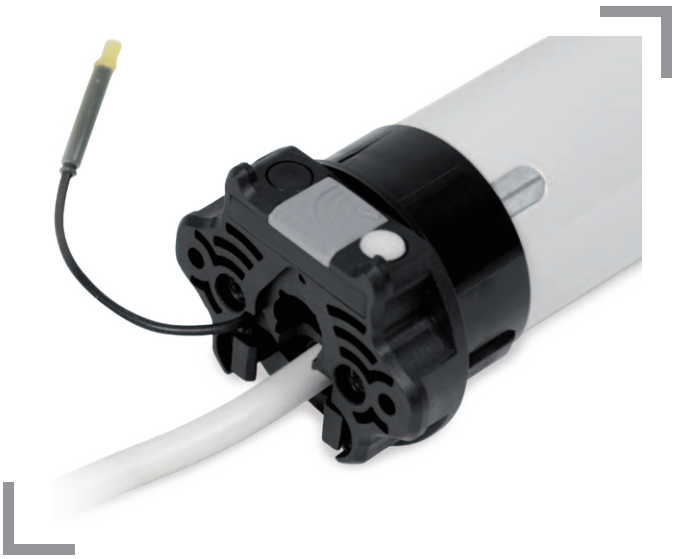
- Downward high sensitive obstacle detection
- Reverse function when an obstacle is detected
- Overload protection upwards
- 3 limit setting modes: automatic, semi-automatic, manual
- Self-learning limit positions when set in automatic mode
- Motor reset and deactivation of the sense mode by using a normal switch
- Smooth stop at the upper limit
- Available also in XS type for the quietest operation

XS 50 sense ZIP PREMIUM HT

Silent tubular motors with obstacle detection and automatic limit setting for ZIP-screens

XS 5JX Electronic encoded with built-in radio receiver with integrated antenna

XS 5J Electronic encoded

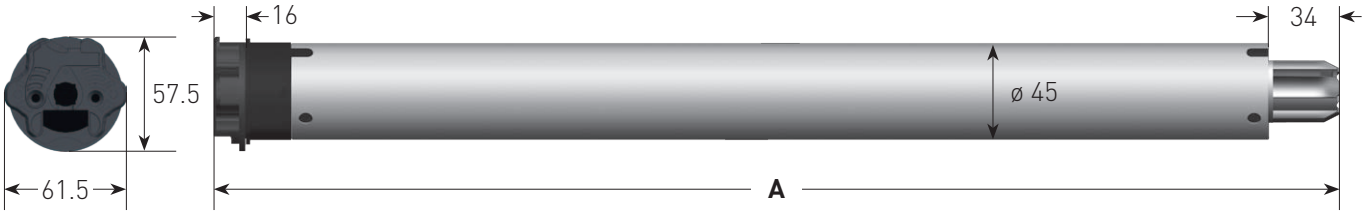


MAIN FEATURES

Models	XS5JX617-0 XS5J617	XS5JX1017-0 XS5J1017	XS5JX2017-0 XS5J2017
Torque	6 Nm	10 Nm	20 Nm
Speed	17 rpm	17 rpm	17 rpm
Power	95 W	140 W	**180 W**
Amps	0.60 A	0.70 A	0.90 A
Max turns	80	80	80

DIMENSIONS mm

Model	A	Model	A	Model	A
XS5JX617-0	534	XS5JX1017-0	539	XS5JX2017-0	564
XS5J617	534	XS5J1017	539	XS5J2017	564



TECHNICAL DATA

Power Supply	230 VAC / 50 Hz
Working temperature	-10°C / +40°C
Duty rating	4 min
Radio frequency (type JX)	868.30 MHz
Protection	IP44

WIRING

Standard cable length	2.5 m
0.75 mm²	Blue - Neutral
0.75 mm²	Yellow/Green - Ground
0.75 mm²	Brown
0.75 mm²	Black (in the J version only)

XQ 50 sensezip

Tubular motors with obstacle detection and automatic limit setting for ZIP-screens



XQ5JX Electronic encoded with built-in radio receiver with integrated antenna

XQ5J Electronic encoded

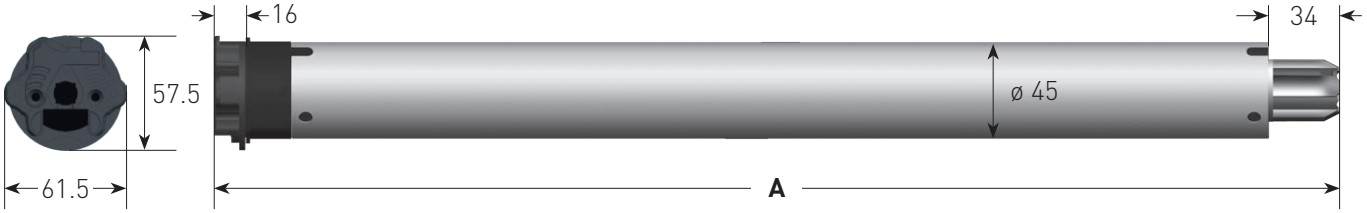
MAIN FEATURES

Models	XQ5JX617 XQ5J617	XQ5JX1017 XQ5J1017	XQ5JX2017 XQ5J2017
Torque	6 Nm	10 Nm	20 Nm
Speed	17 rpm	17 rpm	17 rpm
Power	130 W	135 W	**185 W**
Amps	0.60 A	0.70 A	0.90 A
Max turns	80	80	80

Models	XQ5JX3017 XQ5J3017	XQ5JX4017 XQ5J4017	XQ5JX5012 XQ5J5012
Torque	30 Nm	40 Nm	50 Nm
Speed	17 rpm	17	12 rpm
Power	**220 W**	**265 W**	**260 W**
Amps	1.20 A	1.50 A	1.50 A
Max turns	80	80	80

DIMENSIONS mm

Model	A	Model	A	Model	A
XQ5JX617	534	XQ5JX1017	539	XQ5JX2017	564
XQ5J617	534	XQ5J1017	539	XQ5J2017	564
XQ5JX3017	616	XQ5JX4017	622	XQ5JX5012	622
XQ5J3017	616	XQ5J4017	622	XQ5J5012	622



TECHNICAL DATA

Power Supply	230 VAC / 50 Hz
Working temperature	-10°C / +40°C
Duty rating	4 min
Radio frequency (type JX)	868.30 MHz
Protection	IP44

WIRING

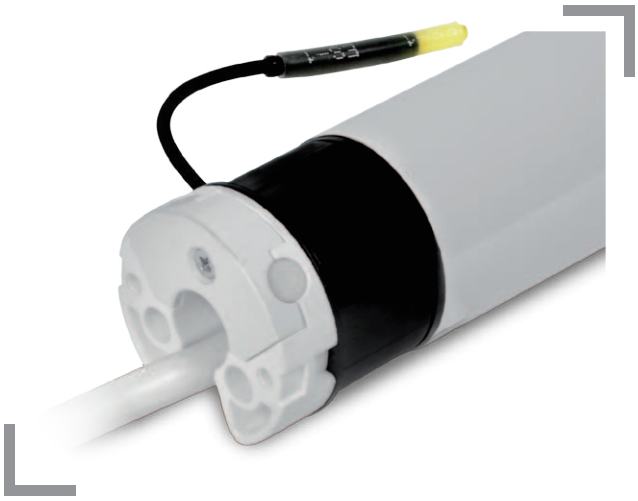
Standard cable length	2.5 m
0.75 mm²	Blue - Neutral
0.75 mm²	Yellow/Green - Ground
0.75 mm²	Brown
0.75 mm²	Black (in the J version only)

XQ 40 senseZIP

Tubular motors with obstacle detection and automatic limit setting for ZIP-screens

XQ4JX
Electronic encoded with built-in radio receiver

XQ4J
Electronic encoded

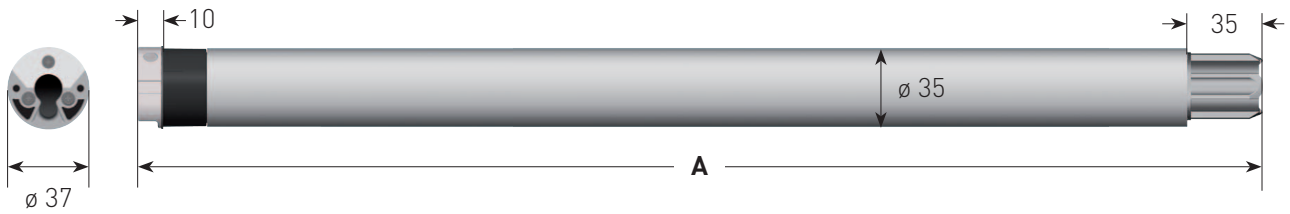


MAIN FEATURES

Models	XS4JX620 SILEO XS4J620 SILEO	XQ4JX914 XQ4J914	XS4JX908 SILEO XS4J908 SILEO
Torque	6 Nm	9 Nm	9 Nm
Speed	20 rpm	14 rpm	8 rpm
Power	**140 W**	**140 W**	**100 W**
Amps	0.60 A	0.60 A	0.40 A
Max turns	160	160	160 - 40

DIMENSIONS mm

Model	A	Model	A	Model	A
XS4JX620	632	XQ4JX914	617	XS4JX908	622
XS4J620	632	XQ4J914	617	XS4J908	622



TECHNICAL DATA

Power Supply	230 VAC / 50 Hz
Working temperature	-10°C / +40°C
Duty rating	4 min
Radio frequency (type JX)	868.30 MHz
Protection	IP44

WIRING

Standard cable length	2.5 m
0.75 mm²	Blue - Neutral
0.75 mm²	Yellow/Green - Ground
0.75 mm²	Brown
0.75 mm²	Black (in the J version only)





AWNINGS

With the **S range**, Gaposa has developed a special motor line for cassette awnings which push further our catalogue selection. The **DX range** allows to directly connect a small electrical device and we complete our offer for the awning market with our more standard motor range. From **XQ50 to XQ60 series** with or without manual override or radio, all the combinations are available to suit every need.

XQ 50 S TYPE

Tubular motors with dedicated firmware for cassette awnings

XQ5SX Electronic encoded with built-in radio receiver with integrated antenna

XQ5S Electronic encoded



MAIN FEATURES

Models	XQ5SX3017 XQ5S3017	XQ5SX4017 XQ5S4017	XQ5SX5012 XQ5S5012
Torque	30 Nm	40 Nm	50 Nm
Speed	17 rpm	17 rpm	12 rpm
Power	**220 W**	**265 W**	**260 W**
Amps	1.20 A	1.50 A	1.50 A
Max turns	80	80	80

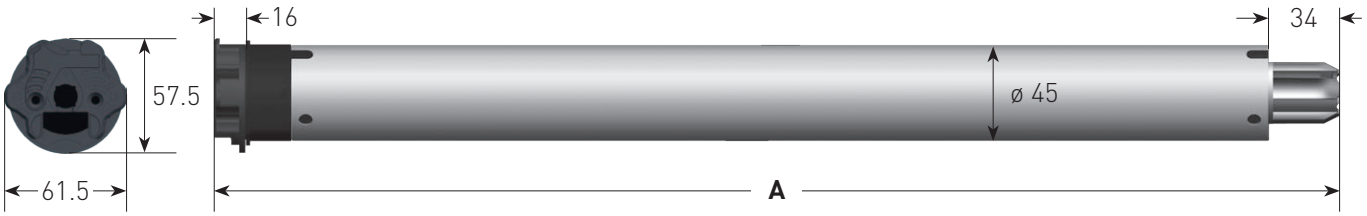
The S range was especially designed for the awning market:

SMART FEATURES

- 6-8 running time
- Faster cooling time after thermal protection
- Torque sensor for top end limit adjustment
- Top end limit release for fabric protection while still keeping cassette awning weatherproof
- Fabric tensioning feature

DIMENSIONS mm

Model	A	Model	A	Model	A
XQ5SX3017	616	XQ5SX4017	622	XQ5SX5012	622
XQ5S3017	616	XQ5S4017	622	XQ5S5012	622



TECHNICAL DATA

Power Supply	230 VAC / 50 Hz
Working temperature	-10°C / +40°C
Duty rating	4 min
Radio frequency (type SX)	868.30 MHz
Protection	IP44

WIRING

Standard cable length 2.5 m

- 0.75 mm² Blue - Neutral
- 0.75 mm² Yellow/Green - Ground
- 0.75 mm² Brown
- 0.75 mm² Black (in the E version only)

XQ50

Tubular motors for awnings

XQ5EX Electronic encoded with built-in radio receiver with integrated antenna

XQ5E Electronic encoded

XQ5P Mechanical limit switch

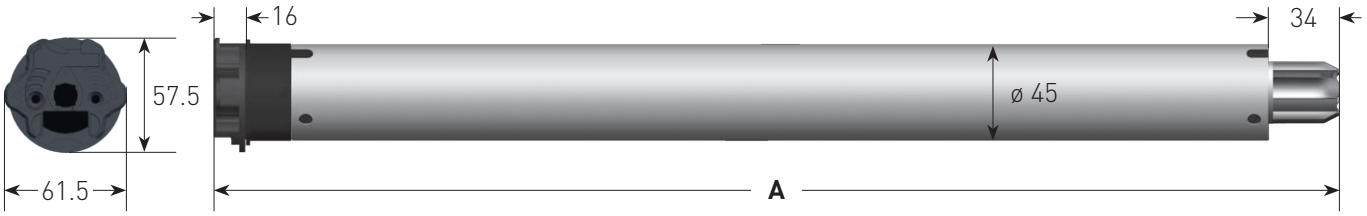


MAIN FEATURES

Models	XQ5EX2017 XQ5E2017 XQ5P2017	XQ5EX3017 XQ5E3017 XQ5P3017	XQ5EX4017 XQ5E4017 XQ5P4017	XQ5EX5012 XQ5E5012 XQ5P5012
Torque	20 Nm	30 Nm	40 Nm	50 Nm
Speed	17 rpm	17 rpm	17 rpm	12 rpm
Power	**185 W**	**220 W**	**265 W**	**260 W**
Amps	0.90 A	1.20 A	1.50 A	1.50 A
Max turns (EX/E - P)	80 - 26	80 - 26	80 - 26	80 - 26

DIMENSIONS mm

Model	A	Model	A	Model	A	Model	A
XQ5EX2017	564	XQ5EX3017	616	XQ5EX4017	622	XQ5EX5012	622
XQ5E2017	564	XQ5E3017	616	XQ5E4017	622	XQ5E5012	622
XQ5P2017	525	XQ5P3017	577	XQ5P4017	583	XQ5P5012	583



TECHNICAL DATA

Power Supply	230 VAC / 50 Hz
Working temperature	-10°C / +40°C
Duty rating	4 min
Radio frequency (type EX)	868.30 MHz
Protection	IP44

WIRING

Standard cable length 2.5 m

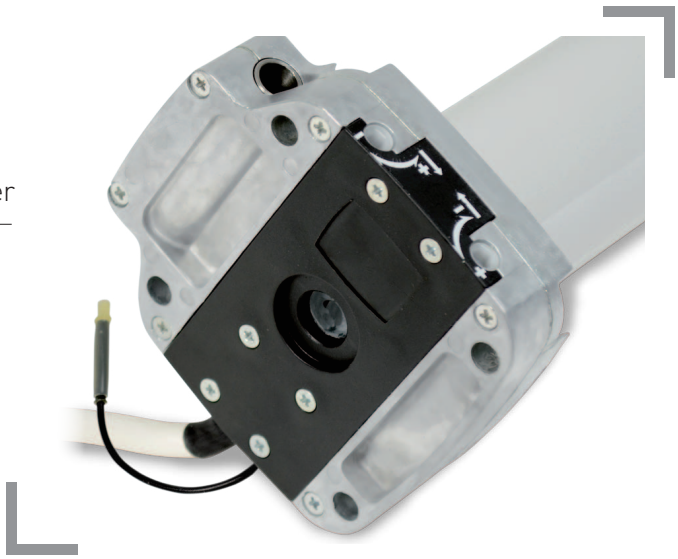
- 0.75 mm² Blue - Neutral
- 0.75 mm² Yellow/Green - Ground
- 0.75 mm² Brown
- 0.75 mm² Black (in the E/P version only)

