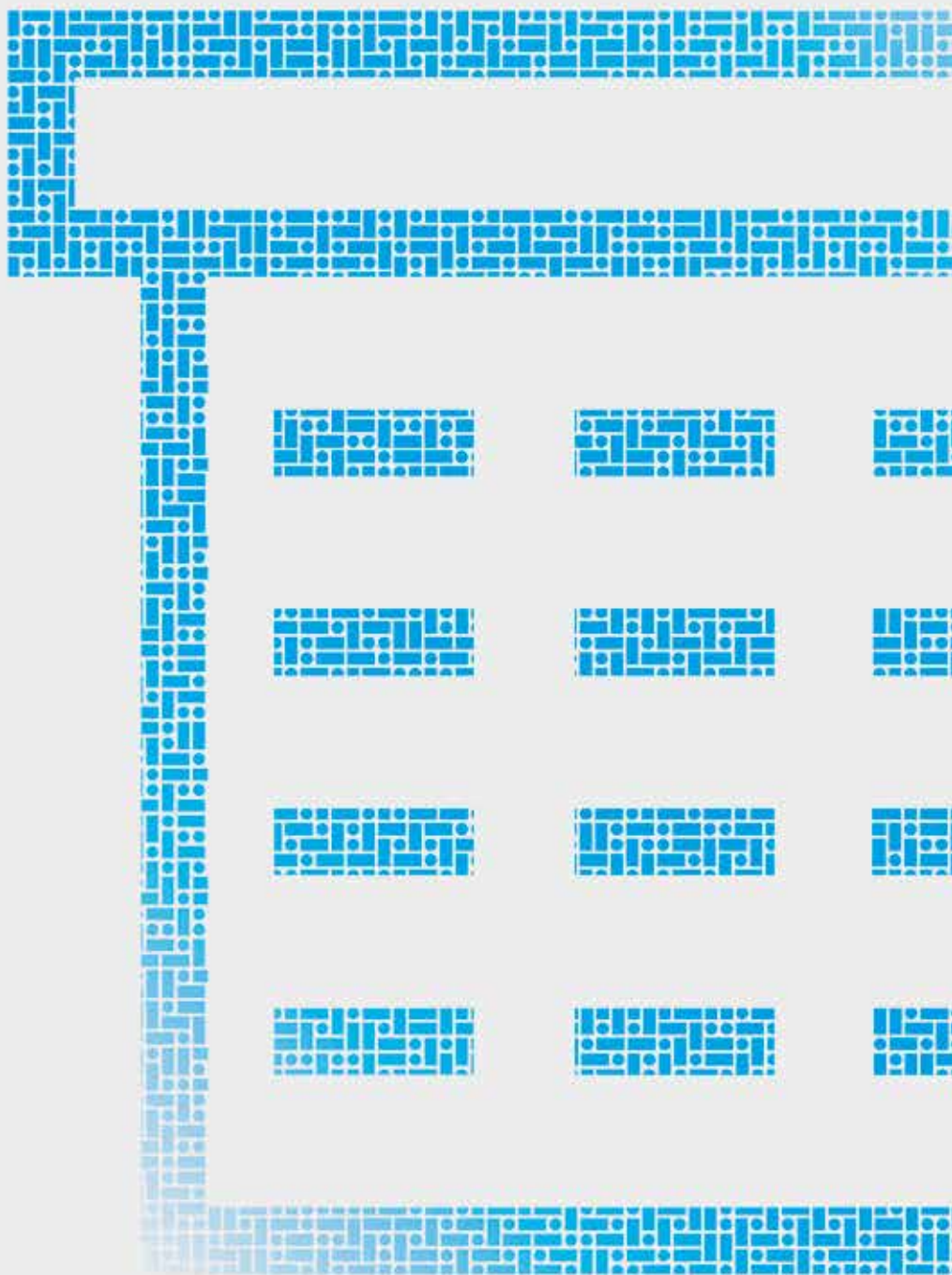


CATALOGUE SHUTTERS, AWNINGS AND BLINDS MOTORS



CAME 
MORE THAN TECHNOLOGY

CAME 

GENERAL INDEX AND LEGEND OF SYMBOLS

ICONOGRAPHY



News

SUGGESTED



Awnings



Shutters



Shades



Cable-based



Radio-based



Emergency maneuver



Obstacle detection



Full automatic



Short



Roll up doors



Batteries

OBLIGATORY



Shutters



Blinds



Cable-based



Radio-based

GUARANTEE



5 YEARS
WARRANTY

REGULATORY COMPLIANCE



CONFORMITY
TO FRENCH
REGULATORY
STANDARDS

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VISION

VISION

We believe in a world where sustainable technological innovation makes people's lives more comfortable, simple and secure

MMS



MISSION

To create a global offer of high-quality technological products and solutions for automation, smart homes, access control and security to improve our customers lives and our partners business

CAME 
MORE THAN TECHNOLOGY

WE'VE BEEN SPEAKING ABOUT QUALITY LIVING, IN ALL THE WORLD'S LANGUAGES, FOR 50 YEARS.

50TH
ANNIVERSARY

CAME has catered to people's needs for 50 years by using technology as a key to a quality life. Every project drives our innovation and focus to make people's lives as comfortable as possible. CAME is a company where skills and experience come into play. Its know how blends functionality and design continuously improving performance.

You are sure that you can rely on professionals able to transform our innovations into solutions, to create customized automation proposals integrated with the best connectivity and mobility technologies. CAME and its partners, together, to satisfy its increasingly demanding and heterogeneous customers for their culture and needs, in order to transform living spaces into more intelligent and safe places.

CAME 

CAME  BPT

CAME  URBACO

CAME  ÖZAK

CAME  GO

CAME  PARKARE

CAME  KMS

CAME  NEPOS

CAME  ENTROTEC

ALWAYS ONE-STEP-AHEAD

CAME is a market-leading brand that makes integrated automation solutions, video-entry, access control and parking systems for the public and private sectors. The CAME Group boasts a series of highly specialized companies. Together they cover a large share of their market. The group delivers cutting-edge solutions for the residential, business and urban segments. Whether its home automation or heating control, road barriers and high-security bollards, or automatic doors and sectional industrial doors, CAME Group is a key player. Today CAME is set on one, distinct corporate vision, which makes the organization a cutting-edge technological partner.

RESIDENTIAL SOLUTIONS



We have gone on to develop an idea of home automation that is increasingly integrated and connected with people's lives. Today, automation is at the heart of the home, managing entrances and garage doors, controlling blinds and shutters, video entry systems and climate control.



BUSINESS SOLUTIONS



For every public area, we offer the most sophisticated systems for pedestrian and vehicle access control and security, video entry systems and parking solutions. Small and large companies, commercial enterprises, large buildings: CAME-branded automation provide control and safety in both small and large working environments.

URBAN SOLUTIONS



The complexity involved in living spaces and in mobility flows require ever greater protection and security, plus enhanced reactive capacity and greater know-how. Our offer is geared to meet the different automation needs for urban planning and architectural scenarios. CAME solutions are engineered for managing safety and control in large works and for contributing to the planning of urban spaces making them "Safe and Smart", as called for in today's fast-paced, metropolitan centres.





PARKING SOLUTIONS

SPK

Ideal solution for large parking facilities with an innovative approach to service.

PKE

Ideal solution for large parking facilities with special configuration requirements

PKM

Ideal solution for small and medium sized parking facilities

LINCE

The software platform for management, monitoring and real time remote reporting via smartphone, tablet or PC. Multi-parking management with users and subscriptions centralisation, for validity on all systems. Datacenter with service continuity and servers automatic scalability. 360° assistance and service



Find out more on came.com/parkare

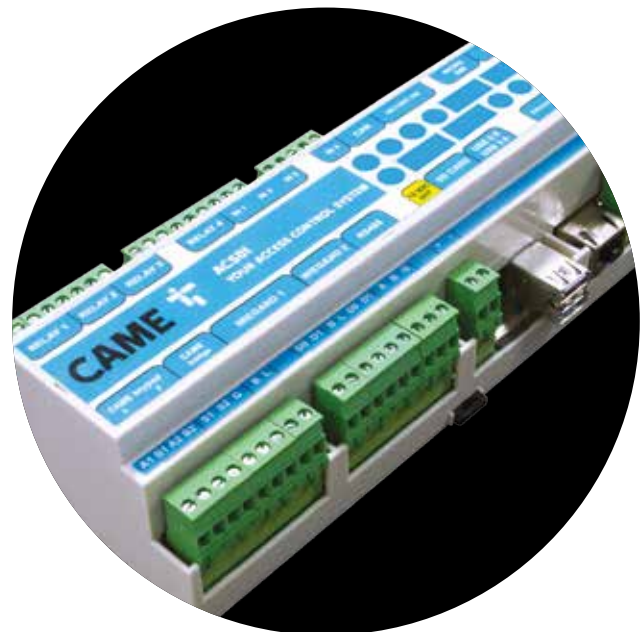
CAME  **PARKARE**



ACCESS CONTROL SYSTEM

ACS01

The access control system specifically developed to provide a practical solution for different scenarios. Easy to use via the web interface, it is capable of controlling a single gate through card reader, or of managing a complex system with many gates, several control devices and a potentially infinite number of users.



Find out more on came.com/acs01

CAME 

VEHICULAR ACCESS CONTROL



FIXED AND MOBILE BOLLARDS

For delimitation of traffic routes, parking facilities or areas where access to vehicles is prohibited

AUTOMATIC BOLLARDS

For urban areas protection and vehicle flow regulation in both public and private areas

MANAGEMENT AND CONTROL

An integrated system that allows centralized remote management of all accesses with retractable bollards



HIGH-SECURITY BOLLARDS

For the protection of strategic access points and sensitive facilities against ramming vehicles

ROAD BLOCKERS

The highest level of burglar-proof security, to prevent access by unauthorized vehicles

Discover the SMART & SAFE solutions at came.com/urbaco
Discover the full range on came.com/ozak

CAME  **URBACO**
CAME  **ÖZAK**

PEDESTRIAN ACCESS CONTROL



TURNSTILES AND SPEED GATES

For access management and control in elegant settings with fast passage requirements

HIGH-SECURITY TURNSTILES

For access control in locations that require high levels of protection

Find out more on came.com/ozak



CAME  ÖZAK





AUTOMATIC DOORS

DISCOVER THE SOLUTIONS FOR AUTOMATIC PEDESTRIAN DOORS

A complete line of automatic sliding or swing doors, equipped with state-of-the-art electronics, available in different versions, also for special uses or emergency exits. Equipped with Brushless motors for maximum efficiency and reliability, and the innovative Direct Drive system that ensures exceptionally quiet movements.

Find out more on came.com/pedestrian-doors

CAME 



VIDEO ENTRY SYSTEMS

INTERCOM RECEIVERS

Intercom and video intercom-entry solutions with modern design and technology

ENTRY PANELS

Advanced single-block or modular devices for single users or for large housing complexes



SHUTTERS AND BLINDS SOLUTIONS

AUTOMATION FOR ROLLER SHUTTERS AND BLINDS

A complete series of operators for any installation setting



Find out more on came.com/blinds-and-awnings

CAME 

SECTIONAL DOORS

SECTIONAL DOORS FOR HOMES

Solutions that combine quality and design to give aesthetic value to any living environment

SECTIONAL DOORS FOR INDUSTRIAL SETTINGS

Robust, reliable and secure solutions that ensure maximum efficiency for your business



Find out more on came.com/go

CAME  **GO**

OUR WORLDWIDE NETWORK.

We are a worldwide network.

From the Treviso head office, home to the group's thriving core, we coordinate 11 manufacturing plants and 10 R&D units. We have subsidiaries in 20 countries and, thanks to our commercial partner and distributors, we operate in 118 countries with an integrated and global vision.

We are the technology partner for those projects that require integrated systems for improving the quality of our living space – whether private or public. Our products are made for controlling homes, managing urban venues and workplaces, of any kind, anywhere in the world.

Our Group shares common goals, which go well beyond our respective specializations: thanks to the synergies that exist among all the divisions and brands, we share a modus operandi that enriches our diversity.

BRANCHES AMERICA

Brazil
Chile
Mexico
Perù
USA



2000

OUR PEOPLE AROUND THE WORLD

CAME HQ

Treviso, Italy

BRANCHES EUROPE

Italy	Poland
Belgium	Portugal
Croatia	Russia
France	Spain
Germany	UK
Ireland	Turkey
Netherlands	

10

R&D CENTRES

20

COUNTRIES WITH DIRECT
BRANCHES

118

COUNTRIES WITH PARTNERS
AND DISTRIBUTORS

11

PRODUCTION PLANTS

Dosson di Casier - Italy
Sesto al Reghena - Italy
Spilimbergo - Italy
Hemel Hempstead - UK
Vedene - France
Barcelona - Spain
Kocaeli - Turkey

!

BRANCHES ASIA

India
The UAE

480

WORLDWIDE DISTRIBUTORS
AND PARTNERS



TRAINING THAT MAKES A DIFFERENCE.



TRAINING LAB

Professionals have a tough job, which always requires upgrading and updating.

Technical and product developments are not the only issues; the keys to success are a deep regulations knowledge and a strong relationship with customers, that are always more demanding for efficient services.

TRAINING LAB is the online platform dedicated to all professionals who would like to keep up-to-date with new CAME technologies in a simple and convenient way. It is designed to enhance the experience of CAME technicians around the world and is available in several languages.

A unique tool to enhance professional skills, always available through in-person courses, online webinars and e-learning programs.