XQ 50 M TYPE

Manual override motors for awnings

XQ5MX
Tubular motors with manual override and integrated receiver

XQ5M
Tubular motors with manual override

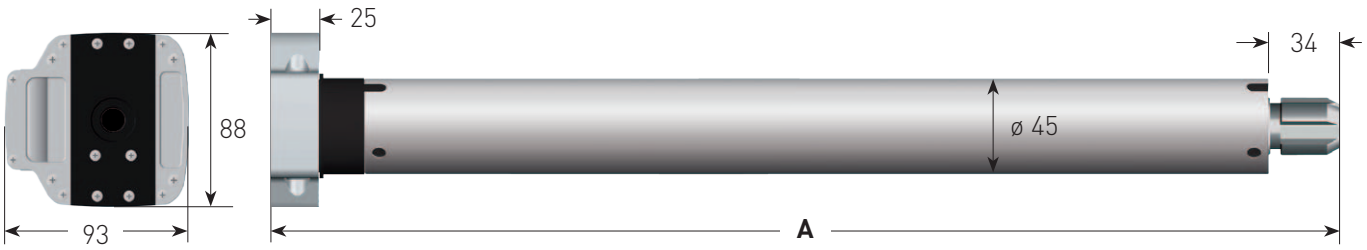


MAIN FEATURES

Models	XQ5MX2017 XQ5M2017	XQ5MX3017 XQ5M3017	XQ5MX4017 XQ5M4017	XQ5MX5012 XQ5M5012
Torque	20 Nm	30 Nm	40 Nm	50 Nm
Speed	17 rpm	17 rpm	17 rpm	12 rpm
Power	**185 W**	**220 W**	**265 W**	**260 W**
Amps	0.90 A	1.20 A	1.50 A	1.50 A
Max turns	26	26	26	26

DIMENSIONS mm

Model	A	Model	A	Model	A	Model	A
XQ5MX2017	829	XQ5MX3017	829	XQ5MX4017	829	XQ5MX5012	829
XQ5M2017	575	XQ5M3017	611	XQ5M4017	615	XQ5M5012	615



TECHNICAL DATA

Power Supply	230 VAC / 50 Hz
Working temperature	-10°C / +40°C
Duty rating	4 min
Radio frequency (type MX)	868.30 MHz
Protection	IP44

WIRING

Standard cable length 2.5 m

- 0.75 mm² Blue - Neutral
- 0.75 mm² Yellow/Green - Ground
- 0.75 mm² Brown
- 0.75 mm² Black (in the M version only)

XQ60

Tubular motors for large awnings

XQ6EX Electronic encoded with built-in radio receiver

XQ6E Electronic encoded

XQ6P Mechanical limit switch

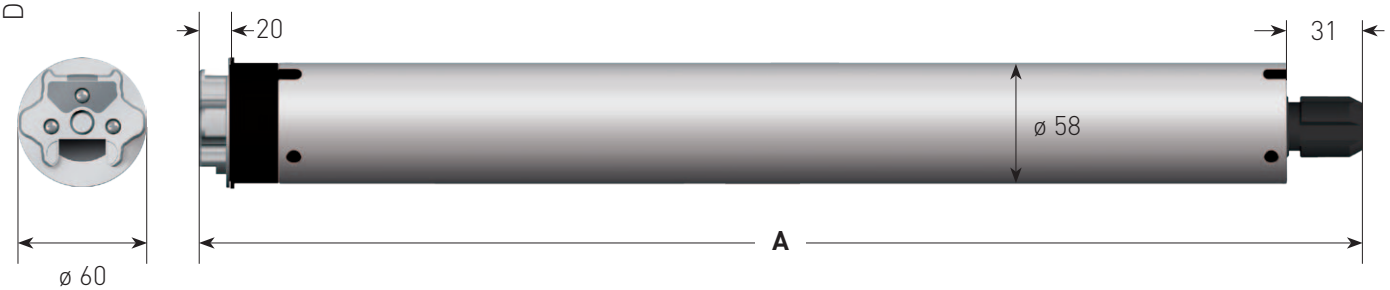


MAIN FEATURES

Models	XQ6EX8012 XQ6E8012 XQ6P8012	XQ6EX10012 XQ6E10012 XQ6P10012	XQ6EX12012 XQ6E12012 XQ6P12012
Torque	80 Nm	100 Nm	120 Nm
Speed	12 rpm	12 rpm	12 rpm
Power	**390 W**	440 W	440 W
Amps	1.80 A	2.0 A	2.0 A
Max turns (EX/E - P)	85 - 26	85 - 26	85 - 26

DIMENSIONS mm

Model	A	Model	A	Model	A
XQ6EX8012	745	XQ6EX10012	745	XQ6EX12012	745
XQ6E8012	745	XQ6E10012	745	XQ6E12012	745
XQ6P8012	695	XQ6P10012	695	XQ6P12012	695



TECHNICAL DATA

Power Supply	230 VAC / 50 Hz
Working temperature	-10°C / +40°C
Duty rating	4 min
Radio frequency (type EX)	868.30 MHz
Protection	IP44

WIRING

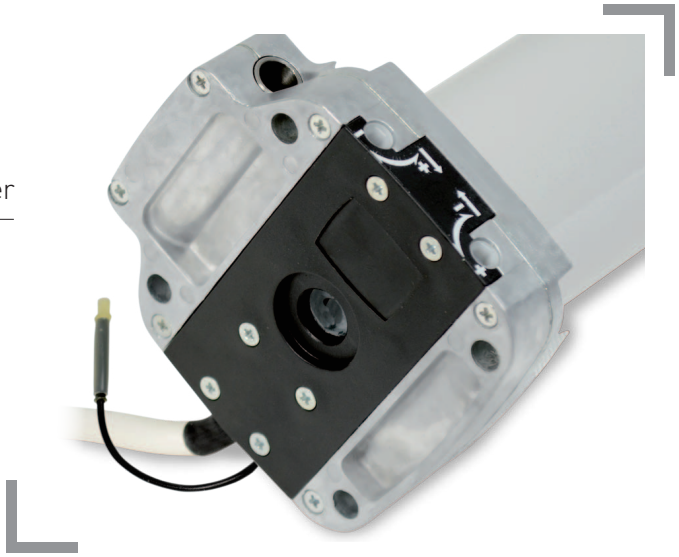
Standard cable length	2.5 m
0.75 mm²	Blue - Neutral
0.75 mm²	Yellow/Green - Ground
0.75 mm²	Brown
0.75 mm²	Black (in the E/P version only)

XQ 60 M TYPE

Manual override tubular motors for large awnings

XQ6MX Tubular motors with manual override and integrated receiver

XQ6M Tubular motors with manual override

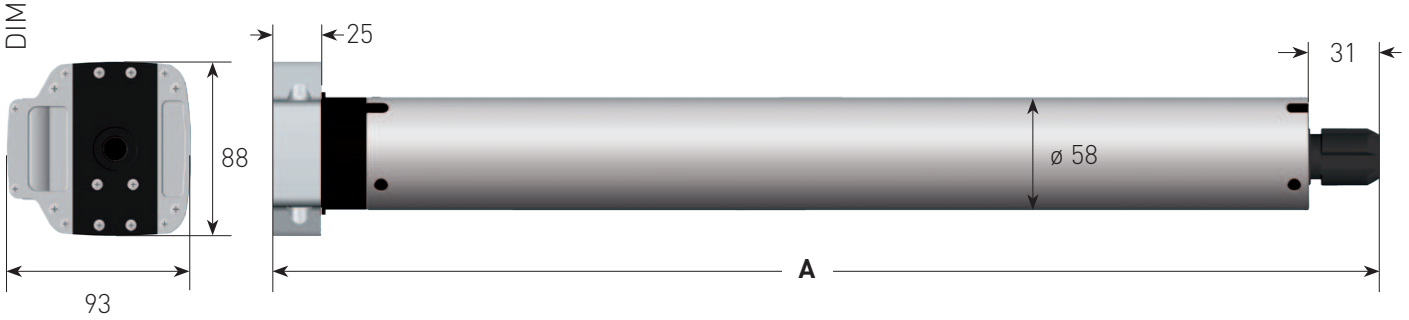


MAIN FEATURES

Models	XQ6MX8012 XQ6M8012	XQ6MX10012 XQ6M10012	XQ6MX12012 XQ6M12012
Torque	80 Nm	100 Nm	120 Nm
Speed	12 rpm	12 rpm	12 rpm
Power	**390 W**	440 W	440 W
Amps	1.80 A	2.0 A	2.0 A
Max turns	26	26	26

DIMENSIONS mm

Model	A	Model	A	Model	A
XQ6MX8012	905	XQ6MX10012	905	XQ6MX12012	905
XQ6M8012	745	XQ6M10012	745	XQ6M12012	745



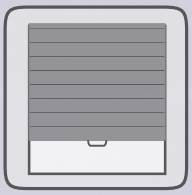
TECHNICAL DATA

Power Supply	230 VAC / 50 Hz
Working temperature	-10°C / +40°C
Duty rating	4 min
Radio frequency (type MX)	868.30 MHz
Protection	IP44

WIRING

Standard cable length	2.5 m
0.75 mm²	Blue - Neutral
0.75 mm²	Yellow/Green - Ground
0.75 mm²	Brown
0.75 mm²	Black (in the M version only)





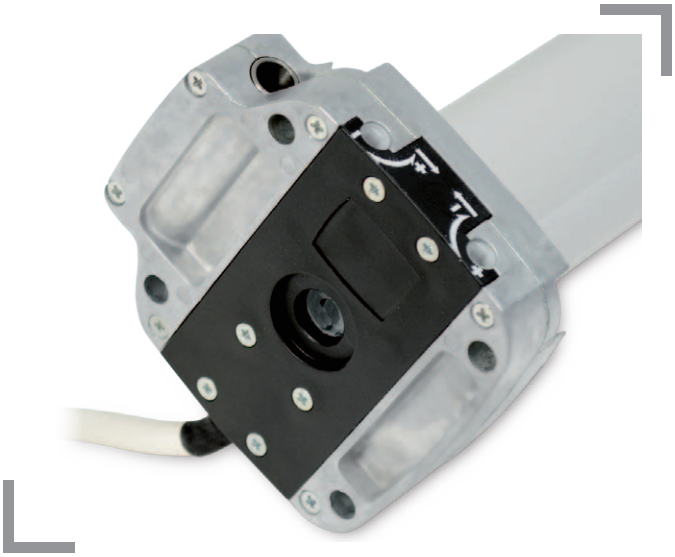
GARAGE DOORS

With a specific range of motors, Gaposa has adapted its regular manual override motors to the specific needs of the rolling garage door market. Available from 30 to 120Nm, these motors have a special end limit system.

XQ 50 G TYPE

Manual override tubular motors for garage doors

XQ5G Mechanical limit switch

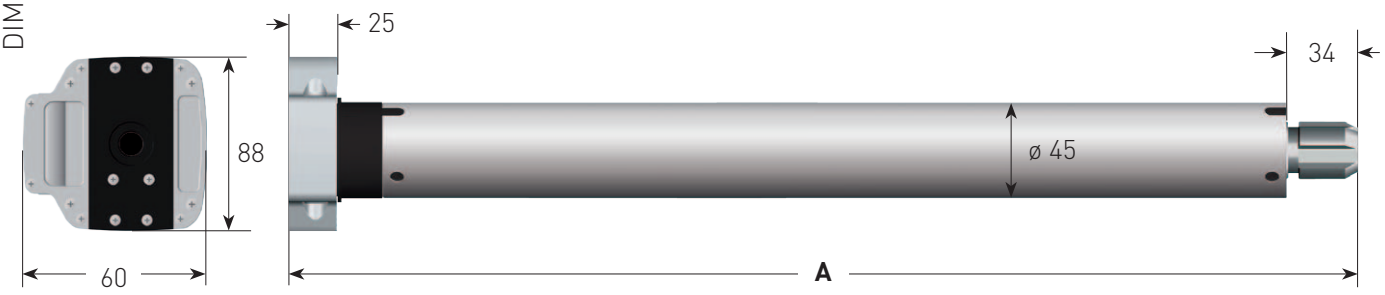


MAIN FEATURES

Models	XQ5G3017	XQ5G4017	XQ5G5012
Torque	30 Nm	40 Nm	50 Nm
Speed	17 rpm	17 rpm	12 rpm
Power	**220 W**	**265 W**	**260 W**
Amps	1.20 A	1.50 A	1.50 A
Max turns	14	14	14

DIMENSIONS mm

Model	A	Model	A	Model	A
XQ5G3017	602	XQ5G4017	607	XQ5G5012	607



TECHNICAL DATA

Power Supply	230 VAC / 50 Hz
Working temperature	-10°C / +40°C
Duty rating	4 min
Protection	IP44

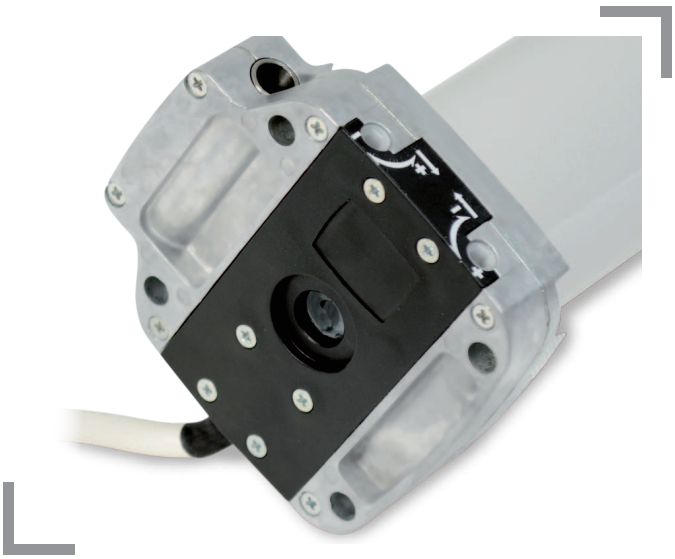
WIRING

Standard cable length	2.5 m
0.75 mm²	Blue - Neutral
0.75 mm²	Yellow/Green - Ground
0.75 mm²	Brown
0.75 mm²	Black

XQ 60 G TYPE

Manual override tubular motors for garage doors

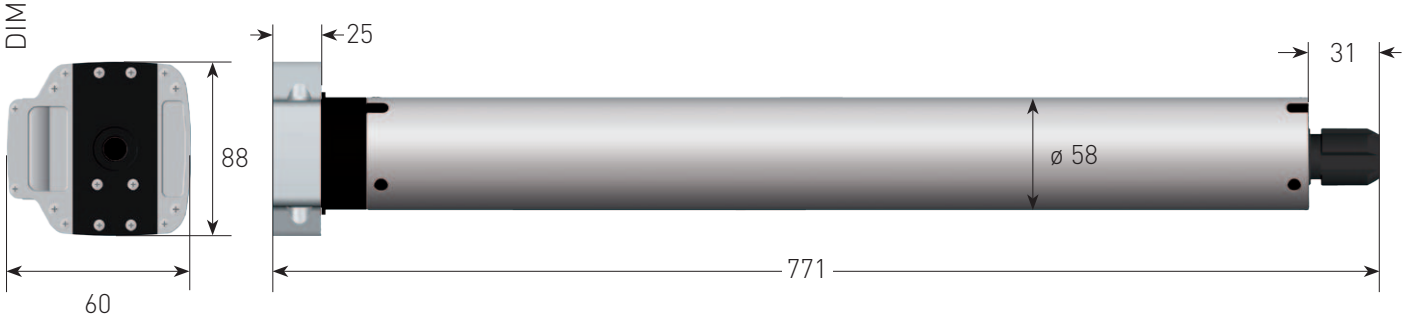
XQ6G Mechanical limit switch



MAIN FEATURES

Models	XQ6G8012	XQ6G10012	XQ6G12012
Torque	80 Nm	100 Nm	120 Nm
Speed	12 rpm	12 rpm	12 rpm
Power	**390 W**	440 W	440 W
Amps	1.80 A	2.0 A	2.0 A
Max turns	13	13	13

DIMENSIONS mm



TECHNICAL DATA

Power Supply	230 VAC / 50 Hz
Working temperature	-10°C / +40°C
Duty rating	4 min
Protection	IP44

WIRING

Standard cable length 2.5 m

0.75 mm²	Blue - Neutral
0.75 mm²	Yellow/Green - Ground
0.75 mm²	Brown
0.75 mm²	Black

AC TUBULAR MOTORS MAIN FEATURES

	XS XQ 40			XS XQ 50			XQ 60		
	XS4EX XQ4EX	XS4E XQ4E	XS4P XQ4P	XS5EX XQ5EX	XS5E XQ5E	XS5P XQ5P	XQ6EX	XQ6E	XQ6P
Up and down directions syncronized while setting the limits	■	■		■	■		■	■	
Noiseless mechanical brake	■	■	■	■	■	■	■	■	■
Easy limit setting via an allen key			■			■			■
Easy limit setting via the setting button on the head					■			■	
Easy limit setting via radio	■			■			■		
868.30 MHz radio transmission	■			■			■		
Integrated antenna				■					
Wireless connection with climatic sensors	■			■			■		
Protection against limit overturning			■			■			■
Plug-in cable				■	■	■	■	■	■
Downwards high sensitive obstacle detection									
Reverse function when an obstacle is detected									
Overload protection upwards	■	■		■	■		■	■	
Smooth stop against the upper limit									
3 setting modes: automatic, Semi-automatic, manual									
Self-learning limit positions when set in automatic mode									
Auxiliary control cable for low power electrical devices									
Fabric protection for cassette awnings									
Special limit for garage doors									
Dual entry limit switches for easy access/ installation									
Operability in any circumstances via the manual override									
Override gear ratio 1:23									
Override gear ratio 1:55									
Strong head construction									

sense sensezip				senselatente				awnings			manual override				garage doors	
XQ4NX XQ4JX	XQ4N XQ4J	XQ5NX XQ5JX	XQ5N XQ5J	XQ4EX	XQ4E	XQ5EX	XQ5E	XQ5SX	XQ5S	XQ5DX	XQ5MX	XQ5M	XQ6MX	XQ6M	XQ5G	XQ6G
■	■	■	■	■	■	■	■	■	■	■						
■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
											■	■	■	■	■	■
	■		■		■		■		■							
■		■		■		■		■		■						
■		■		■		■		■		■	■		■			
		■	■			■		■		■						
■		■		■		■		■		■	■		■			
		■	■			■	■	■	■	■						
■	■	■	■	■	■	■	■									
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											■	■	■	■	■	■

AC TUBULAR MOTORS SELECTION TABLES

Roller blinds, venetians, shades & home-theatre screens. The table below shows the max. weight (Kg) each blind or screen can lift according to the rolling tube diameter.

Tube diameter (mm) ▶		40	50
Sleo XS40	3 Nm	11	9
	6 Nm	21	17
	9 Nm (XQ)	31	25
Sleo XQ40	1 Nm	4	3
	3 Nm	11	9
	4 Nm	14	11

Tube diameter (mm) ▶		50	60	70
Sleo XS50	5 Nm	14	12	10
	10 Nm	28	24	20
	15 Nm	40	33	28
Sleo XQ50	6 Nm	16	13	11
	9 Nm	24	19	16

ZIP-screens. The table below shows the max. weight (Kg) each motor can lift, according to the rolling tube diameter and the height and the height. The values given refer to a ZIP-screen width of 5 m and take friction into account.

Tube diameter (mm) ▶		63			78			85		
Max. height ZIP screen (m) ▶		1.5	2.5	3.5	1.5	2.5	3.5	1.5	2.5	3.5
XQ40	6 Nm	15	14	12	12	10	8	10	9	7
	9 Nm	23	21	18	18	15	13	16	13	11

Tube diameter (mm) ▶		63			78			85		
Max. height ZIP screen (m) ▶		1.5	2.5	3.5	1.5	2.5	3.5	1.5	2.5	3.5
XQ50	6 Nm	15	14	12	12	10	8	10	9	7
	10 Nm	26	23	20	20	17	14	17	15	12
	20 Nm	51	46	40	39	34	28	35	29	24
	30 Nm	77	69	61	59	50	42	52	44	36
	40 Nm	103	92	81	78	67	56	69	58	47
	50 Nm	129	115	101	98	84	70	87	73	59

Shutters and garage doors. The table below shows the max. weight (Kg) each motor can lift, according to the rolling tube diameter and the height. All weights consider friction.

Tube diameter (mm) ▶		40			45			50		
Max shutter height (m) ▶		1.5	2.5	3.5	1.5	2.5	3.5	1.5	2.5	3.5
XQ40	4 Nm	9	8	8	8	7	7	7	7	6
	5 Nm	11	10	10	10	9	9	9	8	8
	9 Nm	20	19	17	18	17	16	16	15	14
	12 Nm	26	25	23	23	22	21	21	20	19

Tube diameter (mm) ▶		50			60			70			90		
Max shutter height (m) ▶		1.5	2.5	3.5	1.5	2.5	3.5	1.5	2.5	3.5	1.5	2.5	3.5
XQ50	6 Nm	14	12	9	11	10	8	10	8	7	8	6	5
	10 Nm	23	19	16	19	16	13	16	14	11	13	11	9
	20 Nm	46	38	31	38	32	26	33	27	22	25	21	17
	30 Nm	69	58	47	57	48	39	49	41	33	38	32	26
	40 Nm	91	77	62	76	64	52	65	55	44	51	43	34
	50 Nm	114	96	78	95	80	65	82	69	55	63	53	43

Tube diameter (mm) ▶		70			90			102			133		
Max shutter height (m) ▶		1.5	2.5	3.5	1.5	2.5	3.5	1.5	2.5	3.5	1.5	2.5	3.5
XQ60	80 Nm	125	105	85	108	93	77	95	82	68	73	63	52
	100 Nm	156	131	106	135	116	96	119	102	85	91	78	65
	120 Nm	187	157	128	162	139	116	143	122	102	110	94	78

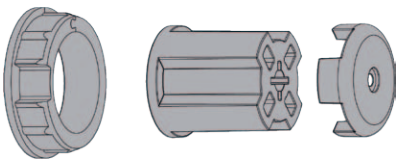
Folding arm awnings. The table below shows the most suitable model according to the following awnings characteristics: 1. Arm thrust; 2. Number of arms; 3. Awning projection; 4. Roller tube diameter.

			XQ50						XQ60		
Awning projection	Tube diameter	Nr. of arms	20 Nm	25 Nm	30 Nm	35 Nm	40 Nm	50 Nm	80 Nm	100 Nm	120 Nm
up to 1.5 m	50 mm	2	■								
		4		■							
		6				■					
		8					■				
	63/70 mm	2		■							
		4		■							
		6				■					
		8						■			
	78 mm	2			■						
		4					■				
		6							■		
	85 mm	2							■		
		4							■		
		6							■		
up to 2 m	50 mm	2	■								
		4		■							
		6				■					
		8					■				
	63/70 mm	2		■	■						
		4				■					
		6						■			
	78 mm	4					■				
		6							■		
	85 mm	2							■		
		4							■		
		6							■		
up to 3.5 m	50 mm	2				■					
		4					■				
	63/70 mm	2					■				
		4						■			
	78 mm	2							■		
		4							■		
		6								■	
	85 mm	2							■		
		4								■	
		6									■
up to 5 m	78 mm	2							■		
		4								■	
		6									■
	85 mm	2								■	
		4									■

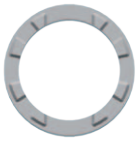
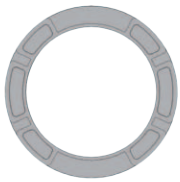
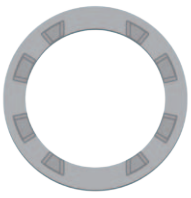
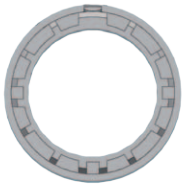
ADAPTERS AND BRACKETS

ADAPTERS

■ **DC30** range motors

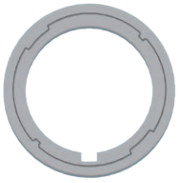
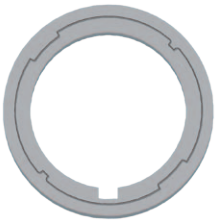
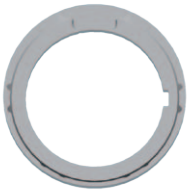
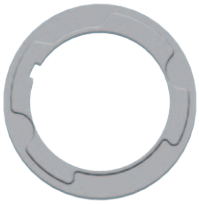
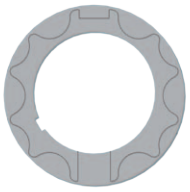
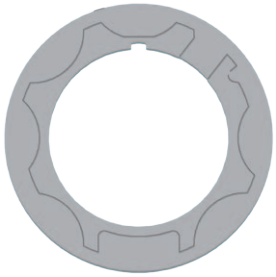
Drive wheel	Crown adapter		Drive wheel	Crown adapter	
		*Code*: AX3.01P147 *Tube*: Round Benthin 29 Grooves			*Code*: AX3.01P148 *Tube*: Round Benthin 32 Grooves
		*Code*: AX3.01P137 *Tube*: Round Louvolite 40			*Code*: AX3.01P138 *Tube*: Round Rollease 38 Grooves
	AXRRF3 ADAPTOR FROM XSDC30 TO XS/XQ40 MOTOR CROWN				

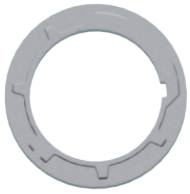
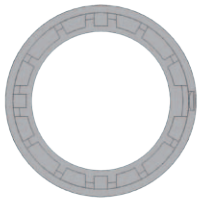
40 range motors

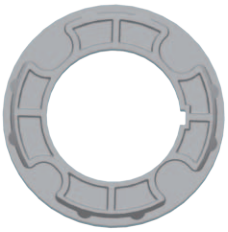
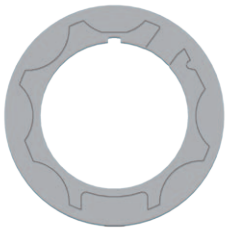
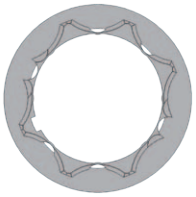
Drive wheel	Crown adapter		Drive wheel	Crown adapter	
		*Code*: AXRS440 *Tube*: Round Delfín 44x2 mm Grooves			*Code*: AXRS4015 *Tube*: Round 40x1.5 mm Grooves
		*Code*: AXRS40 *Tube*: Round 40x1 mm			*Code*: AXRS40S *Tube*: Oval 40x1 mm
		*Code*: AXRS448 *Tube*: Round 47x1 mm Grooves			*Code*: AXRS44 *Tube*: Round 44x1 mm
		*Code*: AXOS4 *Tube*: Octagonal 40 mm			*Code*: AXRO5 *Tube*: Octagonal 50 mm + AXRRF4
		*Code*: AXRS47 *Tube*: Round 47x2 mm			*Code*: AXRS440.AD *Tube*: Benthin 44 mm
		*Code*: AXSFB *Tube*: Benthin 52 mm			*Code*: AXZF45 *Tube*: Zurfluh-Feller 45 mm
	*Code*: AXRRF4 ADAPTOR FROM XQ40 TO XQ50 MOTOR CROWN				

ADAPTERS

■ **50** range motors

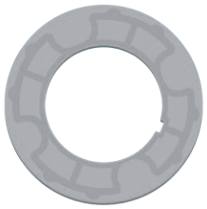
Drive wheel	Crown adapter		Drive wheel	Crown adapter	
		*Code*: AXR50 *Tube*: Round 50X1.5 mm			*Code*: AXO67 *Tube*: Octagonal 70 mm + AXRRF
		*Code*: AXR60 *Tube*: Round 60X1.5 mm			*Code*: AXZF54 *Tube*: Zurfluh-Feller 54 mm
		*Code*: AXR70 *Tube*: Round 70X1.5 mm + AXRRF			*Code*: AXGS63 *Tube*: Welsner 63 mm
		*Code*: AXO5 *Tube*: Octagonal 50 mm			*Code*: AXO6 *Tube*: Octagonal 60 mm
		*Code*: AXZF64 *Tube*: Zurfluh-Feller 64 mm			*Code*: AXOS6 *Tube*: Octagonal starred 60 mm Grooves
		*Code*: AXG7 *Tube*: 70 mm Grooves			*Code*: AXG7BAT2 *Tube*: Round 70 mm
		*Code*: AXD89 *Tube*: Round 89 mm + AXRRF			

Drive wheel	Crown adapter	
		*Code*: AXD62 *Tube*: Deprat 62 mm
		*Code*: AXD53 *Tube*: Deprat 53 mm Grooves
		*Code*: AXO6.SG *Tube*: Round 60 mm
		*Code*: AXZF80 *Tube*: Round 80 mm

Drive wheel	Crown adapter	
		*Code*: AXGS78M *Tube*: 78 mm Grooves
		*Code*: AXGS85 *Tube*: 85 mm
		*Code*: AXO6.FB *Tube*: Benthin
		*Code*: AXRRF ADAPTOR FROM XQ50 TO XQ60 MOTOR CROWN

ADAPTERS

■ sense & sense ZIP range motors

Drive wheel	Crown adapter		Drive wheel	Crown adapter	
		*Code*: AXOS4S *Tube*: 40 mm Octagonal			*Code*: AXR55S *Tube*: 55 mm Round
		*Code*: AXO6S *Tube*: 60 mm Octagonal			*Code*: AXZF64S *Tube*: 64 mm Round
		*Code*: AXO67S *Tube*: 70 mm Octagonal			*Code*: AXZF54S *Tube*: 54 mm ZF
		*Code*: AXGS63S *Tube*: 63 mm Grooves			*Code*: AXGS78MS *Tube*: 78 mm Grooves

NOTE: by adding the reduction AXRRF4 the Sense adapters can work also with the Sense 40 range motors.