Register and see the list of available courses:
<https://traininglab.came.com/global>

A TEAM OF PROS

CAME offers to installers its own team of trainers, composed by technicians specialized in each product lines. All the trainers are internal staff members with great know-how and experience on projects, sales and technical issues. Each course provides the attending professionals with all is necessary for their job, so they can stay abreast of the latest market developments.

TRAINING COURSES.

INVESTING IN YOUR STAFF
BUILDING YOUR BUSINESS

CAME TRAINING TEAM



FOR INFORMATION AND REGISTRATION:



Access the specific training page of the came.com/training website



Send your request to traininginternational@came.com



Call for more information at +39 0422 15 69 511 during business hours.

Upon request, CAME will design and deliver courses, tailored around your needs, by setting up the learning path, course schedule and locations.

The training program also continues online, thanks to the webinar formula for in-depth analysis of all CAME topics.

A complete and constantly updated calendar, with schedules compatible with the work of our partners and automation professionals, to offer continuous and tailor-made updating solutions.



WE ARE THE QUALITY WE WANT TO ACHIEVE



CAME's working methodology is based on the continuous improvement of production processes, security and relationships, but a great result can only be achieved with everyone's contribution.

This awareness has given rise to Quality Inside, a project involving CAME's women and men and the professionals who rely on our products to offer increasingly reliable and innovative solutions that improve their customers' quality of life.

Quality is our guiding principle: we want to raise all standards of production systems and make quality a widespread and shared value in all company systems.

A process of constant measurement of the results obtained, which encourages the dissemination of positive practices and the replicability of the standards achieved throughout the product design and development cycle.

This scenario brings life to an organizational structure that makes for constant, fruitful and open dialogue among the fundamental areas of the CAME system:

R&D - central test lab - production - logistics - service.



A NEW SMART PRODUCTION PROCESS FOR NEW RESULTS.

To the traditional four phases aimed at continuous improvement of production processes, Q.I. adds a continuous sharing process of the results obtained that aims to spread the positive practices and replicability of the standards achieved.

PLAN

Knowledge of motivations produces sustainable solutions.

◆ 1.

DO

The plan is implemented, the process executed, the product created.

◆ 2.

CHECK

The actual result of the assumptions is verified, under real conditions.

✓ 3.

ACT

The problem has been solved, the improvement is achieved.

> 4.



SHARE

WE MAKE A CHANGE.

LET'S PUT QUALITY INTO THE STREAM.

MOS 5 - Ø 45



230 V AC - 50 Hz
Mechanical limit switch
Optional outdoor receiver

OPERATORS FOR BLINDS

MODEL	TECHNICAL CHARACTERISTICS	
809Y5-0111	Absorption (A)	0,49
	Torque (Nm)	10
	Power (W)	113
	Protection rating (IP)	44
809Y5-0121	Absorption (A)	0,64
	Torque (Nm)	20
	Power (W)	161
	Protection rating (IP)	44
809Y5-0131	Absorption (A)	0,86
	Torque (Nm)	40
	Power (W)	198
	Protection rating (IP)	44
809Y5-0141	Absorption (A)	0,86
	Torque (Nm)	40
	Power (W)	198
	Protection rating (IP)	44
809Y5-0151	Absorption (A)	0,89
	Torque (Nm)	50
	Power (W)	205
	Protection rating (IP)	44



The advantages of MOS 5

- Can be used on a 50 mm round or octagonal tube
- Manual mechanical limit-switch with screw-based progressive adjusting.
- New even stronger and more reliable head with any support.

KBS 5 - Ø 45



230 V AC - 50 Hz
Electronic limit switch
869.50 MHz radio receiver
Obstruction detectors in both directions

ATTUATORI PER TAPPARELLE

MODEL	TECHNICAL CHARACTERISTICS	
809Y5-0010	Absorption (A)	0,48
	Torque (Nm)	10 **
	Power (W)	113
	Radio signal frequency (Mhz)	869,50
	Protection rating (IP)	44
809Y5-0020	Absorption (A)	0,69
	Torque (Nm)	20
	Power (W)	161
	Radio signal frequency (Mhz)	869,50
	Protection rating (IP)	44
809Y5-0030	Absorption (A)	0,87
	Torque (Nm)	30
	Power (W)	200
	Radio signal frequency (Mhz)	869,50
	Protection rating (IP)	44
809Y5-0040	Absorption (A)	0,99
	Torque (Nm)	40
	Power (W)	228
	Radio signal frequency (Mhz)	869,50
	Protection rating (IP)	44
809Y5-0050	Absorption (A)	0,99
	Torque (Nm)	50
	Power (W)	228
	Radio signal frequency (Mhz)	869,50
	Protection rating (IP)	44



The advantages of KBS 5

- Designed to connect to the Cloud, via CAME CONNECT, using the 842EC-0020 gateway.
- Specially for shutters.
- Universal head for applying on any anchoring plate.
- The (partial opening) mid point can be adjusted.
- The cabled button can be linked to the step-step command.
- Invert direction of travel, if obstructions is found, when descending.
- FULL AUTOMATIC SETTING up to 20 Nm.

CAME WI



New Gateway device that connects your system to the Wi-Fi network and controls the automations via Android and iOS App.

Voice commands compatible with Google Home, Alexa and Siri.

ACTUATOR FOR BLINDS WITH VERTICAL BANDS

MODEL

809XG-0140



809XG-0150



TECHNICAL CHARACTERISTICS

Power supply	5V DC / 2A
Radio signal frequency (Mhz)	433,92
Radio power (mW)	50
Wireless Standard	802.11b/g/n


















Power supply	5V DC / 2A
Radio signal frequency (Mhz)	433,92
Radio power (mW)	50
Wireless Standard	802.11b/g/n

The benefits of CAME WI

- Multiple CAME radio devices can be associated: shutters, blinds, awnings, garage doors, lights, etc. (with CAME radio receiver).
- Up to 12 configurable "scenarios".
- Up to 3 programmable hourly routines.
- Management of 16 channels
- Control possibilities: Open, Stop, Close, Midpoint.
- App available for Android and iOS.
- Voice commands compatible with Google Home, Alexa and Siri voice assistants.

Range table with references to diameters and limit switches

Technical characteristics - tube motors for awnings and rolling shutters

	ELECTRONIC LIMIT-SWITCH	MECHANICAL LIMIT SWITCH	VIA RADIO	VIA CABLE	EMERGENCY MANEUVER	SPECIAL	Ø DIAMETER MODEL	CHARACTERISTICS
Ø 25								
	•		•			ON-BOARD BATTERIES	EDISON B3	 
Ø 35								
	•		•			ON-BOARD BATTERIES	EDISON B4	 
		•		•			MONDRIAN 4	
		•	•				MONDRIAN R4	
	•			•			ENSOR 4	
Ø 45								
		•		•		FULL AUTOMATIC	KBS 5	
		•		•			MOS 5	  
		•		•			MONDRIAN 5	
		•	•				MONDRIAN R5	
		•		•		SHORT	MATTA 5	
	•		•				KLIMT 5	
	•			•			ENSOR 5	
		•		•	•		MONDRIAN M5	
		•	•		•		MONDRIAN MR5	
	•		•	•		FULL AUTOMATIC	KLIMT SH5	  
	•		•	•		FULL AUTOMATIC	ENSOR SH5	  
Ø 55								
		•		•			MONDRIAN 6	
		•		•		DOUBLE MOTOR	MONDRIAN 6D	
		•	•				MONDRIAN R6	
		•		•	•		MONDRIAN M6	
		•	•		•		MONDRIAN MR6	
	•		•				KLIMT 6	 
Ø 92								
		•		•	•		MONDRIAN M9	

SAFE OPERATION

Our gear motors are designed and constructed to ensure safe operation during normal usage. Any other use for which they are not specifically designed is strictly prohibited.

All gear motors featured in the catalog are exclusively intended and sized for driving roller shutters, awnings, and small blinds in private settings.

The gear motor is inserted inside the roller shutter or awning tube using specific adapter kits and anchored using side brackets to the wall, casing, or frame of the awning.

The classification among different models (Series 3, Series 4, Series 5, Series 6, Series 9) is based on the difference in the gear motor's diameter. The series names are designed to help customers quickly identify the minimum roller diameter into which that series can be inserted.

Within the same series, gear motors differ in electrical and mechanical characteristics related to torque variations and type of limit switches. These characteristics are listed on the product label.

All catalog gear motors are designed for intermittent operation. However, they include internal thermal protection that interrupts electrical supply in case of overheating due to continuous operation (e.g., for motors powered at 230V 50Hz, the minimum guaranteed continuous working time is 4 minutes). Gear motors resume operation after a minimum downtime of 10 minutes, after which the thermal protection automatically resets.

When placing an order, in addition to the gear motor code, all necessary accessories for completing the installation (motor anchoring, winding tube, supports) must be specified. These accessories can be chosen from various options available for each limit switch model (Mondrian, KBS, etc.).

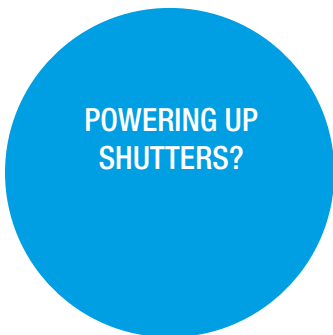
The gear motor code never includes adapters or other accessories unless expressly indicated.

Changes in the "adapter system" for anchoring between similar models do not affect the mechanical and electrical characteristics of the gear motor. It only results in an external shape difference in the limit switch head, while other components remain unchanged.

SHUTTERS: a guide to choosing the gearmotor



INSTALLER
Preliminary checks



CLIENTE
The client's preferences

CHECK THE DIAMETER OF THE SHUTTER TUBE

1

TYPE OF SYSTEM WANTED
Button, radio command, emergency maneuver

CHECK THE CASING TYPE

2

MANAGEMENT MODE
Single or centralized command

CHECK THE SHUTTER'S WEIGHT

3

ACCESSORIES
Weather units and/or sensors

WEIGHT OF SHUTTER
Shutter surface area (m²) x Specific weight (kg/m²)

4

AREA OF THE SHUTTER
Base (m) x Height (m) = (m²)

Example:

Wood shutter, base length 2.2 m height 1.85 m

AREA OF THE SHUTTER = 2.2 X 1.85 = 4.07 m²

CALCULATING THE WEIGHT WITH AN AVERAGE VALUE FOR WOOD = 4.07 x 12.5 = 50.87 kg

SPECIFIC WEIGHTS (APPROX.)

PVC = from 3 kg/m² to 6 kg/m²

WOOD = from 10 kg/m² to 15 kg/m²

ALUMINIUM = from 4 kg/m² to 8 kg/m²

STEEL = from 10 kg/m² to 12 kg/m²

ATTENTION

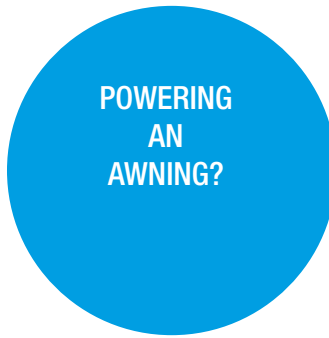
The specific weight values mentioned are merely indicative.

The specific weight of the material used also depends on the thicknesses, reinforcements, and insulation used.

For a precise calculation, see the document issued by the manufacturer of the winder system.



INSTALLER
Preliminary checks



CLIENTE
The client's preferences



TYPE OF AWNING
With extendable arms, drop-type, or boxed

1

TYPE OF AWNING
With extendable arms, drop-type, or boxed

CHECK WINDER-TUBE DIAMETER
The greater the diameter, the greater the required motor torque

2

TYPE OF SYSTEM WANTED
Button, radio command, emergency maneuver

CHECK HOW FAR THE AWNING PROTRUDES
The more it juts out, the more more torque is required

3

MANAGEMENT MODE
Single or centralized command

NUMBER OF ARMS

4

ACCESSORIES
Weather units and/or sensors

OPTIMIZING MOTOR TORQUE

5

SHUTTERS: weight calculation

Indicative table of weights

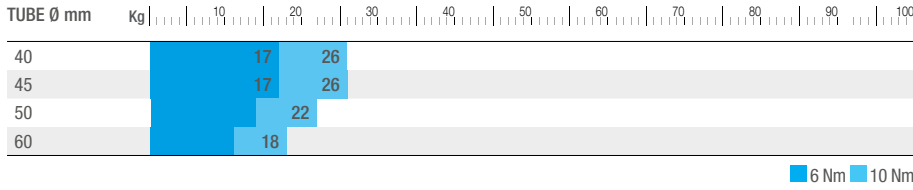
Material	from Kg/m ²	to Kg/m ²
PVC	3	6
ALUMINIUM	4	8
STEEL	10	12
WOOD	10	15