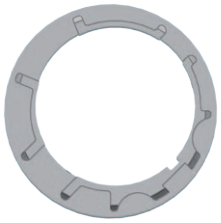
ADAPTERS

■ **60** range motors

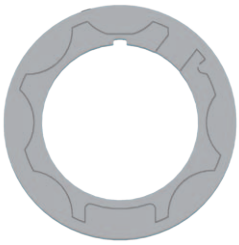
Drive wheel | Crown adapter



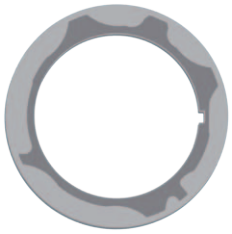

Code: AXR570
Tube: Round / 70X1.5 mm

Code: AXGS578
Tube: 78 mm Grooves / Zurfluh-Feller 80 mm

Code: AX5.01P076
Tube: 78 mm

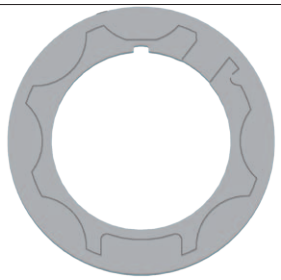



Code: AXZF580
Tube: 80 mm

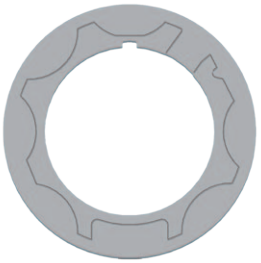
Drive wheel | Crown adapter




Code: AX57
Tube: Octagonal / 70 mm

Code: AXD589
Tube: DEPRAT / 89 mm

Code: AXGS585
Tube: with grooves / 85 mm

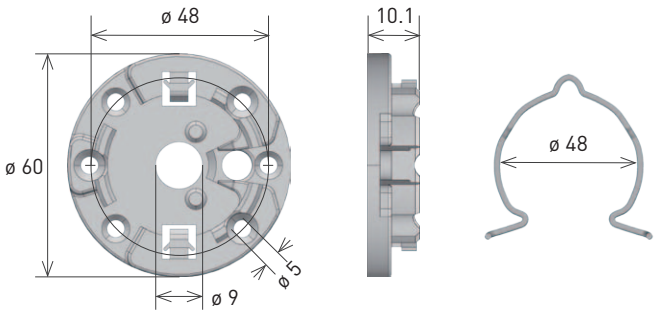



Code: AXR101
Tube: Round - 101/101.6X3.6 mm
Code: AXR1012
Tube: Round - 101.6X2 mm

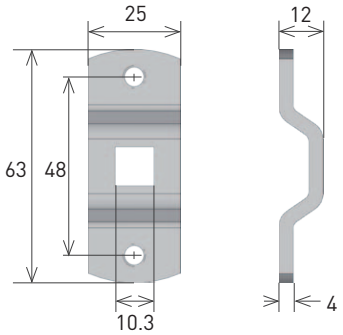
BRACKETS

■ **40** range motors (from 3 Nm to 12 Nm)

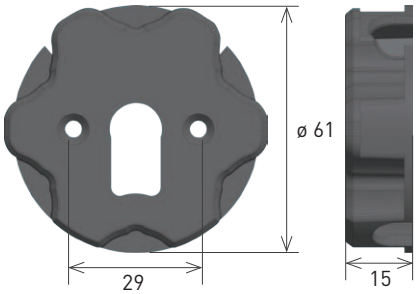
Dimensions in mm



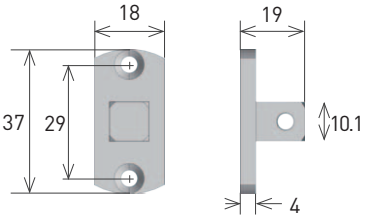
AXPR4 +ML11A056



AXPS

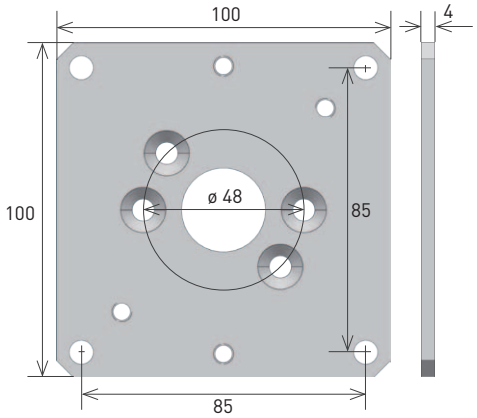


AXT45

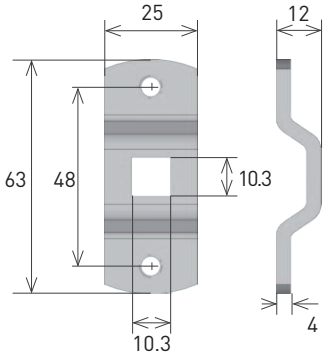


AXQ4

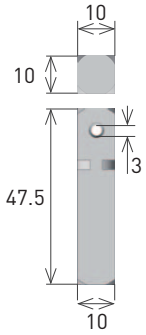
■ **50** range motors (from 4 Nm to 50 Nm)



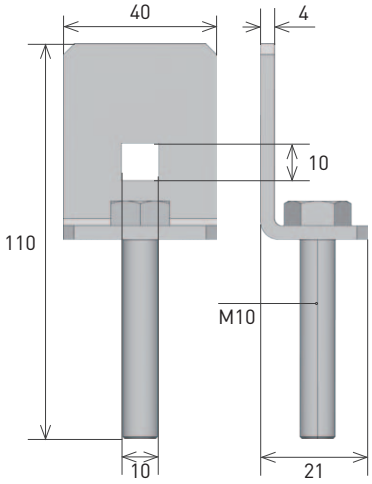
AXNPSM



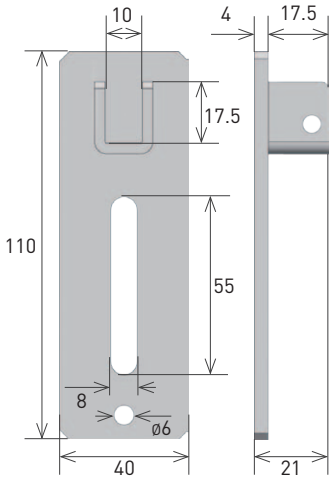
AXPS



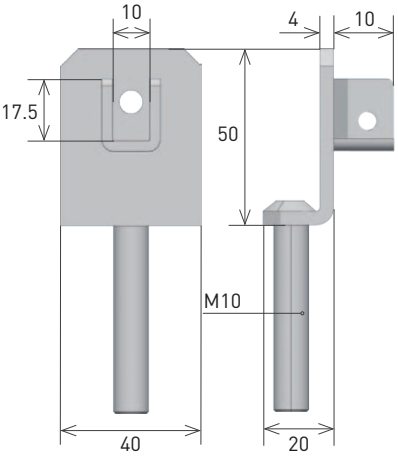
AXQ



AXSR1



AXSV1

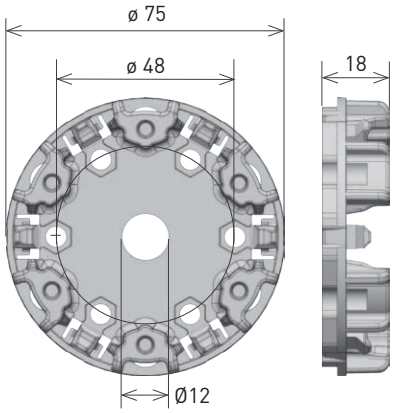


AXSR3

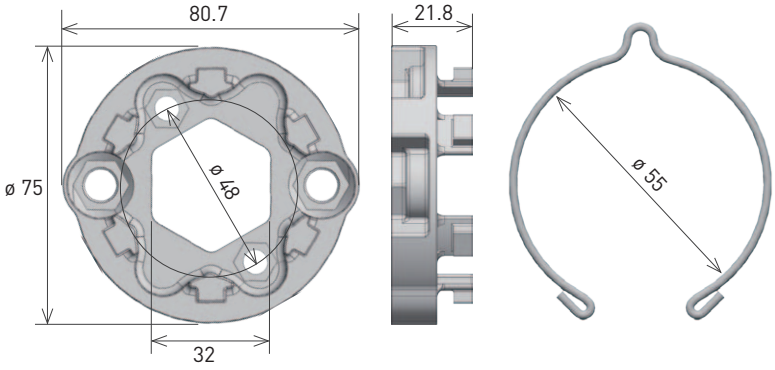
BRACKETS

■ **50** range motors (from 4 Nm to 50 Nm)

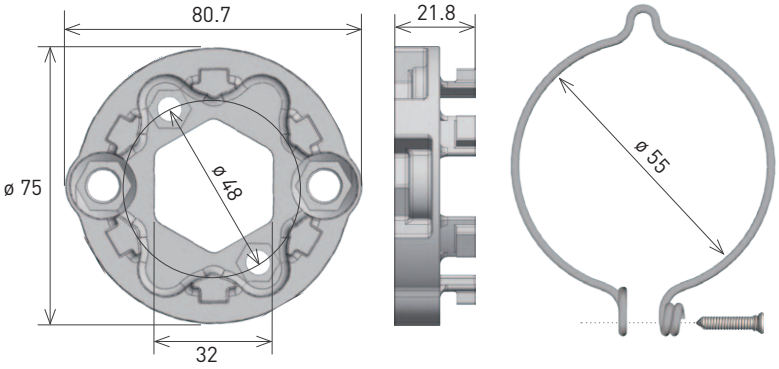
Dimensions in mm



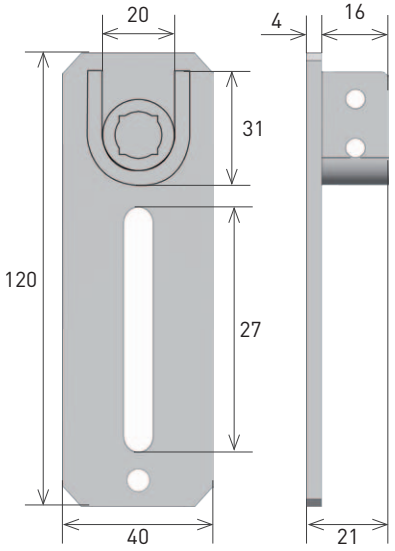
AXPR5 (max 25 Nm)



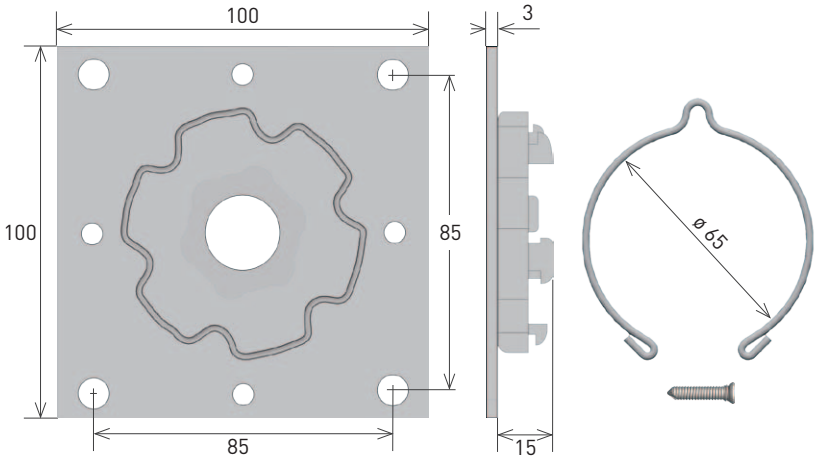
AXPR5Z (max 80 Nm)



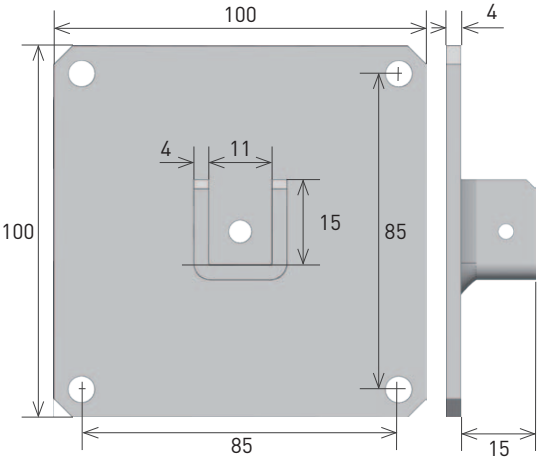
AXPR5ZS (max 80 Nm)



AXQSP



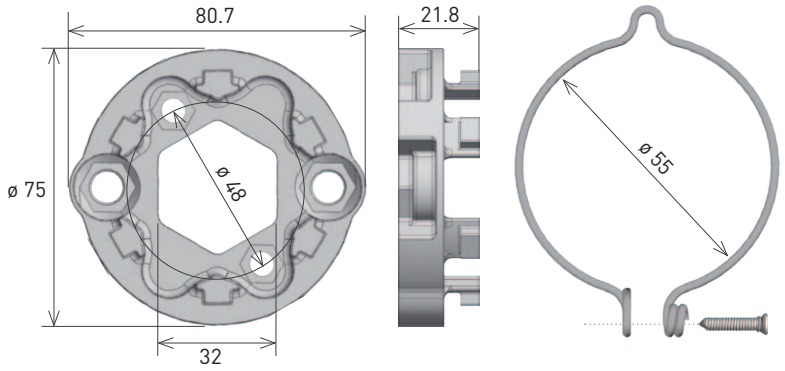
AXPR6Z (max 80 Nm)



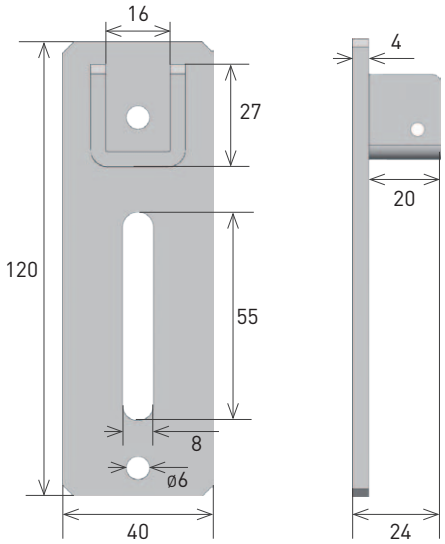
AXPSS

■ **60** range motors (from 60 Nm to 120 Nm)

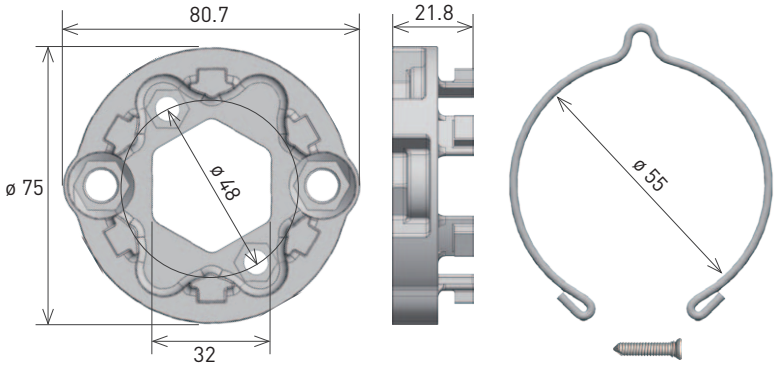
Dimensions in mm



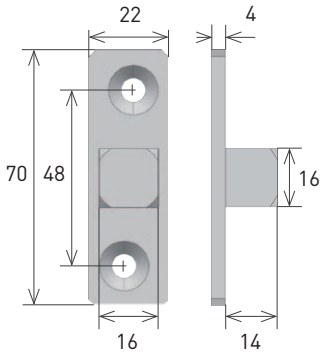
AXPR5ZS (max 80 Nm)



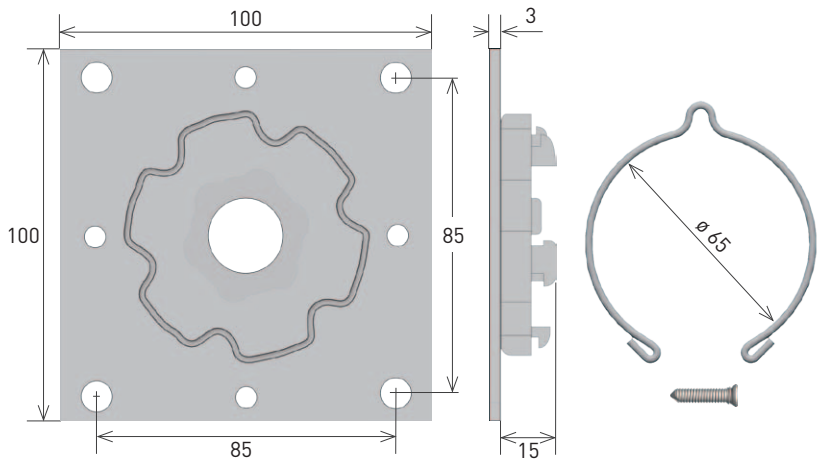
AX5SV1



AXPR5Z (max 80 Nm)