Specific weight of the shutter up to Kg 6 8 10 15

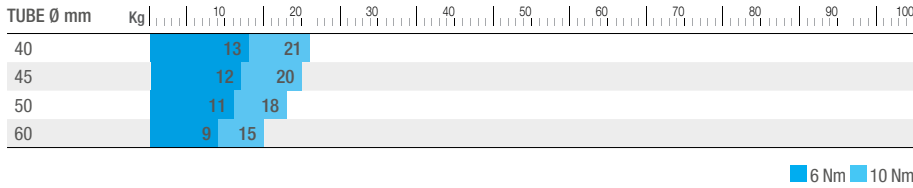
		Shutter width (cm)												
		80	100	120	140	160	180	200	220	240	260	280	300	320
100	4,8	6	7,2	8,4	9,6	10,8	12	13,2	14,4	15,6	16,8	18	19,2	
	6,4	8	9,6	11,2	12,8	14,4	16	17,6	19,2	20,8	22,4	24	25,6	
	8	10	12	14	16	18	20	22	24	26	28	30	32	
	12	15	18	21	24	27	30	33	36	39	42	45	48	
	120	5,8	7,2	8,6	10,1	11,5	13	14,4	15,8	17,3	18,7	20,2	21,6	23
		7,7	9,6	11,5	13,4	15,4	17,3	19,2	21,1	23	25	26,9	28,8	30,7
		9,6	12	14,4	16,8	19,2	21,6	24	26,4	28,8	31,2	33,6	36	38,4
		14,4	18	21,6	25,2	28,8	32,4	36	39,6	43,2	46,8	50,4	54	57,6
		6,7	8,4	10,1	11,8	13,4	15,1	16,8	18,5	20,2	21,8	23,5	25,2	26,9
		9	11,2	13,4	15,7	17,9	20,2	22,4	24,6	26,9	29,1	31,4	33,6	35,8
		11,2	14	16,8	19,6	22,4	25,2	28	30,8	33,6	36,4	39,2	42	44,8
		16,8	21	25,2	29,4	33,6	37,8	42	46,2	50,4	54,6	58,8	63	67,2
140		7,7	9,6	11,5	13,4	15,4	17,3	19,2	21,1	23	25	26,9	28,8	30,7
		10,2	12,8	15,4	17,9	20,5	23	25,6	28,2	30,7	33,3	35,8	38,4	41
		12,8	16	19,2	22,4	25,6	28,8	32	35,2	38,4	41,6	44,8	48	51,2
		19,2	24	28,8	33,6	38,4	43,2	48	52,8	57,6	62,4	67,2	72	76,8
	8,6	10,8	13	15,1	17,3	19,4	21,6	23,8	25,9	28,1	30,2	32,4	34,6	
	11,5	14,4	17,3	20,2	23	25,9	28,8	31,7	34,6	37,4	40,3	43,2	46,1	
	14,4	18	21,6	25,2	28,8	32,4	36	39,6	43,2	46,8	50,4	54	57,6	
	21,6	27	32,4	37,8	43,2	48,6	54	59,4	64,8	70,2	75,6	81	86,4	
	160	9,6	12	14,4	16,8	19,2	21,6	24	26,4	28,8	31,2	33,6	36	38,4
		12,8	16	19,2	22,4	25,6	28,8	32	35,2	38,4	41,6	44,8	48	51,2
		16	20	24	28	32	36	40	44	48	52	56	60	64
		24	30	36	42	48	54	60	66	72	78	84	90	96
10,6		13,2	15,8	18,5	21,1	23,8	26,4	29	31,7	34,3	37	39,6	42,2	
14,1		17,6	21,1	24,6	28,2	31,7	35,2	38,7	42,2	45,8	49,3	52,8	56,3	
17,6		22	26,4	30,8	35,2	39,6	44	48,4	52,8	57,2	61,6	66	70,4	
26,4		33	39,6	46,2	52,8	59,4	66	72,6	79,2	85,8	92,4	99	105,6	
180		11,5	14,4	17,3	20,2	23	25,9	28,8	31,7	34,6	37,4	40,3	43,2	46,1
		15,4	19,2	23	26,9	30,7	34,6	38,4	42,2	46,1	49,9	53,8	57,6	61,4
		19,2	24	28,8	33,6	38,4	43,2	48	52,8	57,6	62,4	67,2	72	76,8
		28,8	36	43,2	50,4	57,6	64,8	72	79,2	86,4	93,6	100,8	108	115,2
	12,5	15,6	18,7	21,8	25	28,1	31,2	34,3	37,4	40,6	43,7	46,8	49,9	
	16,6	20,8	25	29,1	33,3	37,4	41,6	45,8	49,9	54,1	58,2	62,4	66,6	
	20,8	26	31,2	36,4	41,6	46,8	52	57,2	62,4	67,6	72,8	78	83,2	
	31,2	39	46,8	54,6	62,4	70,2	78	85,8	93,6	101,4	109,2	117	124,8	
	200	13,4	16,8	20,2	23,5	26,9	30,2	33,6	37	40,3	43,7	47	50,4	53,8
		17,9	22,4	26,9	31,4	35,8	40,3	44,8	49,3	53,8	58,2	62,7	67,2	71,7
		22,4	28	33,6	39,2	44,8	50,4	56	61,6	67,2	72,8	78,4	84	89,6
		33,6	42	50,4	58,8	67,2	75,6	84	92,4	100,8	109,2	117,6	126	134,4
14,4		18	21,6	25,2	28,8	32,4	36	39,6	43,2	46,8	50,4	54	57,6	
19,2		24	28,8	33,6	38,4	43,2	48	52,8	57,6	62,4	67,2	72	76,8	
24		30	36	42	48	54	60	66	72	78	84	90	96	
36		45	54	63	72	81	90	99	108	117	126	135	144	
220		15,4	19,2	23	26,9	30,7	34,6	38,4	42,2	46,1	49,9	53,8	57,6	61,4
		20,5	25,6	30,7	35,8	41	46,1	51,2	56,3	61,4	66,6	71,7	76,8	81,9
		25,6	32	38,4	44,8	51,2	57,6	64	70,4	76,8	83,2	89,6	96	102
		38,4	48	57,6	67,2	76,8	86,4	96	105,6	115,2	124,8	134,4	144	153,6
	16,3	20,4	24,5	28,6	32,6	36,7	40,8	44,9	49	53	57,1	61,2	65,3	
	21,8	27,2	32,6	38,1	43,5	49	54,4	59,8	65,3	70,7	76,2	81,6	87	
	27,2	34	40,8	47,6	54,4	61,2	68	74,8	81,6	88,4	95,2	102	108,8	
	40,8	51	61,2	71,4	81,6	91,8	102	112,2	122,4	132,6	142,8	153	163,2	
	240	16,8	21	25,2	29,4	33,6	37,8	42	46,2	50,4	54,6	58,8	63	67,2
		22,4	28	33,6	39,2	44,8	50,4	56	61,6	67,2	72,8	78,4	84	89,6
		28	35	42	49	56	63	70	77	84	91	98	105	112
		42	52,5	63	73,5	84	94,5	105	115,5	126	136,5	147	157,5	168

SHUTTERS: load tables

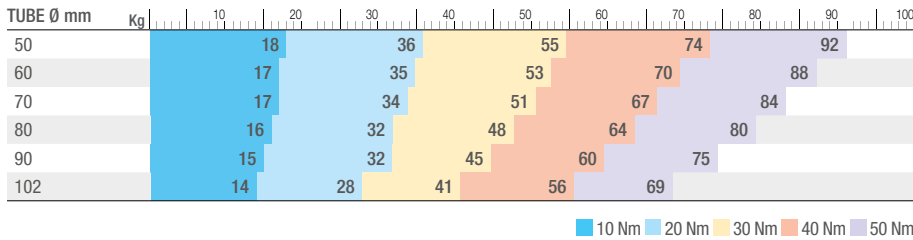
Ø 35 For applying to shutters and rolling shutters up to 1.5 m in height



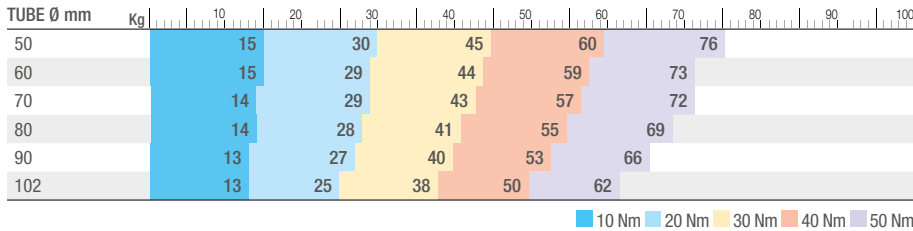
Ø 35 For applying to shutters and rolling shutters up to 2.5 m in height



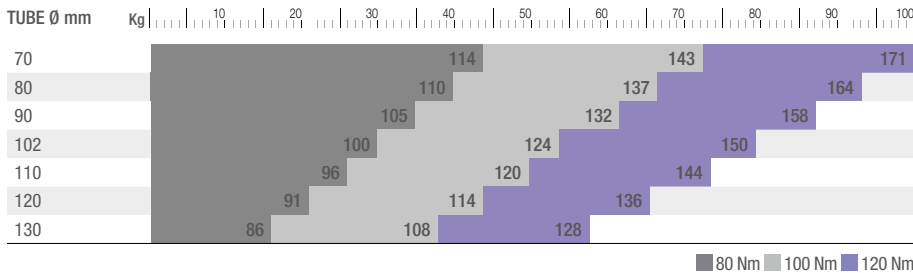
Ø 45 For applying to shutters and rolling shutters up to 1.5 m in height



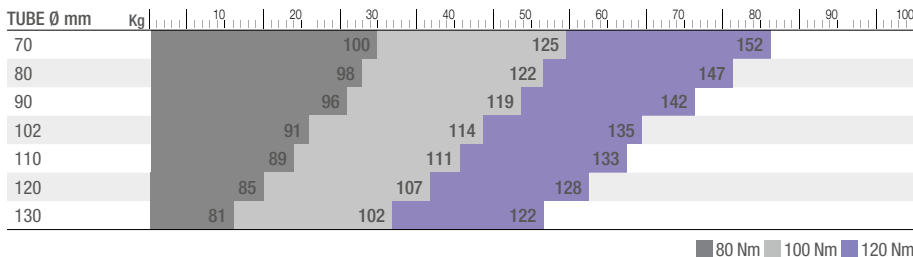
Ø 45 For applying to shutters and rolling shutters up to 2.5 m in height



Ø 55 For applying to shutters and rolling shutters up to 2.5 m in height



Ø 55 For applying to shutters and rolling shutters up to 3.5 m in height



ATTENTION

If using security locks on the shutters, consider that the diameter is increased by a thickness of 20 mm.

(Example: the tubes having diameters Ø 60 and Ø 70 shall be considered as tubes having diameters Ø 80 and Ø 90 respectively). For shutter sizes larger than those discussed here, please contact Came's technical department.

Calculation made for slats up to 14 mm thick and also accounting for friction.

To calculate the shutter's weight, see the table on the previous page

AWNINGS: load tables

AWNING JUTTING OUT 1.5 m						
TUBE Ø mm	No. ARMS					
	2	4	6	8	10	12
50	20 Nm	30 Nm	40 Nm	50 Nm	-	-
63 / 70		30 Nm	50 Nm	80 Nm	100 Nm	
78	30 Nm	50 Nm	80 Nm	-	-	-
85	50 Nm	80 Nm	100 Nm	-	-	-

■ 20 Nm
 ■ 30 Nm
 ■ 40 Nm
 ■ 50 Nm
 ■ 80 Nm
 ■ 100 Nm
 ■ 120 Nm

AWNING JUTTING OUT 2 m						
TUBE Ø mm	No. ARMS					
	2	4	6	8	10	12
50	20 Nm	30 Nm	40 Nm	50 Nm	-	-
63 / 70	30 Nm	40 Nm	50 Nm	80 Nm	100 Nm	120 Nm
78	30 Nm	50 Nm	80 Nm	-	-	-
85	50 Nm	80 Nm	100 Nm	-	-	-

■ 20 Nm
 ■ 30 Nm
 ■ 40 Nm
 ■ 50 Nm
 ■ 80 Nm
 ■ 100 Nm
 ■ 120 Nm

AWNING JUTTING OUT 3.5 m						
TUBE Ø mm	No. ARMS					
	2	4	6	8	10	12
50	40 Nm	50 Nm	-	-	-	-
63 / 70	50 Nm	80 Nm	100 Nm	120 Nm	-	-
78	80 Nm	100 Nm	120 Nm	-	-	-
85	100 Nm	120 Nm	-	-	-	-

■ 20 Nm
 ■ 30 Nm
 ■ 40 Nm
 ■ 50 Nm
 ■ 80 Nm
 ■ 100 Nm
 ■ 120 Nm

AWNING JUTTING OUT 5 m section						
TUBE Ø mm	No. ARMS					
	2	4	6	8	10	12
50	40 Nm	50 Nm	-	-	-	-
63 / 70	50 Nm	80 Nm	100 Nm	120 Nm	-	-
78	80 Nm	100 Nm	120 Nm	-	-	-
85	100 Nm	120 Nm	-	-	-	-

■ 20 Nm
 ■ 30 Nm
 ■ 40 Nm
 ■ 50 Nm
 ■ 80 Nm
 ■ 100 Nm
 ■ 120 Nm

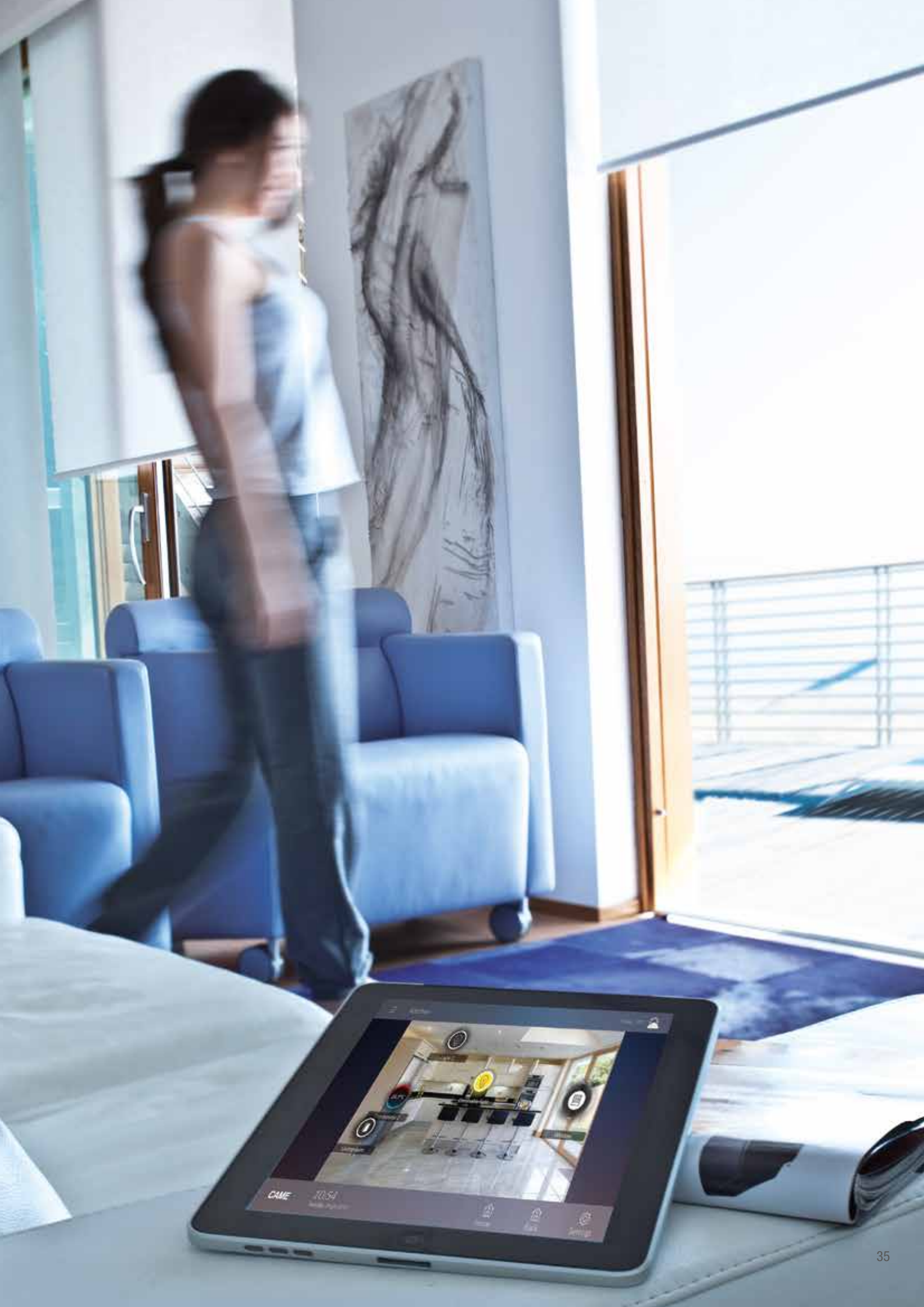



TABLE OF CHARACTERISTICS

TUBE MOTORS	WITH RECEIVER	ELECTRONIC LIMIT-SWITCH
		MECHANICAL LIMIT-SWITCH
	WITHOUT RECEIVER	ELECTRONIC LIMIT-SWITCH
		MECHANICAL LIMIT-SWITCH
OPERATORS FOR INTERNAL BLINDS		

DIAMETER	PRODUCT NAME	AWNINGS	SHUTTERS	BLINDS	ROLLING SHUTTERS
25	EDISON B3				
35	EDISON B4				
35	KLIMT 5				
45	KLIMT SH5				
45	KBS 5				
55	KLIMT 6				
35	MONDRIAN R4				
45	MONDRIAN R5				
35	MONDRIAN MR5				
55	MONDRIAN R6				
55	MONDRIAN MR6				
35	ENSOR 4				
45	ENSOR 5				
45	ENSOR SH5				
35	MONDRIAN 4				
45	MONDRIAN 5				
45	MOS 5				
45	MATTA 5				
45	MONDRIAN M5				
55	MONDRIAN 6				
55	MONDRIAN M6				
92	MONDRIAN M9				
		BLINDS	ROLLING SHUTTERS	VENETIAN BLINDS	WITH VERTICAL BANDS
-	VOILÀ				

TUBE MOTORS

Ø 25

Ø 35

Ø 45

Ø 55

Ø 92



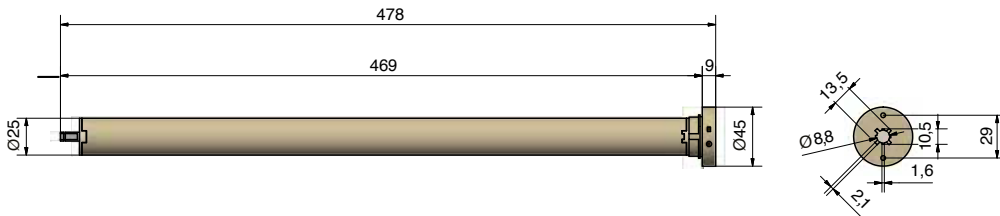


5 V DC Encoder-based electronic limit-switch 433.92 MHz radio receiver

- Can function in total wireless mode.
- Compatible with KLT-series transmitters.
- Input power jack and programming button on the head.
- Battery type: Rechargeable lithium-ion / 2600 mAh.
- Duration of fully charged battery: 300 cycled (equal to six months of normal use).
- Charging via standard 5 V power adapter with USB Type-C socket.




Dimensions (mm)



Technical information

CODE	809Y3-0010
Torque (Nm)	1,1
Rpm speed (turns/min)	28
Hoisted weight (Kg)*	5
Duration of operation (min)	10
Protection rating (IP)	20
Absorption (A)	0,94
Power (W)	8
Length (mm) = L1	435
Weight (Kg)	0,40
Package dimensions (mm)	60 x 60 x 490

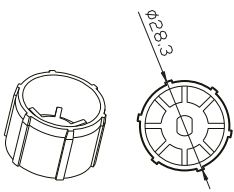

Can be specially packaged for manufacturers. - * Load calculated for 28 mm roller.



CROWN



ADAPTER

001YK3101
Adapter kit for 40 x 2 mm ring .



ADAPTER



001YK3102
Adapter kit 28.5 x 0.75 mm ring.



CROWN

ADAPTER

001YK3103
Adapter kit reinforced 43 ring.



809XG-0100
Solar panel 600 x 65 mm OUT 5 V USB TYPE-C.

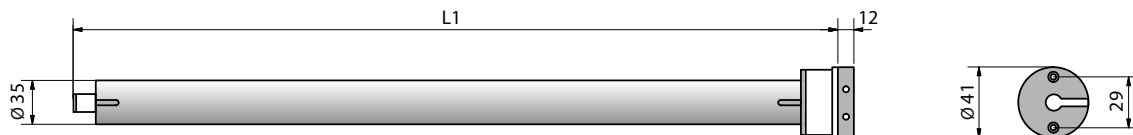


5 V DC Encoder-based electronic limit-switch 433.92 MHz radio receiver

- Can function in total wireless mode.
- Compatible with KLT-series transmitters.
- USB-C power connector and programming button on the head.
- Battery type: Rechargeable lithium-ion / 3200 mAh.
- Duration of fully charged battery: 300 cycled (equal to six months of normal use).
- Charging via standard 5 V power adapter with USB Type-C socket.



Dimensions (mm)



Technical information

CODE	809Y4-0010	809Y4-0020
Torque (Nm)	6	13
Rpm speed (turns/min)	20	13
Hoisted weight (Kg)*	13	23
Duration of operation (min)	4	4
Protection rating (IP)	20	20
Absorption (A)	3,3	3,8
Power (W)	38	45
Length (mm) = L1	678	638
Weight (Kg)	3,2	2,8
Package dimensions (mm)	70 x 70 x 710	70 x 70 x 710

Can be specially packaged for manufacturers. - * Load calculated for 28 mm roller.



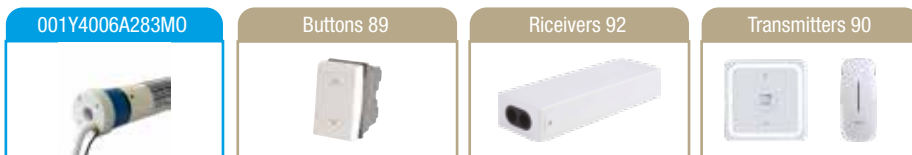
809XG-0100

Solar panel 600 x 65 mm OUT 5 V USB TYPE-C.

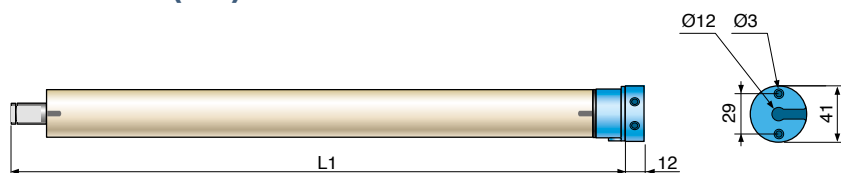


230 V AC - 50 Hz Mechanical limit switch Optional outdoor receiver

- Can be used on a Ø 40 mm round or octagonal tube.
- Manual mechanical limit-switch with screw-based progressive adjusting.
- Ideal for small awning boxes.
- Universal head for applying on any anchoring plate.



Dimensions (mm)



Cabling



Technical information

CODE	001Y4006A283MO	001Y4010A171MO
Torque (Nm)	6	10
Rpm speed (turns/min)	28	17
Hoisted weight (Kg)*	17	28
Limit switch revolutions (revolutions)	39	39
Duration of operation (min)	4	4
Protection rating (IP)	44	44
Absorption (A)	0,53	0,53
Power (W)	121	121
Length (mm) = L1	432	432
Weight (Kg)	1,46	1,58
Package dimensions (mm)	540 x 70 x 70	540 x 70 x 70
Weight of packed motor (Kg)	1,7	1,8

Can be specially packaged for manufacturers. - * Load calculated for a 40 mm tube.



230 V AC - 50 Hz Mechanical limit switch 433.92 MHz radio receiver

- Can be used on a 40 mm round or octagonal tube.
- Manual mechanical limit-switch with screw-based progressive adjusting.
- Ideal for small awning boxes.
- Universal head for applying on any anchoring plate.



Dimensions (mm)



Cabling



Technical information

CODE	001Y4006A283MOR	001Y4010A171MOR
Torque (Nm)	6	10
Rpm speed (turns/min)	28	17
Hoisted weight (Kg)*	17	28
Limit switch revolutions (revolutions)	39	39
Duration of operation (min)	4	4
Protection rating (IP)	44	44
Absorption (A)	0,53	0,53
Power (W)	121	121
Length (mm) = L1	578	578
Weight (Kg)	1,46	1,58
Package dimensions (mm)	630 x 70 x 70	630 x 70 x 70
Weight of packed motor (Kg)	1,7	1,8



230 V AC - 50 Hz Cabled electronic limit-switch



- Can be used on a 40 mm round or octagonal tube.
- Ideal for small blinds or shutters.
- Motor protection in case the winding up action is blocked.
- Easily adjustable limit switch and opening programming window via button located on the motor head.
- Universal head for applying on any anchoring plate.



Dimensions (mm)



Cabling



Technical information

CODE	001Y4006A281EN
Torque (Nm)	6
Rpm speed (turns/min)	28
Hoisted weight (Kg)*	17
Duration of operation (min)	4
Protection rating (IP)	44
Absorption (A)	0,63
Power (W)	144
Length (mm) = L1	578
Weight (Kg)	1,64
Package dimensions (mm)	630 x 70 x 70
Weight of packed motor (Kg)	1,9

Can be specially packaged for manufacturers. - * Load calculated for a 40 mm tube.

Circular adapters Ø 35 mm

PULLEY

001YK4102
Ring 40 x 2 mm.

CROWN PULLEY

001YK4104
40 x 1 mm Round piece, rubber pulley.

CROWN PULLEY

001YK4105
50 x 2 mm Round piece.

CROWN PULLEY

001YK4106
Ring 50 x 1.5 mm.

CROWN PULLEY

001YK4107
40 x 1 mm round piece, plastic pulley.

CROWN PULLEY

001YK4108
Ring 61 mm reinforced 7 mm with key.

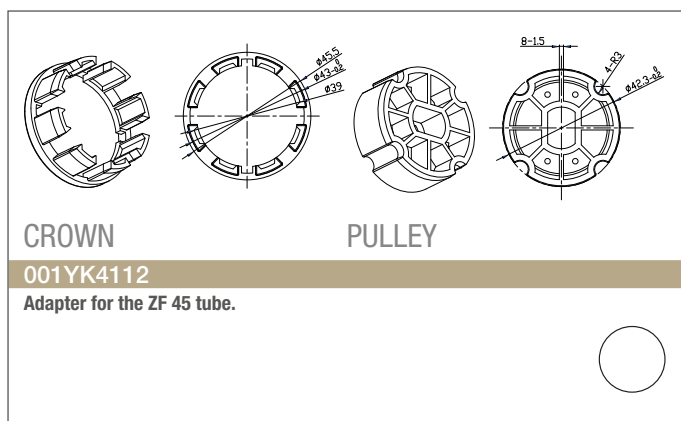
CROWN PULLEY

001YK4109
Ring 54 x 3.5 mm.