AX5EQ

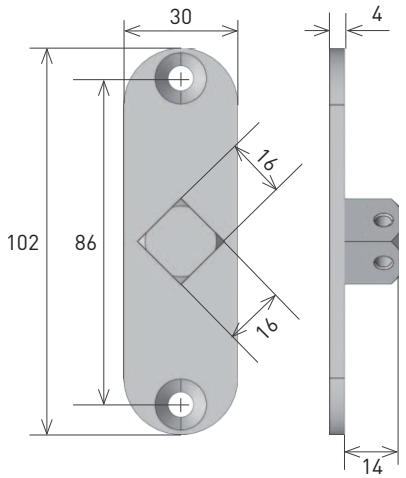


AXPR6Z (max 80 Nm)

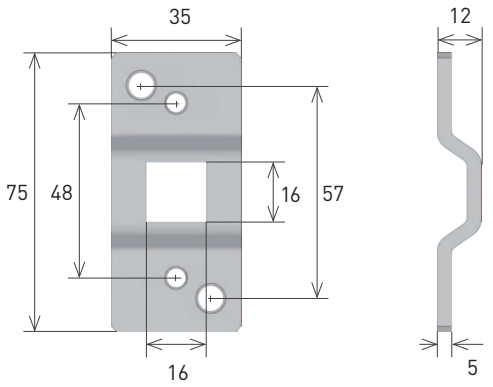
BRACKETS FOR MANUAL OVERRIDE

■ **50/60** range motors

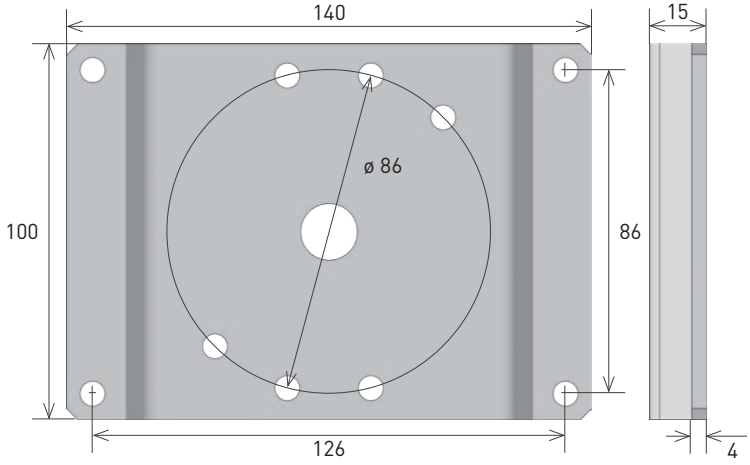
Dimensions in mm



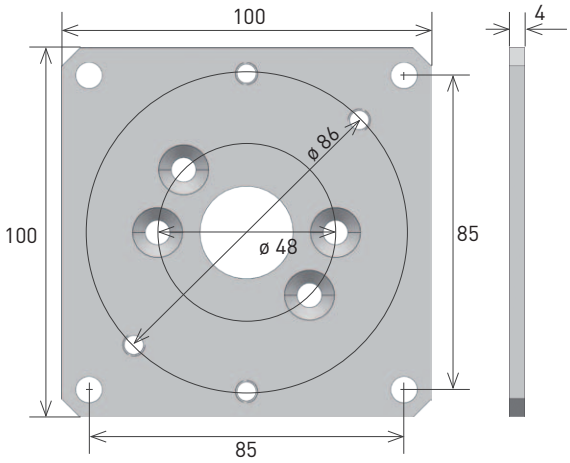
AXNPMQ45



AX5PS



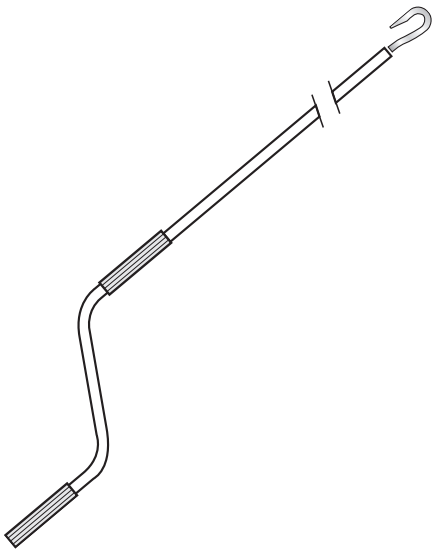
AXNPMS



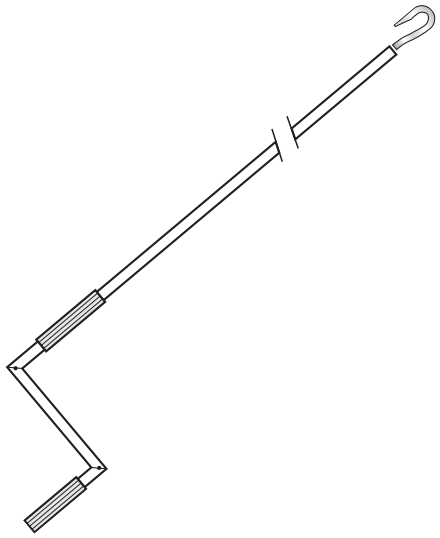
AXNPSM

ACCESSORIES FOR MANUAL OVERRIDE

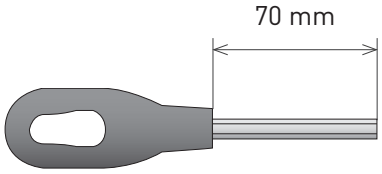
■ **50/60** range motors



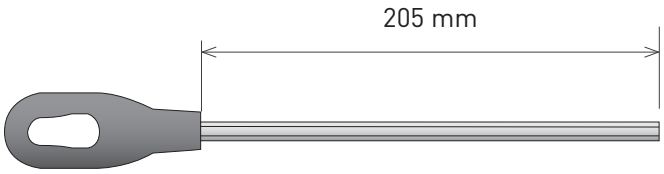
AXAFG150 (l. 150 cm)
AXAFG200 (l. 200 cm)
AXAFG250 (l. 250 cm)



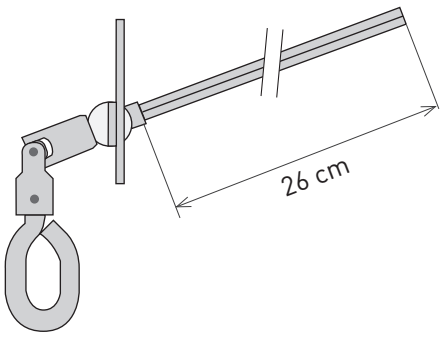
AXASG150 (l. 150 cm)



AXNOF

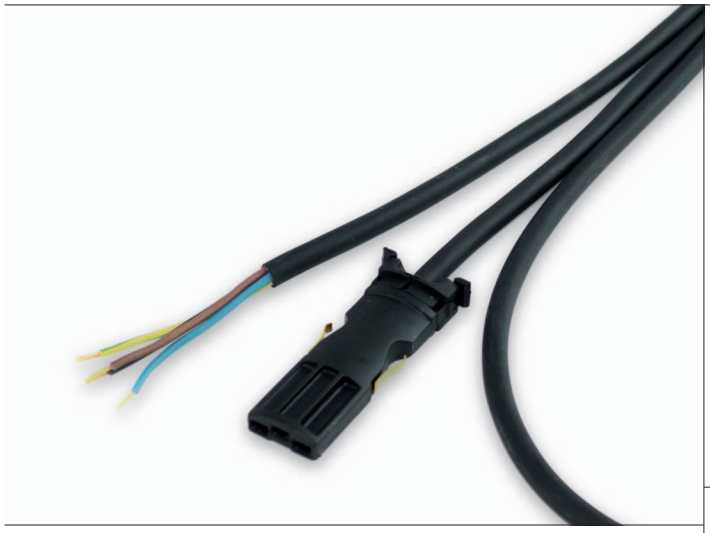


AXNOFL

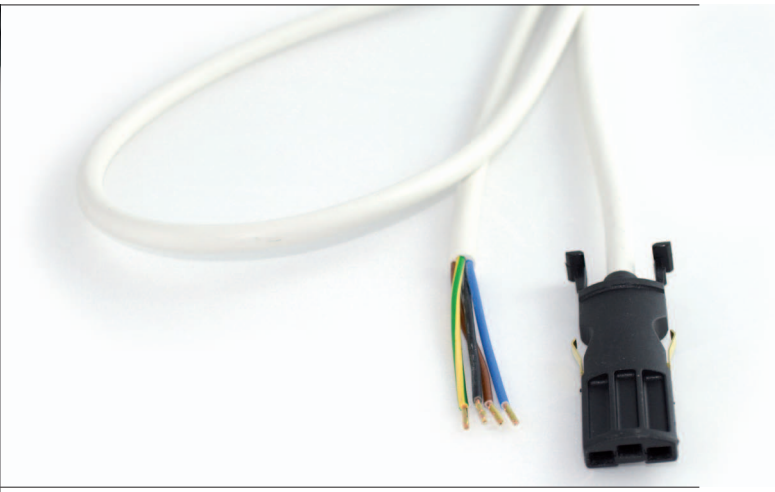


AXNOS45

ADDITIONAL ACCESSORIES



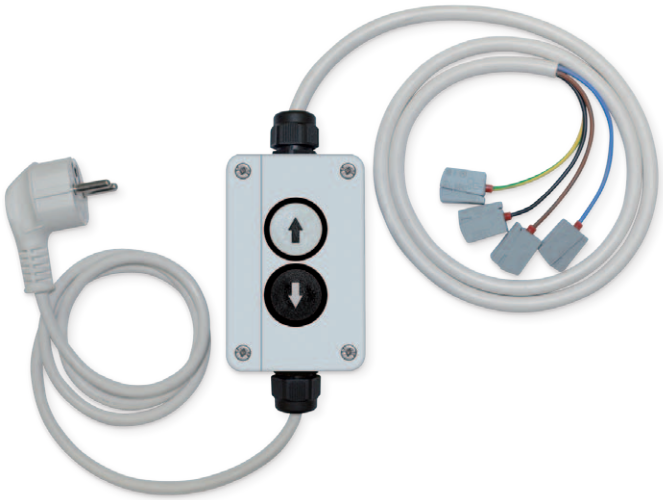
AXSPITA.25GN (l. 2.5 m)
AXSPITA.50GN (l. 5 m)



AXSPI.25 (l. 2.5 m)
AXSPI.50 (l. 5 m)
AXSPI.100 (l. 10 m)



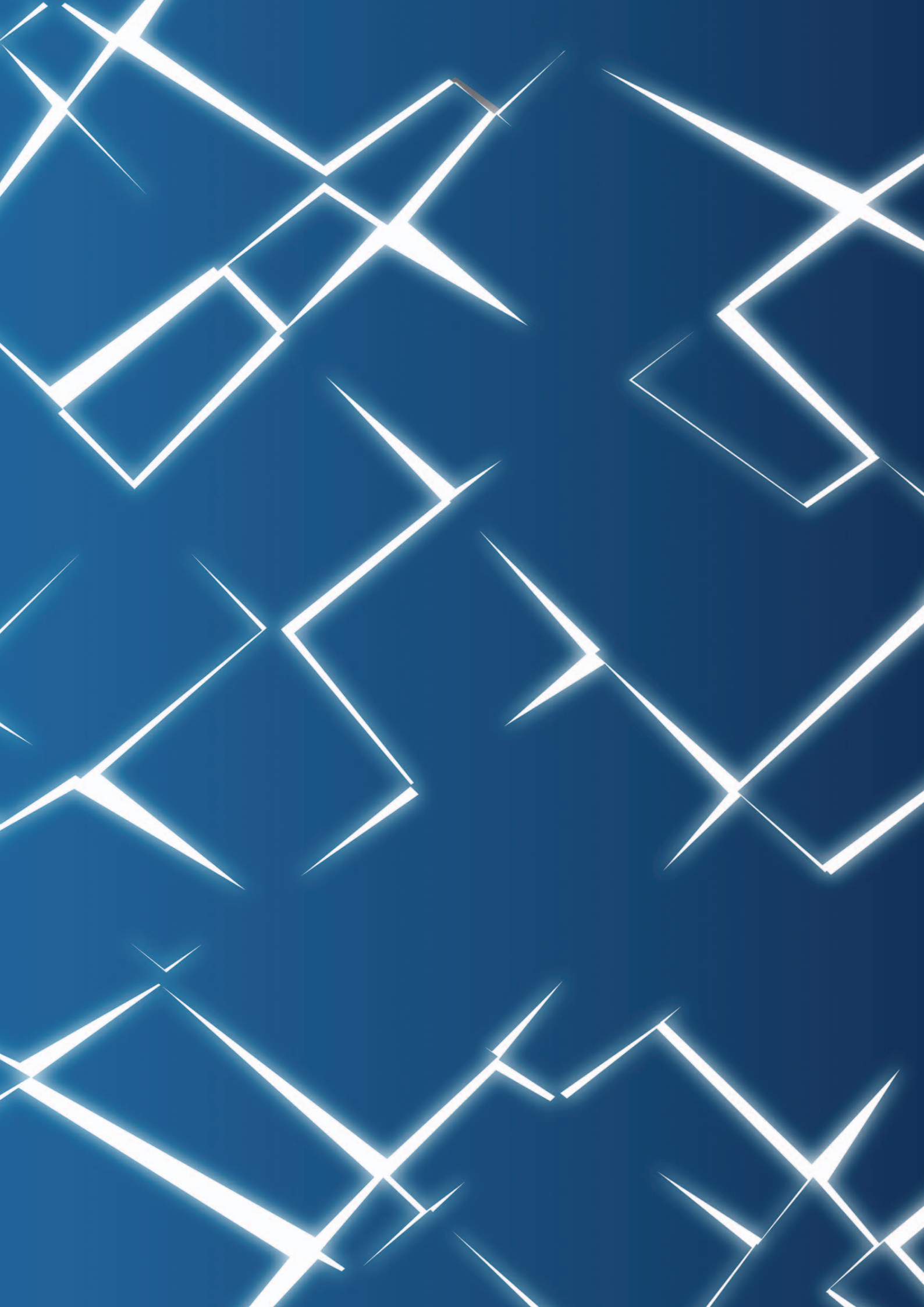
AXSPI.H03D



ACPRET Limit setting tool for electronic motors



AXRF



CONTROLS AND DEVICES

GAPOSA Home automation



Gaposa Hub

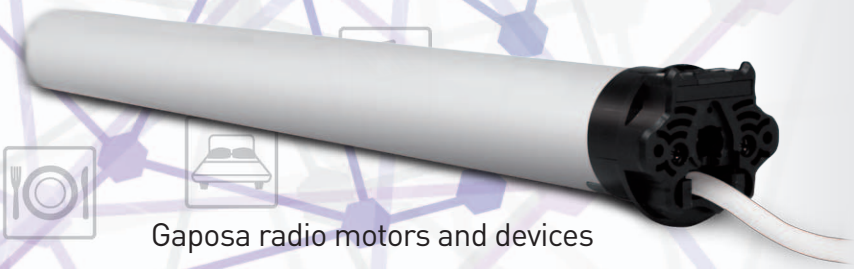


Wi-Fi Router

roll.app



Smartphone / tablet



Gaposa radio motors and devices

Features

- Control up to 32 different Gaposa motorized products from the app from anywhere you are.
- Create as many rooms as you want.
- Create up to 6 favorite rooms that can be easily accessed from the home screen.
- Easily control your shades from the room page with control for UP, STOP, DOWN, and PRESET position.
- Ability to also organize Gaposa motorized products into groups for group control.
- Groups can also be selected as favourites along with rooms (maximum 6).
- Set limits from the app.
- Synchronize motors with the app easily with no need for an existing remote.
- Set up to 10 schedules Each schedule can automate Up, Down, and Preset commands, and have them repeat every day of the week or none of them.
- Schedules can utilize your location to set your shades to go up or down with the sun.
- Schedules can be enabled or disabled so you can make a schedule for when you are away and disable it when you are home.
- Light and Dark Mode options to change the app background.