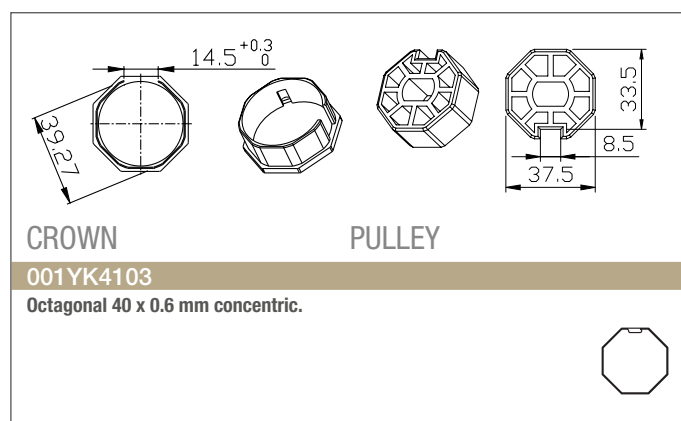
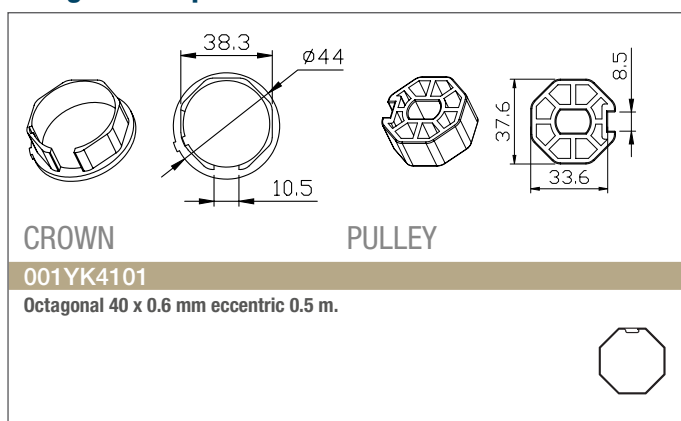
CROWN PULLEY

001YK9990
Adapter wheel for Ø 43 mm roller-tube.

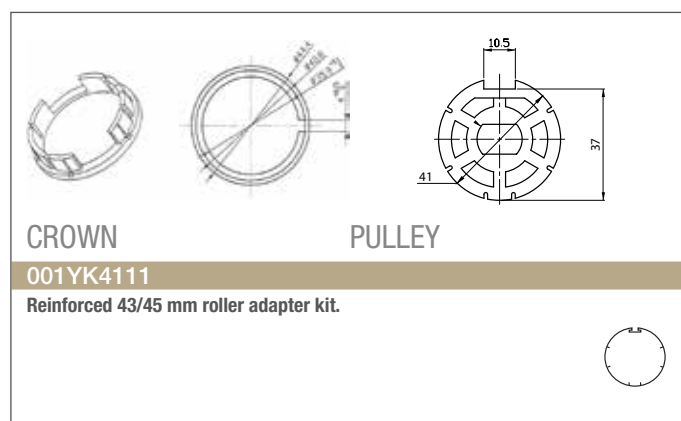
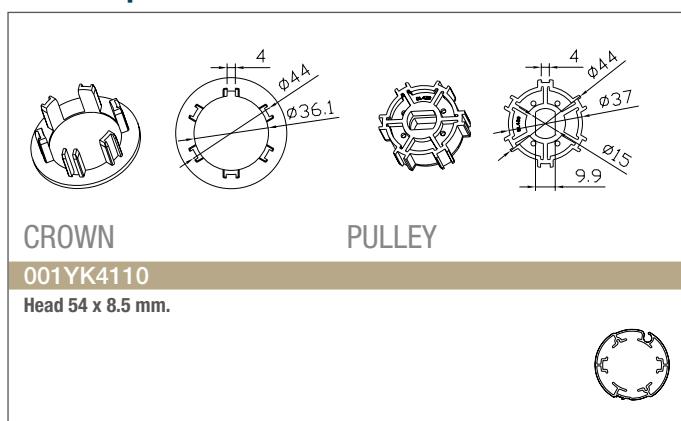
MECHANICAL ACCESSORIES - Ø 35



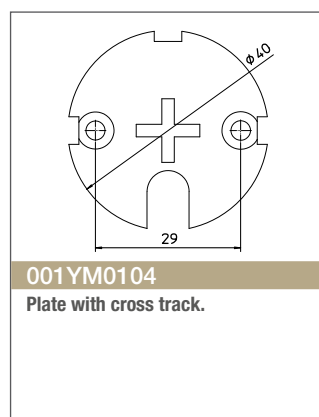
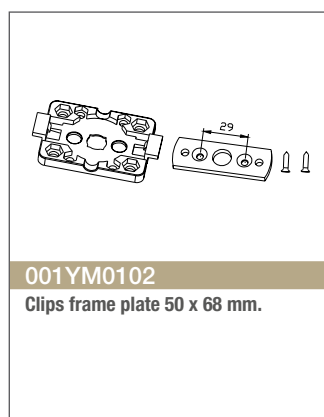
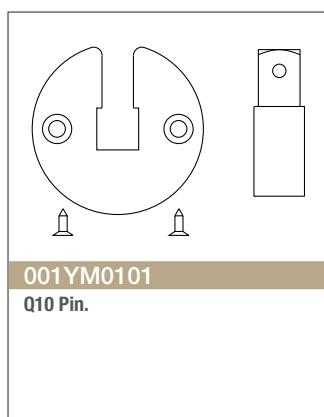
Octagonal adapters Ø 35 mm



Head adapters Ø 35 mm



Ø 35 mm Braces



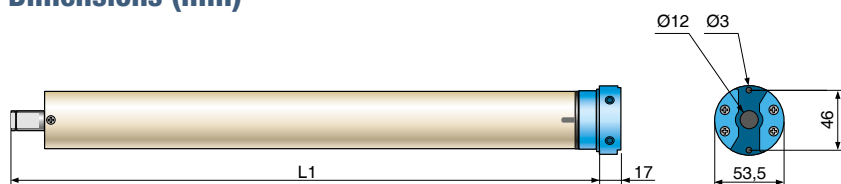


230 V AC - 50 Hz Mechanical limit switch Optional outdoor receiver

- Can be used on a 50 mm round or octagonal tube
- Manual mechanical limit-switch with screw-based progressive adjusting.
- Head also compatible with standard mounts on the market.



Dimensions (mm)



Cabling



Technical information

CODE	809Y5-0110	809Y5-0120	809Y5-0130	809Y5-0140	809Y5-0150
Torque (Nm)	10	20	30	40	50
Rpm speed (turns/min)	15	15	15	15	12
Hoisted weight (Kg)*	18	36	55	74	92
Limit switch revolutions (revolutions)	22	22	22	22	22
Duration of operation (min)	4	4	4	4	4
Protection rating (IP)	44	44	44	44	44
Absorption (A)	0,49	0,64	0,83	0,86	0,89
Power (W)	113	161	191	198	205
Length (mm) = L1	453	453	523	523	523
Weight (Kg)	1,88	2,05	2,31	2,44	2,6
Package dimensions (mm)	518 x 80 x 80	518 x 80 x 80	585 x 80 x 80	585 x 80 x 80	585 x 80 x 80
Weight of packed motor (Kg)	2,05	2,25	2,5	2,65	2,8

Can be specially packaged for manufacturers. - * Calculated load for 50 mm winder tube.



809XG-0160

Safety insert Q10 for motors with star-shaped head up to 30 Nm.



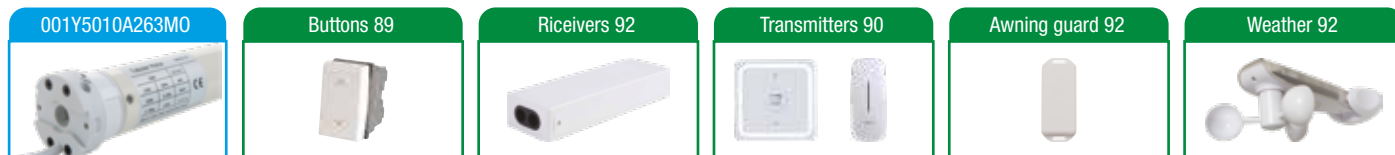
809XG-0050

Quick coupling for star-shaped head motor.

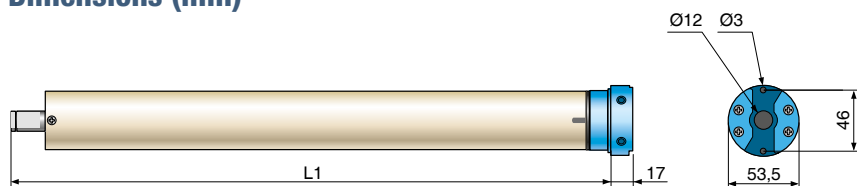


230 V AC - 50 Hz Mechanical limit switch Optional outdoor receiver

- Can be used on a 50 mm round or octagonal tube
- Manual mechanical limit-switch with screw-based progressive adjusting.
- Universal head for applying on any anchoring plate.



Dimensions (mm)



Cabling



Technical information

CODE	001Y5010A263MO	001Y5010A151MO	001Y5020A151MO	001Y5030A151MO	001Y5040A151MO	001Y5050A121MO
Torque (Nm)	10	10	20	30	40	50
Rpm speed (turns/min)	26	15	15	15	15	12
Hoisted weight (Kg)*	18	18	36	55	74	92
Limit switch revolutions (revolutions)	22	22	22	22	22	22
Duration of operation (min)	4	4	4	4	4	4
Protection rating (IP)	44	44	44	44	44	44
Absorption (A)	0,64	0,49	0,64	0,83	0,86	0,89
Power (W)	145	113	161	200	198	205
Length (mm) = L1	453	453	453	523	523	523
Weight (Kg)	2,5	1,88	2,05	2,31	2,44	2,6
Package dimensions (mm)	518 x 80 x 80	518 x 80 x 80	518 x 80 x 80	585 x 80 x 80	585 x 80 x 80	585 x 80 x 80
Weight of packed motor (Kg)	2,68	2,05	2,25	2,5	2,65	2,8



Can be specially packaged for manufacturers. - * Calculated load for 50 mm winder tube.

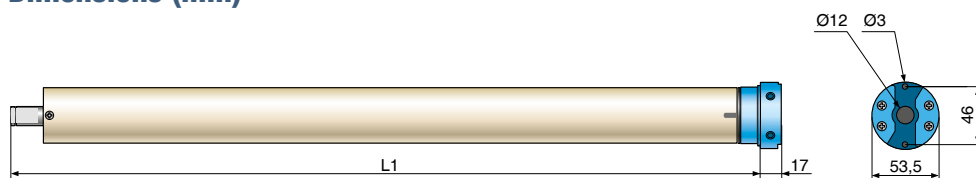


230 V AC - 50 Hz Mechanical limit switch 433.92 MHz radio receiver

- Can be used on a 50 mm round or octagonal tube
- Manual mechanical limit-switch with screw-based progressive adjusting.
- Universal head for applying on any anchoring plate.



Dimensions (mm)



Cabling



Technical information

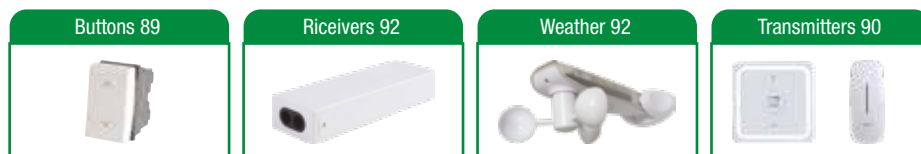
CODE	001Y5010A263MOR	001Y5010A151MOR	001Y5020A151MOR	001Y5030A151MOR	001Y5040A151MOR	001Y5050A121MOR
Torque (Nm)	10	10	20	30	40	50
Rpm speed (turns/min)	26	15	15	15	15	12
Hoisted weight (Kg)*	18	18	36	55	74	92
Limit switch revolutions (revolutions)	22	22	22	22	22	22
Duration of operation (min)	4	4	4	4	4	4
Protection rating (IP)	44	44	44	44	44	44
Absorption (A)	0,64	0,49	0,64	0,83	0,86	0,89
Power (W)	145	113	161	200	198	205
Length (mm) = L1	593	593	593	623	623	623
Weight (Kg)	2,79	2,17	2,34	2,6	2,73	2,89
Package dimensions (mm)	685 x 90 x 90	685 x 90 x 90	685 x 90 x 90	685 x 90 x 90	685 x 90 x 90	685 x 90 x 90
Weight of packed motor (Kg)	3,09	2,47	2,64	2,9	3,03	3,19

Can be specially packaged for manufacturers. - * Calculated load for 50 mm winder tube.

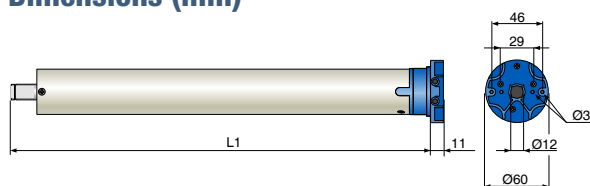


230 V AC - 50 Hz Mechanical limit switch Optional outdoor receiver Short motor

- Can be used on a 50 mm round or octagonal tube
- Especially suited when applied onto smaller blinds or shutters.
- Manual mechanical limit-switch with screw-based progressive adjusting.
- Double center distance to facilitate anchoring using a vast array of support types.
- Holes on the head at 29 mm and at 46 mm.



Dimensions (mm)



Cabling



Technical information

CODE	001Y5010A151MA	001Y5020A151MA
Torque (Nm)	10	20
Rpm speed (turns/min)	15	15
Hoisted weight (Kg)*	18	36
Limit switch revolutions (revolutions)	16	16
Duration of operation (min)	4	4
Protection rating (IP)	44	44
Absorption (A)	0,49	0,64
Power (W)	112	145
Length (mm) = L1	340	355
Weight (Kg)	1,4	1,55
Package dimensions (mm)	518 x 80 x 80	518 x 80 x 80
Weight of packed motor (Kg)	1,65	1,9

Can be specially packaged for manufacturers. - * Calculated load for 50 mm winder tube.

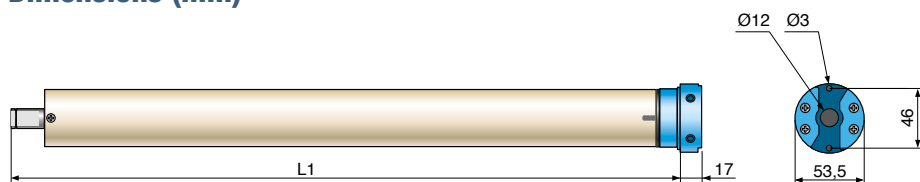


230 V AC - 50 Hz Electronic limit switch 433.92 MHz radio receiver

- Can be used on a 50 mm round or octagonal tube
- Ideal for small awning boxes.
- Universal head for applying on any anchoring plate.
- The (partial opening) mid point can be adjusted.



Dimensions (mm)



Cabling



Technical information

CODE	001Y5020A151KL	001Y5050A121KL
Torque (Nm)	20	50
Rpm speed (turns/min)	15	12
Hoisted weight (Kg)*	36	92
Duration of operation (min)	4	4
Protection rating (IP)	44	44
Absorption (A)	0,69	0,99
Power (W)	161	228
Length (mm) = L1	594	624
Weight (Kg)	2,07	2,76
Package dimensions (mm)	660 x 80 x 80	660 x 80 x 80
Weight of packed motor (Kg)	2,3	3

Can be specially packaged for manufacturers. - * Calculated load for 50 mm winder tube.



230 V AC - 50 Hz Cabled electronic limit-switch



- Can be used on a 50 mm round or octagonal tube
- Motor protection in case the winding up action is blocked.
- Easily adjustable limit switch and opening programming window via button located on the motor head.
- Universal head for applying on any anchoring plate.

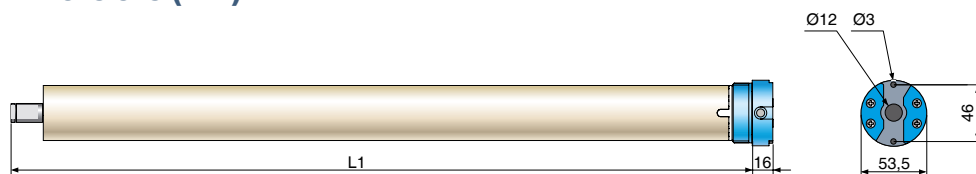
Buttons 89



Programming 71



Dimensions (mm)



Cabling

2.5 m



NEUTRAL
PHASE
GROUND
PHASE
PROGRAMMING

5 x 0.75 mm²

Technical information

CODE	001Y5020A151EN
Torque (Nm)	20
Rpm speed (turns/min)	15
Hoisted weight (Kg)*	36
Duration of operation (min)	4
Protection rating (IP)	44
Absorption (A)	0,69
Power (W)	161
Length (mm) = L1	604
Weight (Kg)	2,29
Package dimensions (mm)	660 x 80 x 80
Weight of packed motor (Kg)	2,64

Can be specially packaged for manufacturers. - * Calculated load for 50 mm winder tube.



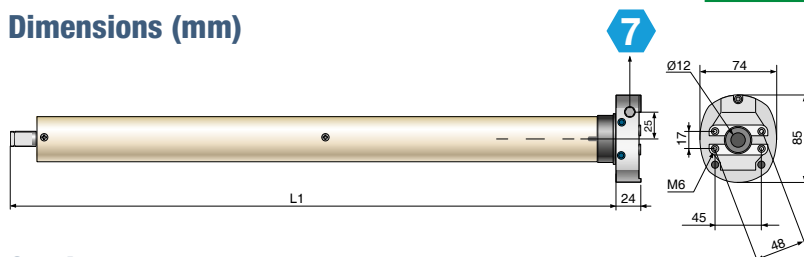
230 V AC - 50 Hz Mechanical limit switch Built-in emergency maneuver



- Can be used on a 50 mm round or octagonal tube
- Manual mechanical limit-switch with screw-based progressive adjusting.
- Manually activated with emergency wand.
- Reduction ratio: 1:24



Dimensions (mm)



Cabling



Technical information

CODE	001Y5020A151MOM	001Y5030A151MOM	001Y5040A151MOM	001Y5050A121MOM
Torque (Nm)	20	30	40	50
Rpm speed (turns/min)	15	15	15	12
Hoisted weight (Kg)*	36	55	74	92
Limit switch revolutions (revolutions)	23	23	23	23
Duration of operation (min)	4	4	4	4
Protection rating (IP)	44	44	44	44
Absorption (A)	0,64	0,83	0,86	0,89
Power (W)	145	191	198	205
Length (mm) = L1	526	586	586	586
Weight (Kg)	2,4	2,85	3,16	3,32
Package dimensions (mm)	650 x 120 x 120	650 x 120 x 120	650 x 120 x 120	650 x 120 x 120
Weight of packed motor (Kg)	2,8	3,2	3,46	3,62

Can be specially packaged for manufacturers. - * Calculated load for 50 mm winder tube.



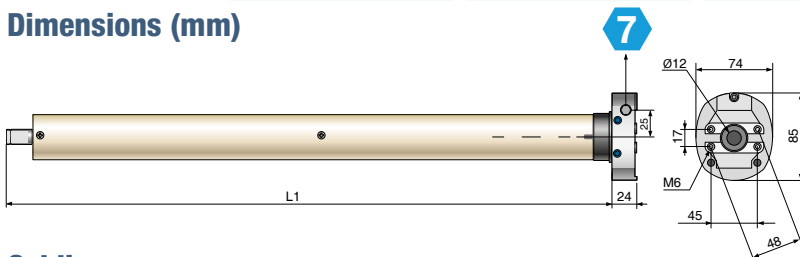
230 V AC - 50 Hz
Mechanical limit switch
Built-in emergency maneuver
433.92 MHz radio receiver



- Can be used on a 50 mm round or octagonal tube
- Manual mechanical limit-switch with screw-based progressive adjusting.
- Manually activated with emergency wand.
- Reduction ratio: 1:24.



Dimensions (mm)



Cabling



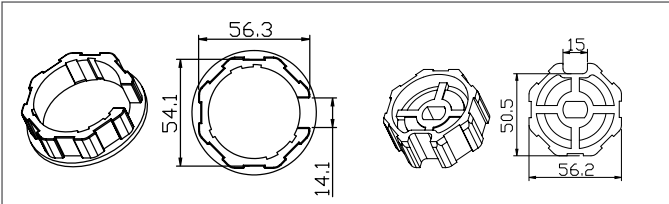
Technical information

CODE	001Y5020A151MOMR	001Y5030A151MOMR	001Y5040A151MOMR	001Y5050A121MOMR
Torque (Nm)	20	30	40	50
Rpm speed (turns/min)	15	15	15	12
Hoisted weight (Kg)*	36	55	74	92
Limit switch revolutions (revolutions)	23	23	23	23
Duration of operation (min)	4	4	4	4
Protection rating (IP)	44	44	44	44
Absorption (A)	0,65	0,83	0,86	0,89
Power (W)	145	191	198	205
Length (mm) = L1	696	756	756	756
Weight (Kg)	2,75	3,2	3,5	3,5
Package dimensions (mm)	810 x 120 x 120	810 x 120 x 120	810 x 120 x 120	810 x 120 x 120
Weight of packed motor (Kg)	3,15	3,6	3,9	3,9

Can be specially packaged for manufacturers. - * Calculated load for 50 mm winder tube.


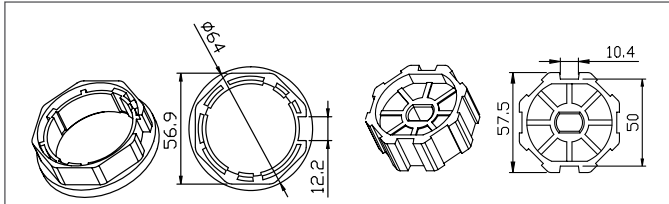
MECHANICAL ACCESSORIES - Ø 45

Octagonal adapters Ø 45 mm




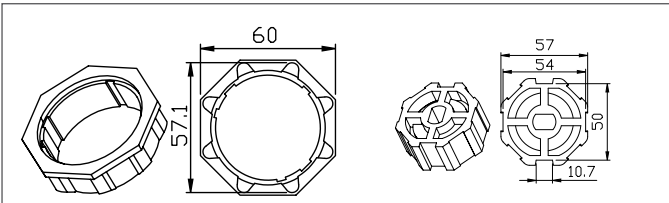
CROWN **PULLEY**

001YK5101
Octagonal 59 x 0.6 mm.


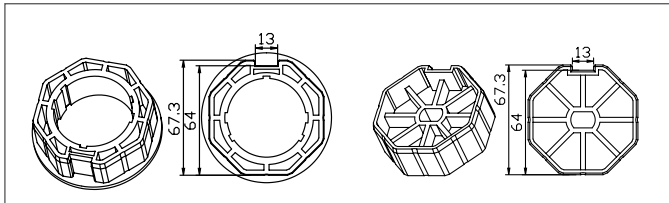
CROWN **PULLEY**

001YK5102
Octagonal 60 x 0.8 mm.


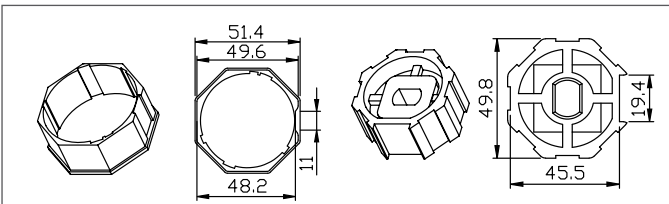
CROWN **PULLEY**

001YK5104
Octagonal 59 x 0.7 mm.


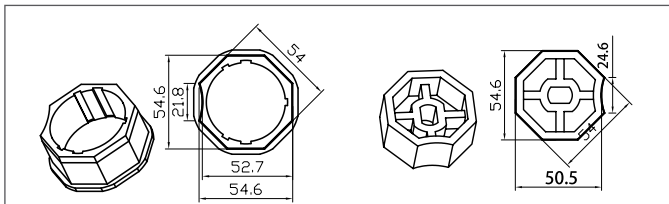
CROWN **PULLEY**

001YK5105
Octagonal 70 x 1.2 mm.


CROWN **PULLEY**

001YK5108
Octagonal 52 x 0.6 mm, eccentric 0,6 mm.

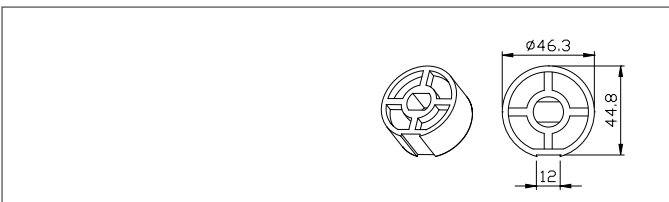



CROWN **PULLEY**

001YK5110
Set of 50/OCT. adapters 60. Bonfanti star print.


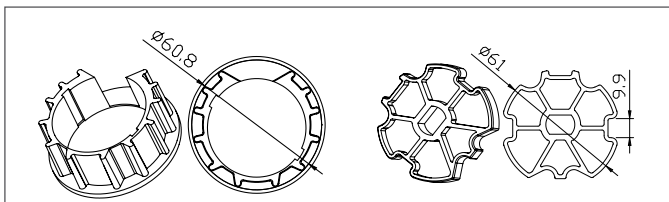


Circular adapters Ø 45 mm




PULLEY

001YK5107
Ring 50 x 1.5 mm.

CROWN **PULLEY**

001YK5112
64 x 1 mm Z.F. round piece



MECHANICAL ACCESSORIES - Ø 45

CROWN **PULLEY**

001YK5116
Ring Z.F. 54 x 0.5 mm.

CROWN **PULLEY**

001YK5120
Ring 70 x 1.5 mm.

CROWN **PULLEY**

001YK5123
80 x 1 mm Z.F. Round piece.

CROWN **PULLEY**

001YK5127
89 x 1 mm DEPRAT Round piece

CROWN **PULLEY**

001YK5128
Ring 58 x 0.8 mm.

CROWN **PULLEY**

001YK5129
Ring 71 x 1.5 mm, eccentric 2 mm.

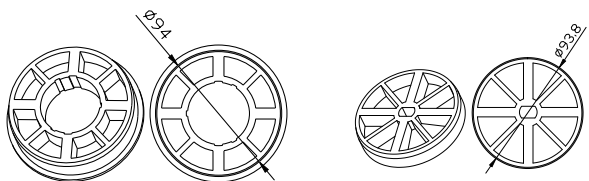
PULLEY

001YK5131
Ring 50 x 1.5 mm SOPROFEN with S key.


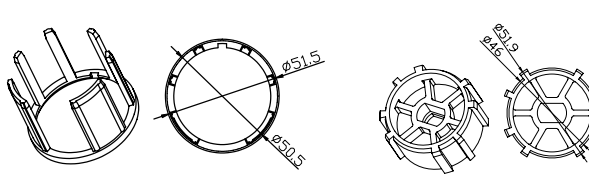
CROWN **PULLEY**

001YK5132
Ring 57 x 1.5 mm


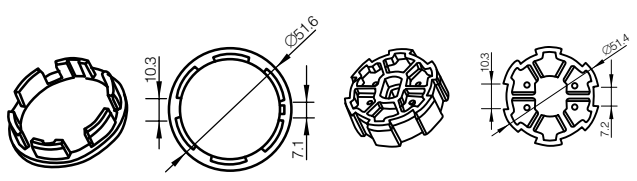
MECHANICAL ACCESSORIES - Ø 45




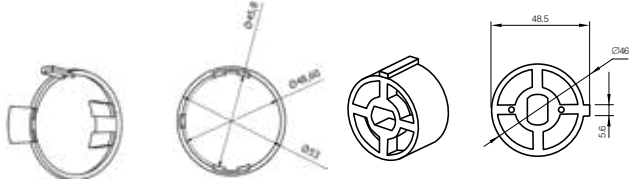
CROWN
001YK5133
 Ring 101.9 x 3.5 mm.