Available on:

Download on the App Store

GET IT ON Google Play

works with the Google Assistant

WORKS WITH amazon alexa



rollappX

Gaposa Hub

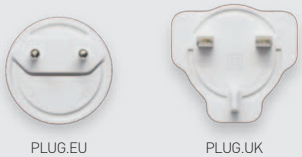


Technical details

Hub Input Voltage	5V
Hub Input Power	0.3 A Max.
Frequency	868.30 MHz
Connection	Wi-Fi
Wi-Fi network	2.4 GHz only
Range	30 m
Protection Rate	IP20
Operation Temperature	0°C to 60°C
Dimensions	70 x 68 x 110 mm
Weight	80 g

Switching power supply

Input:100-240 VAC 50/60 Hz
Output: 5 VDC
Cable length: 300 cm
Dimensions: 40 x 68 x 33 mm



PLUG.EU

PLUG.UK



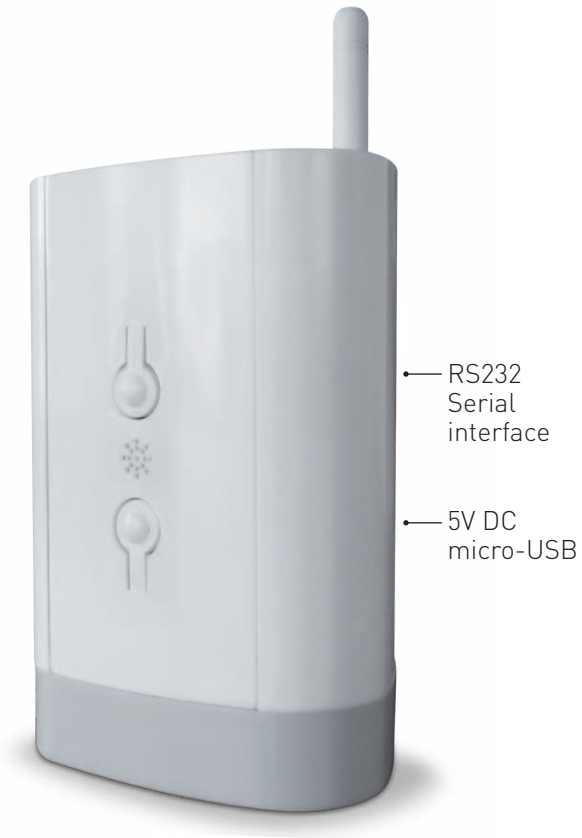
Home automation interface

linkIT

Home automation interface for control of Gaposa radio motors and receivers

Features

- RS232 communication protocol (cables available)
- Control4 driver available
- Individual or group control
- 16 or 24 individual channels
- Tilting mode
- Intermediate position
- LED for feedback
- Reset and programming buttons
- Cables available for easy connection



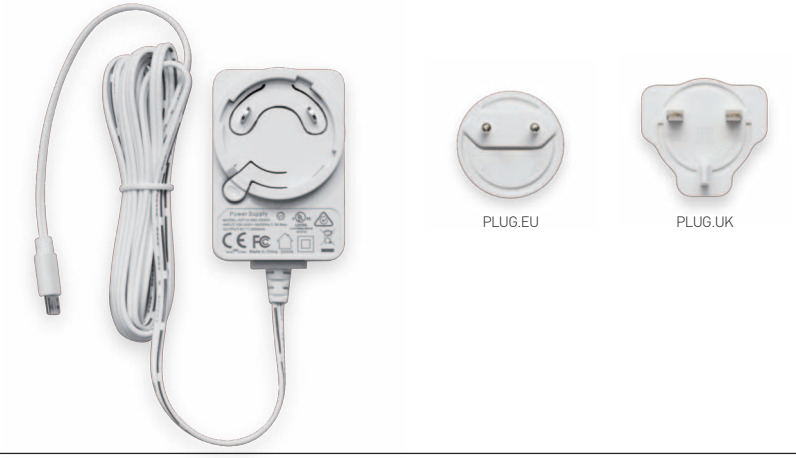
Technical details

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Connection	Wi-Fi
Wi-Fi network	2.4 GHz only
Range	30 m
Protection Rate	IP20
Operation Temperature	0°C to 60°C
Dimensions	70 x 68 x 110 mm
Weight	80 g

Switching power supply

Cod. **ALI5**

Input:100-240 VAC 50/60 Hz
Output: 5 VDC
Cable length: 300 cm
Dimensions: 40 x 68 x 33 mm

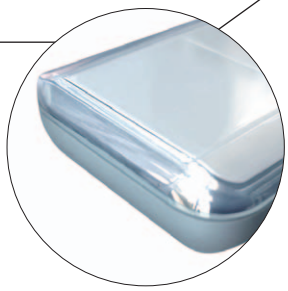




EMITTO element Remote controls

Meet the revolutionary ***Emitto Element***, the water-resistant remote for exterior sun protection. Designed to withstand harsh outdoor elements while providing direct control of your shading solutions.

Waterproof Sealing
Specialized rubber cover and bottom base create impenetrable moisture barriers.Every button and seam is fully protected.





IP55 Rated Protection
Resistant to water splashes and dust infiltration. Performs reliably in outdoor environments year-round.



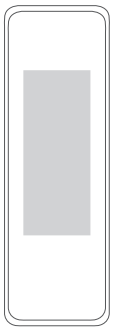
QCTX02YE

5 Channels with Preset/All pushbuttons

Technical details

Channels	5
Frequency	868.30 MHz
Power supply	3V - CR2450
Battery life	2 anni
Radiated power	<10 mW
Protection rate	IP55
Coverage (int/ext)	20 m / 200 m
Encoding	RC Gaposa
Working temperature	-5°C / +40°C

Dimensions



54 x 157 mm

Magnetic wall support (included)



QCTB
43 x 145 mm

EMITTO SMART K LINE Remote controls

A collection of remote controls for interior window coverings and exterior solar protections. They are either single channel or 5 channels and each channel allows users to operate their motorized products. Each channel can control one individual motor or one group of motors.

Finishes



QCTX01**KTB** QCTX01**KT** QCTX01**KB** QCTX01**K**

A discreet complement of your interior décor. Available in white (K), black (KB) and translucent (KT/KTB).

Channels / Functions



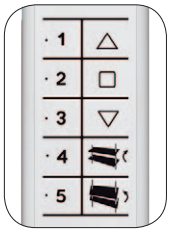
QCTX**01**...
1 Channel



QCTX**02**...
5 Channels with Preset/ All pushbuttons



QCTX**03**...
1 channel version with "Tilting" function and "Preset" pushbutton



QCTX**04**[1]...
5 Channels with "Tilting" function



QCTX**05**...
3 channels sun sensors control

Technical details

Channels	1 to 5
Frequency	868.30 MHz
Power supply	3V mod. CR2032
Battery life	2 years
Radiated power	<10 mW
Protection rate	IP40
Coverage (int/ext)	20 m / 200 m
Encoding	RC Gaposa
Working temperature	-5°C / +40°C

Dimensions



41 x 183 mm

Magnetic wall support (not included)



QCTB
43 x 145 mm

[1]The tilting function is available with all AC motors up to 12 Nm and with DC motors DC XSDC3EX228/128/128L and XSDC3DX228/228L/128

EMITTO SMARTLINE Remote controls

HANDHELD REMOTE CONTROLS

1 Channel



QCTX01HS



QCTX01Y

1 channel
"Tilting"[1] function
Preset pushbutton



QCTX03HS



QCTX03Y

5 Channels
Preset/All pushbuttons



QCTX02HS



QCTX02Y

5 Channels
"Tilting" function[1]



QCTX04HS



QCTX04Y

3 channels
Sun sensors control



QCTX05HS



QCTX05Y

[1]The tilting function is available with all AC motors up to 12 Nm and with DC motors DC XSDC3EX228/128/128L and XSDC3DX228/228L/128

EMITTO SMARTLINE Remote controls

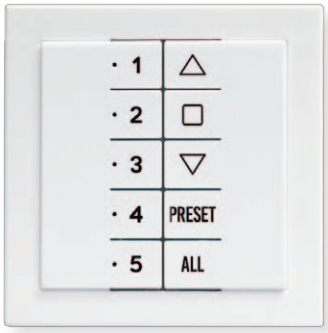
WIRELESS WALL SWITCHES

1 Channel



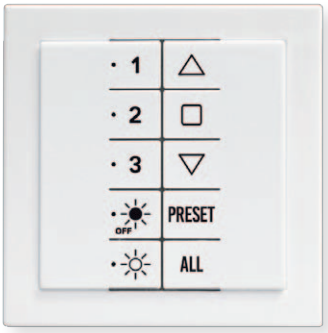
QCTX01M

5 Channels
Preset/All pushbuttons



QCTX02M

3 channels
Sun sensors control

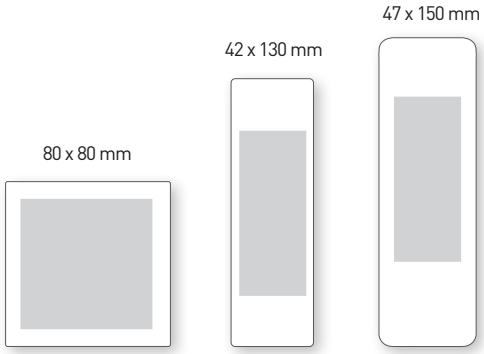


QCTX05M

Technical details

Channels	1 to 5
Frequency	868.30 MHz
Power supply	3V mod. CR2032
Battery life	2 years
Radiated power	<10 mW
Protection rate	IP40
Coverage (int/ext)	20 m / 200 m
Encoding	RC Gaposa
Working temperature	-5°C / +40°C

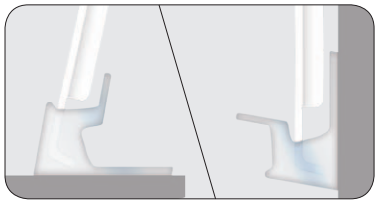
Dimensions



Accessories

Table/wall support
(Included with **HS** models)







Magnetic wall support
(included in the **Y** models)

EMITTO SMART16 Transmitters

Inspired by the elegant and modern design of the *Smart Line* range, the new transmitter *SMART16* is the latest addition of this product line. It can control up to 16 channels in a simple and user-friendly way, through its comfortable LCD display

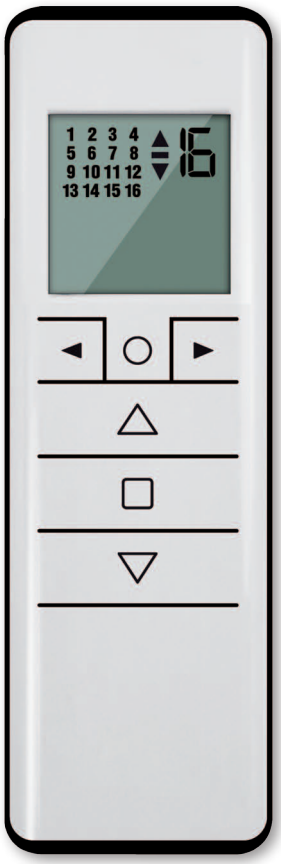
QCTX16SY / QCTX16Y

16 channel remote with LCD display

- 16 channels for individual control
- Possibility to create and control 8 custom groups in addition to all channels
- Hide the unused channels
- Magnetic wall mount bracket
- Timer functions (only for QCTX16**S**Y)



QCTX16SY



QCTX16Y

Technical details

Channels	16
Frequency	868.30 MHz
Power supply	3V - CR2450
Battery life	2 years
Radiated power	<10 mW
Protection rate	IP30
Coverage (int/ext)	20 / 200 m
Encoding	RC Gaposa
Working temperature	-5°C / +40°C

Accessories



QCTB
(included)
Magnetic
wall support



CWR
(not included)
Transparent
protective shell (for
all "Y" models)

Transmitters

Specific features



QCTXS

QCTXS is a transmitter which allows activation/ deactivation of the radio sun sensors through dedicated buttons.

It works with: QCWSSX and QCXSUN.



QCTXL

QCTXL allows a dual control of the light in a room: it is a transmitter for the radio operated shutter/blind/ awning and by additional buttons it switches the light ON/OFF.

It works with: QCXL receiver and DX motors.

Technical details

Frequency	868.30 MHz
Power supply	3V mod. CR2430
Battery life	2 years
Radiated power	<10 mW
Protection rate	IP40
Coverage (int/ext)	20 m / 200 m
Encoding	RC Gaposa
Working temperature	-5°C / +40°C
Dimensions	40 x 120 x 14 mm

Table/wall support
(included)

The *re-verso* is a "piece of art": a transparent bracket allowing the transmitter to stand on a table or to be fixed on the wall.



Radio receivers

QCX09

Control unit for 1 phase motors



Compact radio control unit for awnings and shutters.
It features an input for a cable switch button (sequential logic). It can be connected to a wind sensor allowing the selection of 5 different sensitivity levels.
When set outdoors it is duly protected by a watertight IP55 box.

- Input for a control button with sequential logic
- Input for a wind sensor
- Remote control

Main features

Power Supply (V~)	230 - 50 Hz (±10%)
Frequency (MHz)	868.30
Transmitting Power	<10 mW
Motor power (W)	500
Number of codes	31 x up-stop-down
Protection rate	IP55
Working temperature	-10°C /+60°C
Dimensions (mm)	133 x 50 x 25
Weight (g)	65

QCXL

Control unit for lights

Radio control unit for incandescent lamps up to 1000 W (resistive load).
It includes an input for an ON/OFF switch.



It works with QCTXL

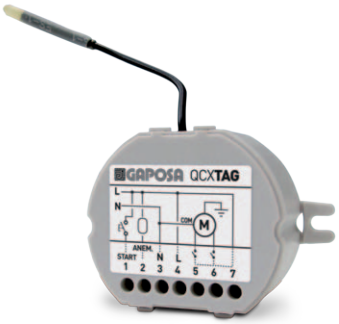
- Input for control button (sequential logic) ON/OFF
- Remote control

Main features

Power Supply (V~)	230 - 50 Hz (±10%)
Frequency (MHz)	868.30
Transmitting Power	<10 mW
Lamps power (W)	1000 (resistive load)
Protection rate	IP55
Working temperature	-10°C /+60°C
Dimensions (mm)	133 x 50 x 25
Weight (g)	65

QCXTAG

Control unit for 1 phase motors



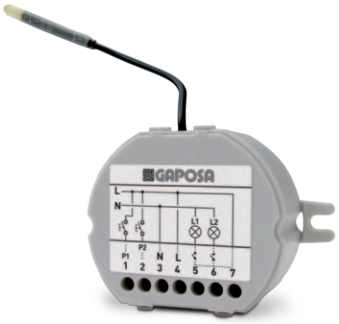
Mini-control unit for the remote control of motors. It fits in only 57 mm diameter slots.
It is ideal to be integrated with Gaposa motors, climatic sensors and the ***RollApp*** smart home system.

Main features

Power Supply (V~)	230 - 50 Hz (±10%)
Frequency (MHz)	868.30
Transmitting Power	<10 mW
Motor power (W)	500
Number of codes	31 x up-stop-down
Protection rate	IP20
Working temperature	-10°C /+60°C
Dimensions (mm)	ø 57 x 27
Weight (g)	65

QCXTAK

Control unit for lights



Mini-control unit for the remote control of motors and lights. It fits in only 57 mm diameter slots. It is ideal to be integrated with Gaposa motors, climatic sensors and the ***RollApp*** smart home system.