CROWN
001YK5134
 53 x 0.6 mm DEPRAT round piece

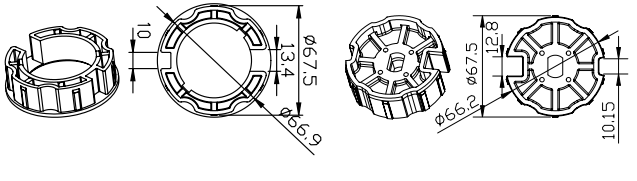
CROWN
001YK5140
 Reinforced tube 56 x 4.5 mm.



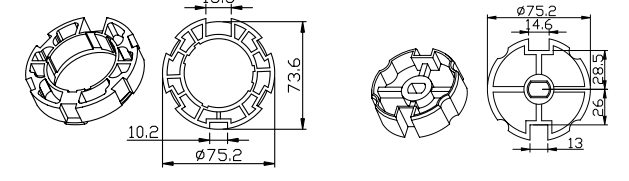
CROWN
001YK5141
 Grooved tube 53 x 3.5 mm.




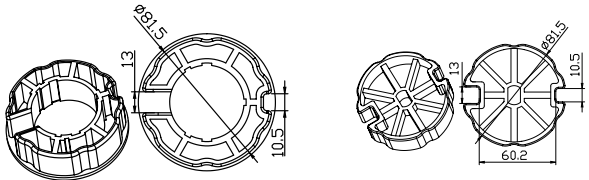
Head adapters Ø 45 mm




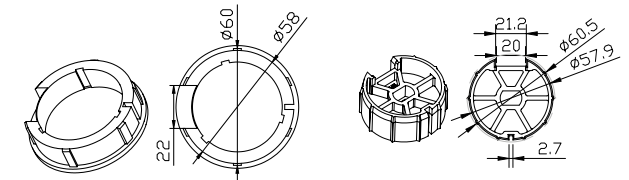
CROWN
001YK5103
 70 x 1 mm Ogive.


CROWN
001YK5106
 Head 78 x 1.2 mm.

CROWN
001YK5111
 Head 85 x 1.2 mm.

CROWN
001YK5115
 DEPRAT Head 62 x 0.6 mm.



MECHANICAL ACCESSORIES - Ø 45

CROWN
001YK5135
 Head 78 x 1.5 mm, housing 13 x 13 mm.

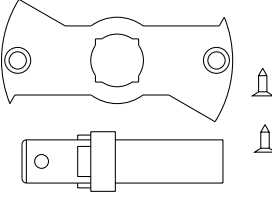
CROWN
001YK5137
 63 mm tilted ogive.

CROWN
001YK5138
 70 mm tilted ogive.

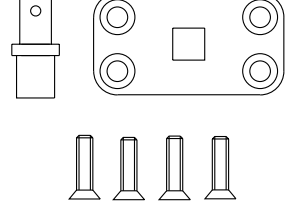
CROWN
001YK5139
 80 mm tilted ogive.

MECHANICAL ACCESSORIES - Ø 45

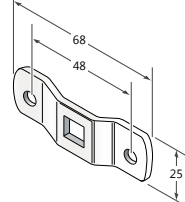
Ø 45 mm Braces



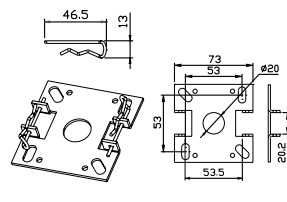
001YM0105
Q10 M0 5
Security insert



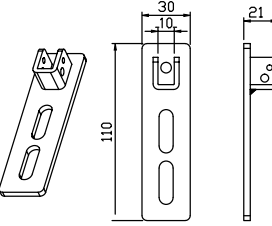
001YM0106
Security insert Q10 MOM 5.



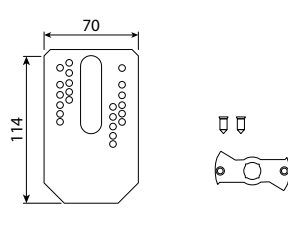
001YM0014
Omega with 48 mm center distance
Q10 housing.



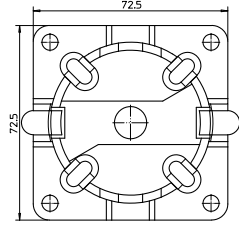
001YM0109
MO 5 chantier brace max 30 Nm.



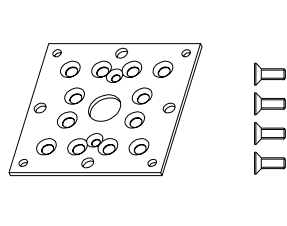
001YM0110
Two-eyel adjustable brace Q10
saddle.



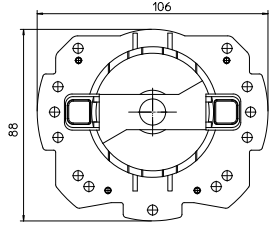
001YM0115
Multi-perforated plate for sides
with pin.



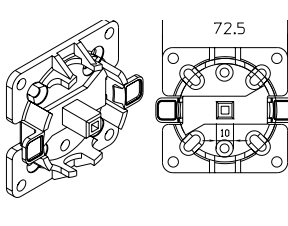
001YM0116
Quick latch MO 5 with plastic hole
max. 20 Nm. Center distance 48/60
mm.



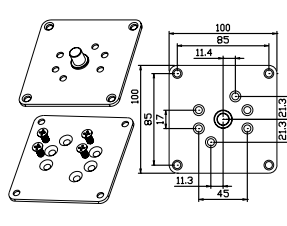
001YM0111
Multi-hole plate for: MOM 6 and
MO6. Dimensions: 100 x 100 mm.



001YM0113
MO 5 quick plastic brace for the ZF
side piece max 20 Nm.

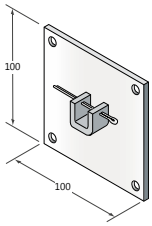


001YM0114
Quick brace MO 5 with Q10 pin in
plastic max. 30 Nm. Center distance
48/60 mm.



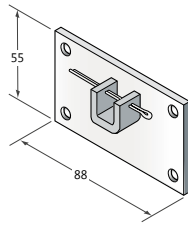
001YM0112
Plate with pin for: MOM 5 and M06.

MECHANICAL ACCESSORIES - Ø 45



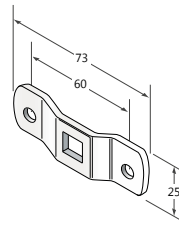
001YM0018

100 x 100 mm brace with Q10 saddle.



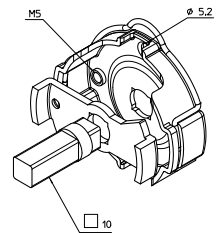
001YM0004

88 x 55 mm brace with Q10 saddle.



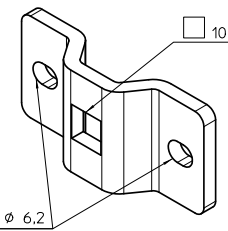
001YM0011

Omega with 60 mm center distance Q10 housing.



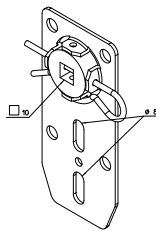
001YM0127

Iron brace for the MO 5.



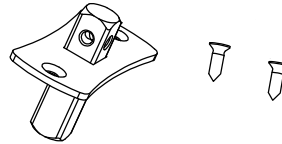
001YM0137

OMEGA Q10 center distance 44-48 mm.



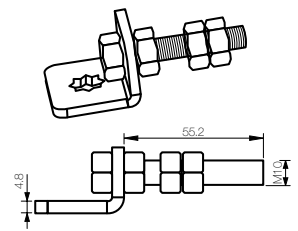
001YM0140

Adjustable brace with bushing for Q10.



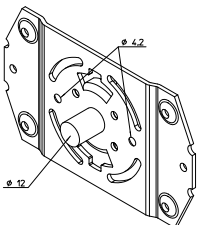
001YM0145

Q10 pin especially made for the MATTIA 5 tube motor.



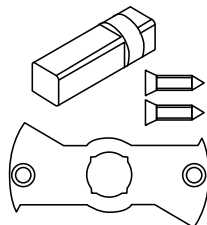
001YM0146

M10 screw brace with size 10 star housing.



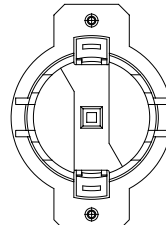
001YM0139

Brace for KOMMERLING side piece.



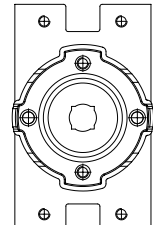
001YM0152

Q10 H4 mm Square-pin safety insert.



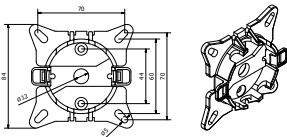
001YM0158

Brace for Edilcasse box.



001YM0159

Quick steel-brace with plate.



001YM0163

Quick brace with center distance q. 70.

MANUAL MANEUVER ACCESSORIES

Rods joints and eyelets



001YM0038

1500 mm White jointed rod with hook.



001YM0040

45° universal joint with 7mm hexagonal eyelet.



001YM0045

Eyelet with 7 mm hexagonal rod.



001YM0050

90° universal joint with 7 mm hexagonal rod.



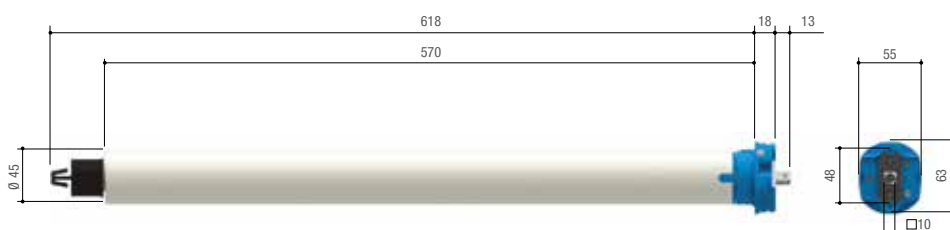
230 V AC - 50 Hz Electronic limit switch 869.50 MHz radio receiver Obstruction detectors in both directions

- Designed for Cloud connection, via Came Connect, using the gateway 842EC-0020 or the QBE Shutters&Lights 842EC-0030 with Matter protocol.
- Specially for shutters.
- Universal head for applying on any anchoring plate.
- The (partial opening) mid point can be adjusted.
- The cabled button can be linked to the step-step command.
- Invert direction of travel, if obstructions is found, when descending.
- FULL AUTOMATIC SETTING up to 20 Nm.

Buttons 89



Dimensions (mm)



Cabling

2.5 m



5 x 0.75 mm²

Technical information

CODE	809Y5-0010	809Y5-0020	809Y5-0030	809Y5-0040	809Y5-0050
Torque (Nm)	10 **	20	30	40	50
Rpm speed (turns/min)	15	15	15	15	12
Hoisted weight (Kg)*	18	36	55	74	92
Duration of operation (min)	4	4	4	4	4
Protection rating (IP)	44	44	44	44	44
Absorption (A)	0,48	0,69	0,87	0,99	0,99
Power (W)	113	161	200	228	228
Length (mm) = L1	604	604	654	654	654
Weight (Kg)	2,21	2,29	2,6	2,7	2,85
Package dimensions (mm)	660 x 80 x 80	660 x 80 x 80	710 x 80 x 80	710 x 80 x 80	710 x 80 x 80
Weight of packed motor (Kg)	2,47	2,64	3,0	3,1	3,25

Can be specially packaged for manufacturers. - * Calculated load for 50 mm winder tube.

**809XG-0040**

Safety insert Q10 for motors with star-shaped head up to 30 Nm.

**809XG-0050**

Quick coupling for star-shaped head motor.

**809XC-0050**

Portable 869.50 MHz transmitter, 15 channels, white.

**809XC-0070**

Portable 869.50 MHz transmitter, 1 channels, white.



230 V AC - 50 Hz Electronic limit switch 433.92 MHz radio receiver Obstruction detectors in both directions

- Special for shutters
- Universal head for applying on any anchoring plate.
- The (partial opening) mid point can be adjusted.
- The cabled button can be linked to the step-step command.
- Inversion of travel direction, in case of obstruction, when descending.
- FULL AUTOMATIC SETTING.



Dimensions (mm)



Cabling



5 x 0.75 mm²



Detail of the exit shaft



Special pulley

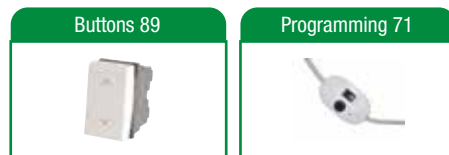
Technical information

CODE	001Y5010A151KLS	001Y5020A151KLS
Torque (Nm)	10 **	20
Rpm speed (turns/min)	15	15
Hoisted weight (Kg)*	18	36
Duration of operation (min)	4	4
Protection rating (IP)	44	44
Absorption (A)	0,48	0,69
Power (W)	113	161
Length (mm) = L1	604	604
Weight (Kg)	2,21	2,29
Package dimensions (mm)	660 x 80 x 80	660 x 80 x 80
Weight of packed motor (Kg)	2,47	2,64



230 V AC - 50 Hz Cabled electronic limit-switch Obstruction detectors in both directions

- Special for shutters
- Universal head for applying on any anchoring plate.
- Inverts the both travel directions if the obstruction detection is activated.
- FULL AUTOMATIC SETTING.