It works with Smart Line transmitter range

Main features

Power Supply (V~)	230 - 50 Hz (±10%)
Frequency (MHz)	868.30
Transmitting Power	<10 mW
Lamps power (W)	1000 (resistive load)
Protection rate	IP20
Working temperature	-10°C /+60°C
Dimensions (mm)	ø 57 x 27
Weight (g)	65

RIP868

Repeater for Gaposa radio devices

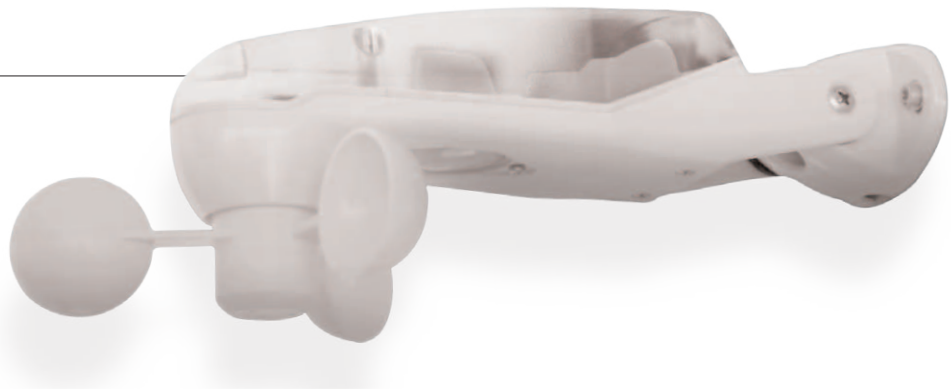


The repeater allows the radio signal of the Gaposa radio devices to be extended.

Main features

Power Supply (V~)	230 - 50 Hz (±10%)
Frequency (MHz)	868.30
Transmitting Power	<10 mW
Coverage (int/ext)	20 m / 200 m
Protection rate	IP54
Working temperature	-10°C /+60°C
Dimensions (mm)	270 x 120 x 90

Climatic sensors



QCWSSX

Radio operated sun wind sensor

QCWSSX allows a wireless communication with Gaposa radio motors.

It performs a:
wind protection function: the patio awning or the exterior roller shade will automatically retract when wind exceeds a preset speed value.
sunshade function: the sun sensor will extend or retract the awning depending on light intensity based on a complex algorithm.

- Protection rate IP54
- ± 90° adjustment
- Bearings in ceramics
- 4 light/5 wind sensitivity levels
- Control of the sun sensor through dedicated transmitters

QCWSX/QC4WSX

Radio operated wind sensor

QCWSX/QC4WSX allows a wireless communication with Gaposa radio motors.

It performs a:
wind protection function: the patio awning or the exterior roller shade will automatically retract when wind exceeds a preset speed value.

- Protection rate IP54
- ± 90° adjustment
- Bearings in ceramics
- 5 wind sensitivity levels

QCWS

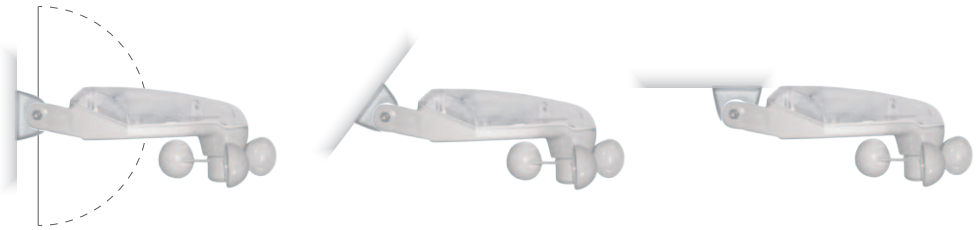
Wired wind sensor

QCWS has a direct connection with the radio motors through 2 wires.

It performs a:
wind protection function: the patio awning or the exterior roller shade will automatically retract when wind exceeds a preset speed value.

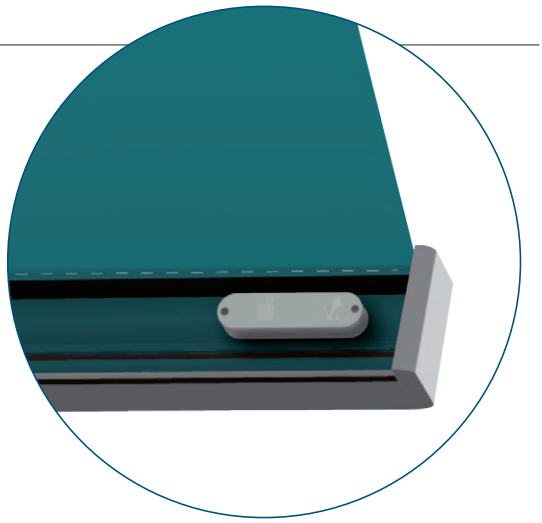
- Protection rate IP54
- ± 90° adjustment
- Bearings in ceramics
- 5 wind sensitivity levels

± 90° adjustment



Technical details

Power supply	230Vac 50 Hz
Frequency	868.30 MHz **(QCWSSX / QCWSX / QC4WSX)**
Transmitting Power	<10 mW
Sun sensor (4 levels)	5 / 20 / 40 / 60 Klux **(QCWSSX)**
Coverage (int/ext)	20 m / 200 m **(QCWSSX / QCWSX / QC4WSX)**
Wind sensor (5 levels)	10 / 20 / 30 / 40 / 50 Km/h
Protection rate	IP54
Working temperature	-5°C /+40°C
Dimensions	270 x 120 x 90 mm



QCMSX

Motion sensor

The QCMSX motion sensor is a wireless, battery powered wind sensor which provides protection by detecting wind generated movements and then retracting the awning.



Designed to protect retractable awning in windy conditions



QCMSXN

Black coloring

Features

- Easy to program
- Simple installation
- Suitable for fitting to the awning terminal bar
- 9x levels of sensitivity
- Low battery warning
- Maintenance-free

Technical details

Voltage	2 x 1,5V AAA batteries
Frequency	868.30 MHz
Transmitting Power	<10 mW
Transmission Distance	up to 100 meters (open space)
Encoding	RC Gaposa
Working temperature	-5°C / +40°C
Dimensions	150 x 37 x 20 mm
Weight	55 g

Radio climate sensors and matching tubulars motors/radio receivers

	XQ / XS 50 AC Motors	XQ / XS 40 AC Motors	SileoXS 30 40 50 DC Motors	AUTONOMO Solar motors 6/10/20/30/40 Nm	AUTONOMO Solar motors 50 Nm	Radio Receivers QCX09 QCXTAG
QCWSSX QCWSX	✓				✓	✓
QC4WSX		✓	✓	✓		
QCMSX	✓				✓	✓

Group control relays

QCM2K

Mechanical relay for group control

QCM2K is a mechanical relay to connect a network of motors in various combinations: it is small enough to fit behind a switch and one single relay can connect two switches to one motor. A network of relays will organize multiple motorized products in groups, subgroups with or without a priority switch and individual control. The QCM2K works as a dead man relay and can be connected to the complete family of Gaposa relays. Easy to install and wire, the QCM2K is a simple module for a complex system.



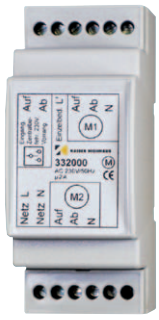
Technical details

Power supply	230 V~ - 50/60 Hz
Output	6 A
Motor connectios	1
Working temperature	0°C / +60°C
Dimensions	52 x 49 x 22
Weight	55 g

QCM2K-D

Mechanical relay for group control

QCM2K is a mechanical relay to connect a network of motors in various combinations: especially designed for DIN rails, it can control 2 motors with 2 individual controls. A network of relays will organize multiple motorized products in groups, subgroups with or without a priority switch and individual control. The QCM2K-D works as a dead man relay and can be connected to the complete family of Gaposa relays. Easy to install and wire, the QCM2K is a simple module for a complex system.



Technical details

Power supply	230 V~ - 50/60 Hz
Output	3 A
Motor connectios	2
Working temperature	0°C / +60°C
Dimensions	64 x 90 x 36
Weight	55 g

Group control relays

QCK1MC

Electronic relay for group control

QCK1MC is an electronic relay to connect a network of motors in various combinations. Perfect for blinds or roller shutters, it can also control venetian blinds with its tilting function after pressing the button. A network of QCK2MC will organize multiple motorized products in groups, subgroups with or without individual control. The operational logic of the relay gives priority to the main switch over the individual one and to the UP command over the DOWN one.
QCK1MC has an electric inter-lock forbidding power supply to both directions.



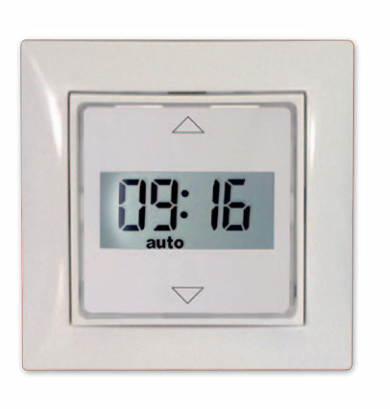
Technical details

Power supply	230 V~ - 50/60 Hz
Absorption	10 A
Motor connections	1
Working time	120 s
Working temperature	0°C / +60°C
Dimensions	43 x 43 x 20 mm
Weight	50 g

QCK2H

Day timer for tubular motor

The QCK2H is intended exclusively for the control of roller shutters and roller blinds as a control system integrating a daily clock with a display screen. The QCK2H must always be powered on to maintain its programming: in the event of a power failure, the existing programming is kept for 2 minutes to compensate the interruption in the electrical network. It can be used as an individual control or as a group control for several motorized products.



Technical details

Power supply	230 V~ - 50/60 Hz
Absorption	3 A
Motor connections	1
Working time	180 s
Memory after power cut	4 h
Working temperature	0°C / +60°C
Dimensions	80 x 80 x 42
Weight	250 g

Funksteuergerät (potentialfreie Kontakte)

QCTX36SD

Dry contact panel – 6 channels



This panel with integrated transmitter enables to interface a network of radio motors with a home automation system. In this way the home automation system controls the radio motors through the UP/STOP/DOWN signals.

The setting of the QCTX36SD panel with the radio motors is accomplished via any standard GAPOSA transmitter.

Technical details

Power Supply (V~)	230 - 50 Hz (±10%)
Frequency (MHz)	868.30
Transmitting Power	<10 mW
Fuse (mA)	315
Protection rate	IP44
Coverage (int/ext)	20 m / 200 m
Working temperature	-10°C /+60°C
Dimensions (mm)	190 x 225 x 88
Weight (g)	2450

Switches

ACPPE

2 momentary buttons switch

ACPPE is a momentary switch for the control of one motor[1].

- Electrical blockade against two occasional simultaneous orders.



55.3x65x26.6 mm

ACPPEF

2 maintained push-bottons

ACPPEF is a maintained push-botton for the control of one motor[1].

- Electrical and mechanical blockade against two occasional simultaneous orders.
- Toggles automatically one rocker when the other is pressed.



55.3x65x26.6 mm

ACPEGS

2 momentary buttons switch

ACPEGS is a momentary switch for the control of one motor[1]. It can be installed both in a flush-mounted box or with a wall-plate.

- Electrical blockade against two occasional simultaneous orders.



87.5x82.5 mm

ACPEFGS

2 maintained buttons switch

ACPEFGS is a maintained switch for the control of one motor[1]. It can be installed both in a flush-mounted box or with a wall-plate.

- Electrical and mechanical blockade against two occasional simultaneous orders.
- Toggles automatically one rocker when the other is pressed.

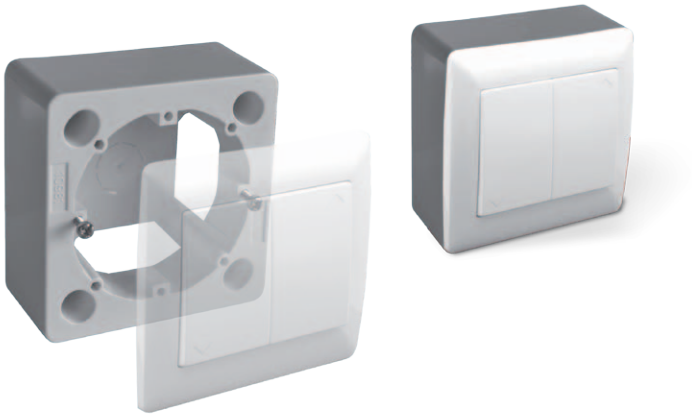


87.5x82.5 mm

[1] *For connection of more than one motor on the same switch button the QCK1M or QCM2K group control module is required.*

ACPESGS

Surface mounting box for ACPEGS/ACPEFGS



80x80x37 mm

ACSI

Selettore di comando a chiave, da incasso con cilindro di sicurezza (cilindro europeo DIN 18252) in box in materiale plastico.



75x90x15 mm

ACSE

Selettore di comando a chiave, esterno con cilindro di sicurezza (cilindro europeo DIN 18252) in box in lega di alluminio.



75x90x50 mm

Control units

433.92 MHz

QC201

Automatic control panel with courtesy light



Features

- Operating logic: semiautomatic, automatic, dead-man (only for closing)
- Manual control with integrated buttons in the front cover
- Remote control (QCTE / QCTRKP)
- Safety devices:
  - Safety beams (active also for opening)
  - Optoelectronic safety edge
- Pause timer and automatic closing
- Courtesy light
- Adjustable working time, from 5 seconds to 4 minutes

Technical details

Power supply / Max Motor power	230Vac ± 10% - 50Hz (singlephase) / 800 W		
Exit 24V~	terminals 11 - 12, MIN 20 VAC, MAX 26.5 V~		
Exit 12Vcc	terminals 9 (+) - 3 (GND), MIN 9.5V, MAX 12.5 V		
AUX exit	terminals 13 - 14, 250V - 2A, resistive load		
Protection fuse	4A (delayed)		
Frequency	433.92 MHz		
Protection rate	IP54		
Working temperature	-10°C / +50°C		
Dimensions	140 x 230 x 70 mm		
Maximum current (12V⎓ / 24V~)	**Loading condition**	24V~	12Vcc
	Case 1	0mA	50mA
	Case 2	**70mA**	**40mA**
	Case 3	140mA	10mA

Accessories for garage's doors

433.92 MHz

QCTE

4 channels hand-held transmitter



Channels	4
Frequency	433,92 MHz
Power supply	3V mod. CR2430
Battery life (years)	2
Radiated power	<10 mW
Protection rate	IP40
Coverage (int/ext)	20 m / 200 m
Encoding	RC Gaposa
Working temperature	-10°C / +50°C
Dimensions (mm)	35 x 53 x 12

QCTRKP

Wireless wall-mounted digital selector



Channels	2
Frequency	433,92 MHz
Power supply	2x 3V mod. CR2430
Battery life (years)	2
Radiated power	<10 mW
Protection rate	IP54
Coverage (int/ext)	20 m / 200 m
Encoding	RC Gaposa
Working temperature	-10°C / +50°C
Dimensions (mm)	75 x 85 x 36

QCRS1

Receiver



QCRS1 is a self-learning receiver, able to memorise up to 31 codes in a simple and quick way. It features a strong water-tight box.

- Transmitters' radio self-learning
- Sequential transmitters programming
- Proper functionality even in interfered areas.

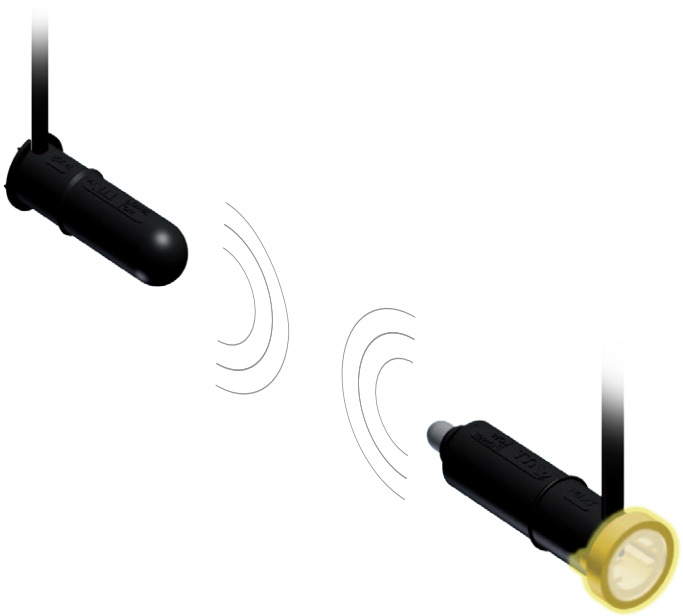
Power supply	24 V DC/AC
Frequency)	433.92 MHz
Relay	1A / 30 VDC
Irradiation on antenna	-60 dBm
Sensitivity	102 dBm
Consumption (standby)	30 mA
Protection rate	IP55
Working temperature	-20°C /+60°C
Dimensions	50 x 133 x 25 mm
Weight	65 g

Electronic safety devices

433.92 MHz

QCSE2

Optoelectronic safety beams



A set of Ø12 mm optical beams, spiral cable, and junction box and two stops (35mm) for complete protection against all obstacles.

- The beams are suitable for all common bottom rubber profiles and assure full functionality even in large door widths. They are less sensitive to wind load and bending and are resistant against voltage reversal and short-circuits
- The cable is tested and guarantee for 100.000 cycles under hard conditions
- The junction box (IP 65) has a very flat design to suit any door slat and a strong strain relief for the spiral cable.



Range	12 m
Operating voltage	9/16V resistant against voltage reversal
Current consumption	typ. 3.8mA
Output	transistor output max. load 20mA short-circuit proofed
Output frequency	automatic recognition typ. 900Hz
Output signal	rectangular signal low level 0-0.5V / high level 2.5-4V
Wire	3x0.14 mm^2, ø 3.4mm PUR, halogen free, acid-and oil-resistant
Operating temp.	-25°... +75°C
Dimensions (mm)	Ø12 x 39

QCF4

Infra-red safety beams

- Self-aligning
- 15 m range



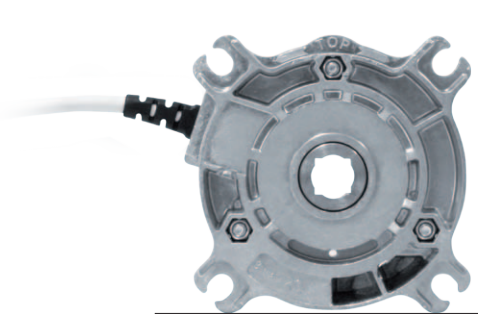
Power supply	12 - 24V AC/DC
Relay contact	1A MAX 30V DC
Working temperature	–10°C / +60°C
Absorption	2W
Protection Rate	IP54
Dimensions	56x82x24 mm



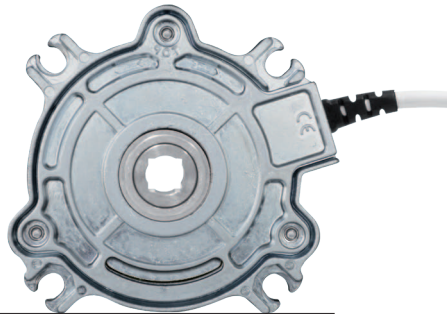
SAFETY BRAKE

M1A
P200

Safety brakes with symmetrical surfaces for installation without conditions

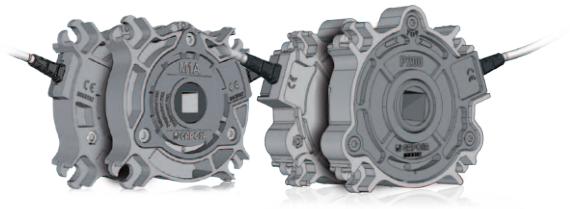


M1A



P200

	M1A	P200
Nominal torque (Nm)	80	137
Locking torque (Nm)	436	575
Working speed (rpm)	22	22
Screw tightening torque (Nm)	4.0	8.0
Approval number	TorFV 10/154	TorFV 18/185
Weight (Kg)	0.85	1



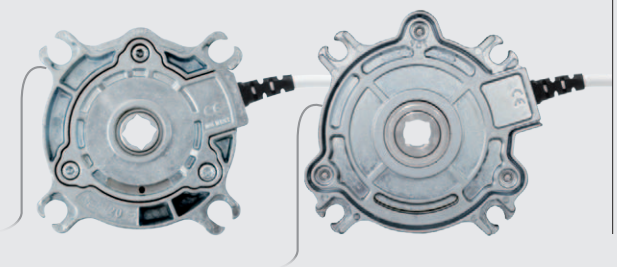
Symmetrical surfaces

Bidirectional locking system

Specific versions

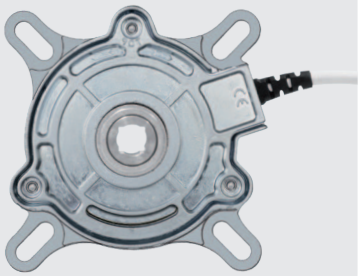
M1H / P200H

H versions featuring a **free rolling pre-set**.
The brake is supplied in free rolling condition, meaning the locking component is disabled until a cord is pulled out thus activating it.



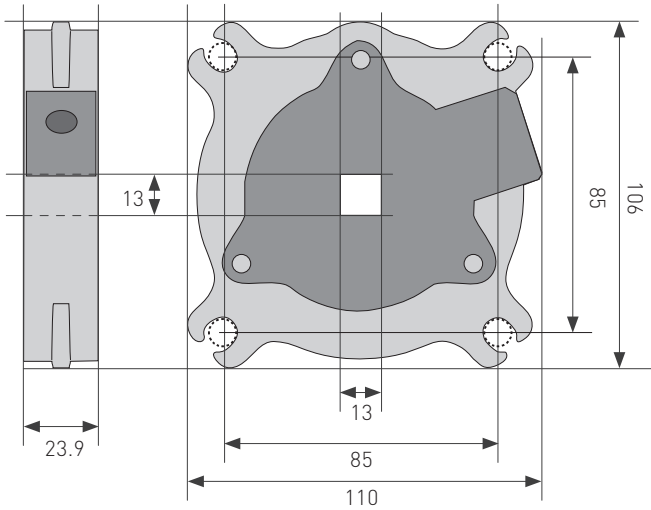
P200M

Developed for specific end caps, the P200M safety brake has a galvanized protection.

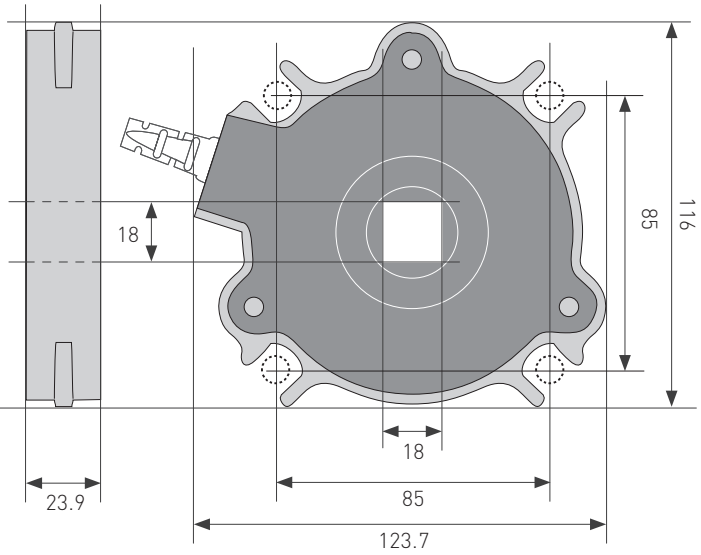


SAFETY BRAKE Dimensions (mm)

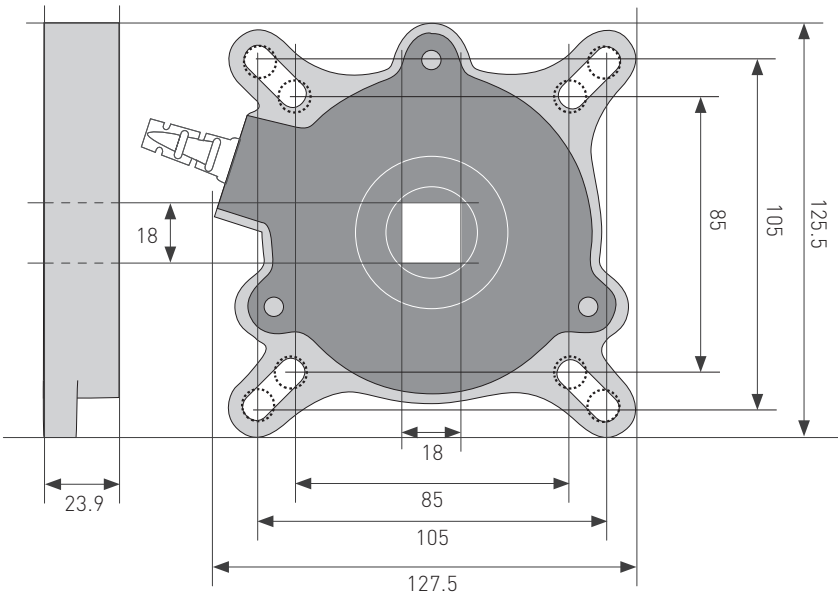
M1A / M1H



P200 / P200H



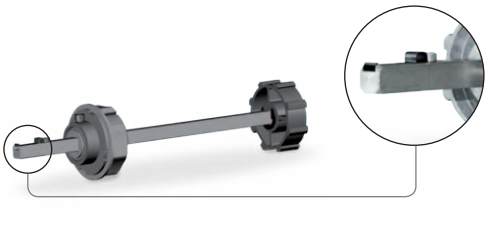
P200M



SAFETY BRAKE

Adjustable caps

Adjustable caps (CLIP)
M1A



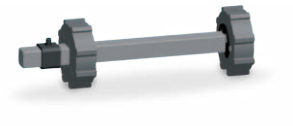
SQUARE SHAFT 13 mm - LENGTH 250 mm

AXCL135725	for 70 mm octagonal tube
AXCL137825	for 78 mm round tube
AXCL138925	for 89 mm Deprat tube

SQUARE SHAFT 13 mm - LENGTH 600 mm

AXCL138960	for 89 mm Deprat tube

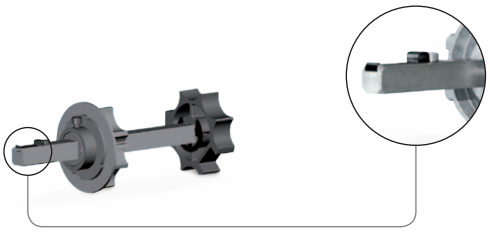
Adjustable caps (STANDARD)
M1A



SQUARE SHAFT 13 mm - LENGTH 250 mm

AXC135725	for 70 mm octagonal tube
AXC13ZF8025	for 80 mm ZF round tube
AXC13589	for 89 mm Deprat tube
AXCR131012	for 101,6x3,6 mm round tube
AXCR1370	for 70 mm round tube
AXC13O625	for 60 mm octagonal tube

Adjustable caps (CLIP)
P200



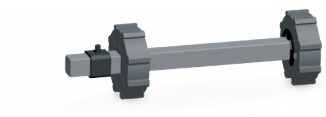
SQUARE SHAFT 18 mm - LENGTH 250 mm

AXCL185725	for 70 mm octagonal tube
AXCL187825	for 78 mm round tube
AXCL187025	for 70 mm round tube
AXCL188925	for 89 mm Deprat tube
AXCL1810125	for 101.6x3.6 mm round tube
AXCL18101225	for 101.6x2.0 mm round tube

SQUARE SHAFT 18 mm - LENGTH 600 mm

AXCL188960	for 89 mm Deprat tube

Adjustable caps (STANDARD)
P200



SQUARE SHAFT 18 mm - LENGTH 250 mm

AXC5725	for 70 mm octagonal tube
AXCZF6425	for ZF 64 mm tube - **Max motor torque allowed: 40Nm**
AXCZF8025	for 80 mm ZF round tube
AXCR7025	for 70 mm round tube
AXCD58925	for 89 mm Deprat tube
AXCR10125	for 101.6x3.6 mm round tube
AXCR101225	for 101.6x2.0 mm round tube

SQUARE SHAFT 18 mm - LENGTH 600 mm

AXCD58960	for 89 mm Deprat tube



General terms of sale

1. **PRICES** - Prices are subject to variation without notice. Should our costs increase, the agreed prices may be varied at any time even throughout the supplying stage. Prices are for goods delivered ex-works.
2. **DELIVERY DATES** - Despatch dates are guideline and not binding. No compensation of any kind will be paid for any direct or indirect damage due to delayed deliveries, or total or partial interruption of the supply of goods.
3. **SHIPMENT & TRANSPORT** - The goods are always shipped at the purchaser's risk, even if they are sold CIF. If no specific agreement is reached, they will be shipped by the means considered the most appropriate and no responsibility will be accepted for any delays. The purchaser must verify quantities and perfect state of the goods at their arrival.
   Any complaint for missing or damaged goods must be notified right upon delivery to the transport agency. No returns or complaints will be accepted after eight days from receipt of the goods by the purchaser.
4. **PAYMENT** - Goods will be paid (even in partial deliveries) as specified in the invoice at our address. The purchaser cannot postpone payment beyond the expiry date for any reason. Any charges for possible outstanding payments are at the buyer's expense as well as the interest on arrears that we calculate in case of delayed payments.
5. **WARRANTY** - Duration: On residential motorisations, GAPOSA grants a total warranty of 5 years upon the invoicing date. On industrial and commercial motorisations and on all controls and devices, GAPOSA grants a total warranty of 2 years upon the invoicing date.
   By warranty we mean the replacement or repair, free of charge, of defective equipment which we also consider as such, as faulty design, material or workmanship. Equipments that are repaired or replaced during the warranty period are subject to the same conditions. All costs met for shipping the items under warranty are of the purchaser's charge.
6. **EXCEPTIONS TO THE WARRANTY** - The warranty does not cover:
   - those products damaged because of a wrong installation or as a consequence of an improper use;
   - those products damaged by an electrical connection not in compliance with the diagrams provided with the products or with the rules in force or products damaged as a consequence of a breakdown or defect of the electric mains;
   - the damages that occur when products are used in a way different from the one indicated by the manufacturer;
   - the consequences of natural catastrophes, reasons of "force majeure" or fortuitous events;
   - those defects due to the use of electric and control accessories of other manufactures (such as, control boards, electric accessories and any other article that may be not compatible with GAPOSA equipments);
   - the expenses for repairing and replacing the damaged products after being installed on systems that work badly because of an improper installation;
   - the expenses met for the disassembly and reinstallation of the products;
   - the transport charges for the items to be repaired.
7. **VARIANTS** - Any waivers of these terms of sale indicated above which are agreed between the parties will be strictly limited to the agreements reached and will never imply variations of the remaining conditions, which will continue to be unchanged and confirmed, where no specific reference is made.
8. **LEGAL JURISDICTION** - The only law court with jurisdiction over any dispute shall be the law court of Fermo.
9. **PATENT PROTECTION** - Some technical solutions of the drives and safety brake are covered by international patents.

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