Dimensions (mm)



Cabling



Detail of the exit shaft



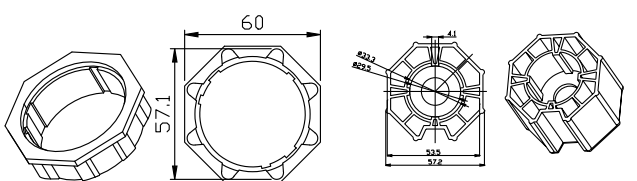
Special pulley

Technical information

CODE	001Y5020A152ENS	001Y5040A122ENS
Torque (Nm)	20	40
Rpm speed (turns/min)	15	12
Hoisted weight (Kg)*	36	74
Duration of operation (min)	4	4
Protection rating (IP)	44	44
Absorption (A)	0,69	0,99
Power (W)	161	228
Length (mm) = L1	604	654
Weight (Kg)	2,29	2,7
Package dimensions (mm)	660 x 80 x 80	710 x 80 x 80
Weight of packed motor (Kg)	2,64	3,1


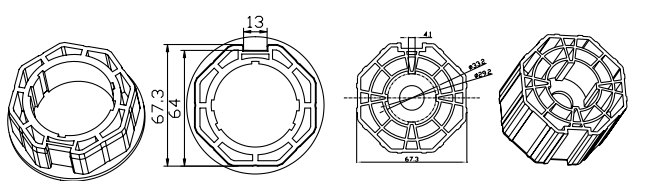
ACCESSORIES FOR SPECIAL SH VERSIONS - Ø 45

Adapters for SH Ø 45 versions




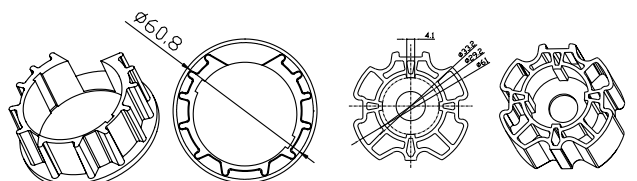
CROWN **PULLEY**

001YK5104S
Octagonal 59 x 0.7 mm SHUTTER.


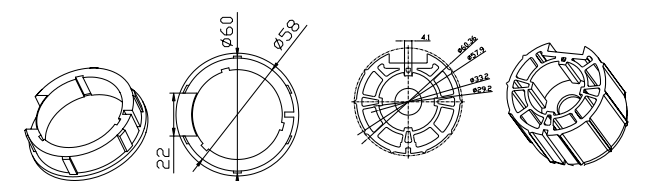
CROWN **PULLEY**

001YK5105S
70 mm Octagonal SHUTTER.


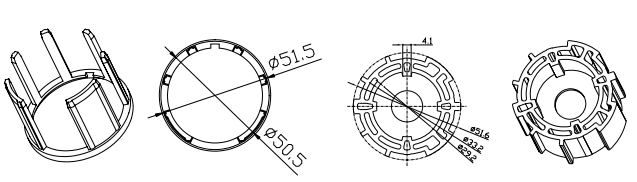
CROWN **PULLEY**

001YK5112S
ZF64 SHUTTER.


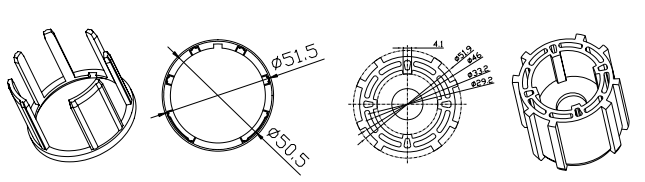
CROWN **PULLEY**

001YK5115S
DEPRAT 62 SHUTTER.


CROWN **PULLEY**

001YK5116S
ZF54 SHUTTER.

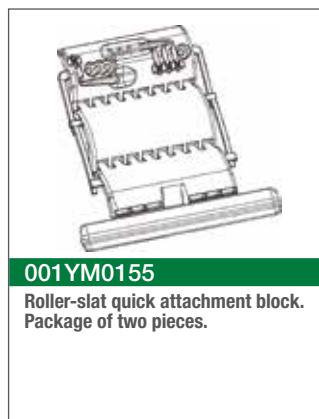
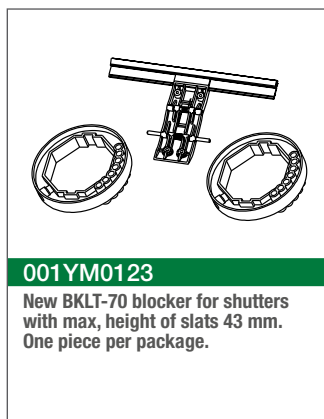
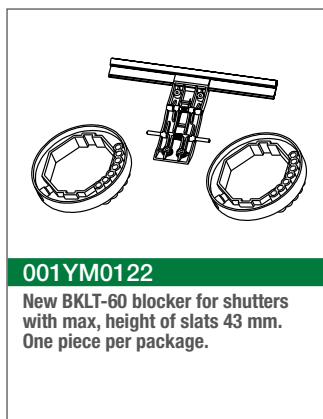



CROWN **PULLEY**

001YK5134S
DEPRAT 53 SHUTTER.



Burglar proof block and rigid springs for FULL AUTOMATIC SETTING function up to 20 Nm



Programmer / Power supply unit





230 V AC - 50 Hz Mechanical limit switch Optional outdoor receiver

- Can be used on 70 mm round or octagonal tube.
- Manual mechanical limit-switch with screw-based progressive adjusting.
- Universal head for applying on any anchoring plate.

Buttons 89



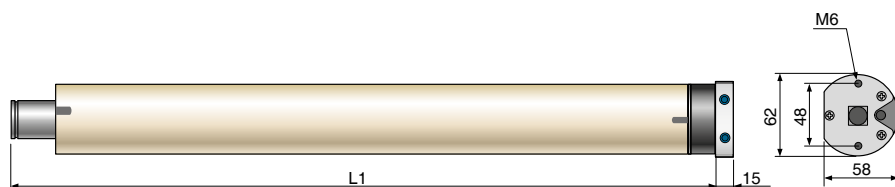
Receivers 92



Transmitters 90



Dimensions (mm)



Cabling



Technical information

CODE	001Y6080A121M0	001Y6100A121M0	001Y6120A101M0
Torque (Nm)	80	100	120
Rpm speed (turns/min)	12	12	10
Hoisted weight (Kg)*	114	143	171
Limit switch revolutions (revolutions)	20	20	20
Duration of operation (min)	4	4	4
Protection rating (IP)	44	44	44
Absorption (A)	1,71	1,7	1,85
Power (W)	396	393	425
Length (mm) = L1	570	570	590
Weight (Kg)	4,8	4,8	5,25
Package dimensions (mm)	650 x 120 x 120	650 x 120 x 120	700 x 120 x 120
Weight of packed motor (Kg)	5,2	5,2	5,65

Can be specially packaged for manufacturers. - * Calculated load for 70 mm winder tube.

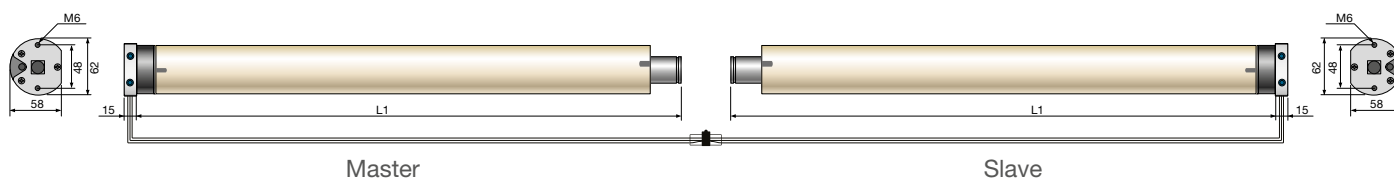


230 V AC - 50 Hz
Double MASTER/SLAVE motor
Mechanical limit switch
Optional outdoor receiver

- Can be used on 70 mm round or octagonal tube.
- Manual mechanical limit-switch with screw-based progressive adjusting.
- Universal head for applying on any anchoring plate.



Dimensions (mm)



Cabling



Technical information

CODE	001UY0045
Torque (Nm)	2 x 120
Rpm speed (turns/min)	10
Hoisted weight (Kg)*	300
Limit switch revolutions (revolutions)	20
Duration of operation (min)	4
Protection rating (IP)	44
Absorption (A)	3,7
Power (W)	850
Length (mm) = L1	590
Weight (Kg)	5.25 x 2
Package dimensions (mm)	700 x 240 x 240
Weight of packed motor (Kg)	5.65 x 2

* Calculated load for 70 mm winder tube. ** Length L1, Weight, Dimension of Boxes, Weight of packed motor these refer to single motors.
 So L1 total will correspond to L1 of the Master motor + L1 of the Slave motor



230 V AC - 50 Hz Mechanical limit switch 433.92 MHz radio receiver

- Can be used on 70 mm round or octagonal tube.
- Manual mechanical limit-switch with screw-based progressive adjusting.
- Universal head for applying on any anchoring plate.



Dimensions (mm)



Cabling



Technical information

CODE	001Y6080A121MOR	001Y6100A121MOR	001Y6120A101MOR
Torque (Nm)	80	100	120
Rpm speed (turns/min)	12	12	10
Hoisted weight (Kg)*	114	143	171
Limit switch revolutions (revolutions)	23	23	23
Duration of operation (min)	4	4	4
Protection rating (IP)	44	44	44
Absorption (A)	1,65	1,7	1,85
Power (W)	385	393	425
Length (mm) = L1	710	710	730
Weight (Kg)	4,8	4,85	5,1
Package dimensions (mm)	860 x 120 x 120	860 x 120 x 120	860 x 120 x 120
Weight of packed motor (Kg)	5,2	5,2	5,3

Can be specially packaged for manufacturers. - * Calculated load for 70 mm winder tube.



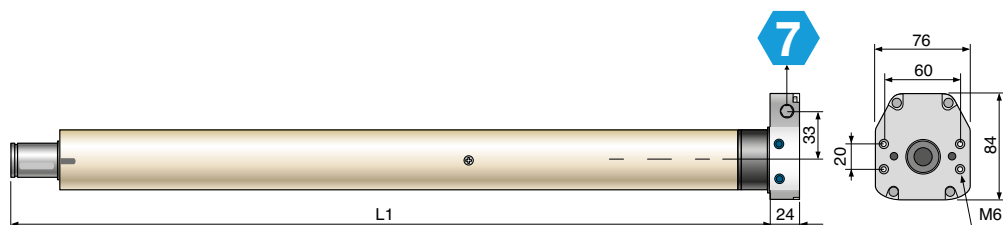
230 V AC - 50 Hz Mechanical limit switch Built-in emergency maneuver



- Can be used on 70 mm round or octagonal tube.
- Manual mechanical limit-switch with screw-based progressive adjusting.
- Manually activated with emergency wand.
- Reduction ratio: 1:34.



Dimensions (mm)



Cabling



Technical information

CODE	001Y6080A121MOM	001Y6100A121MOM	001Y6120A101MOM
Torque (Nm)	80	100	120
Rpm speed (turns/min)	12	12	10
Hoisted weight (Kg)*	114	143	171
Limit switch revolutions (revolutions)	20	20	20
Duration of operation (min)	4	4	4
Protection rating (IP)	44	44	44
Absorption (A)	1,71	1,7	1,85
Power (W)	396	393	425
Length (mm) = L1	610	610	630
Weight (Kg)	5,08	5,25	5,6
Package dimensions (mm)	685 x 120 x 120	685 x 120 x 120	750 x 120 x 120
Weight of packed motor (Kg)	5,48	5,65	6,6

Can be specially packaged for manufacturers. - * Calculated load for 70 mm winder tube.



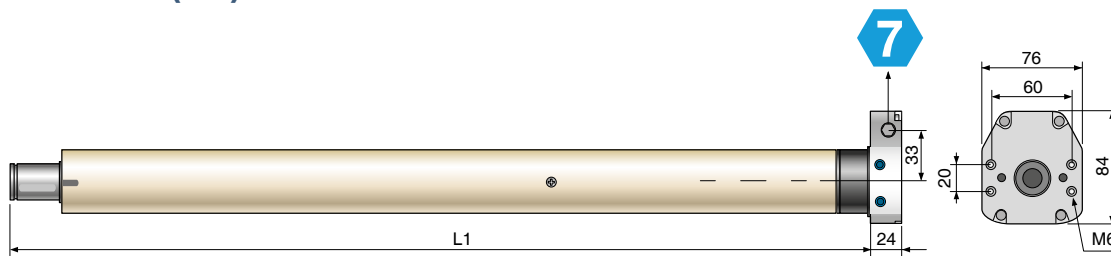
230 V AC - 50 Hz
Mechanical limit switch
Built-in emergency maneuver
433.92 MHz radio receiver



- Can be used on 70 mm round or octagonal tube.
- Manual mechanical limit-switch with screw-based progressive adjusting.
- Manually activated with emergency wand.
- Reduction ratio: 1:34.



Dimensions (mm)



Cabling



Technical information

CODE	001Y6080A121MOMR	001Y6100A101MOMR	001Y6120A101MOMR
Torque (Nm)	80	100	120
Rpm speed (turns/min)	12	10	10
Hoisted weight (Kg)*	114	143	171
Limit switch revolutions (revolutions)	20	20	20
Duration of operation (min)	4	4	4
Protection rating (IP)	44	44	44
Absorption (A)	1,65	1,68	1,85
Power (W)	385	393	425
Length (mm) = L1	790	790	810
Weight (Kg)	5,2	5,2	6
Package dimensions (mm)	860 x 120 x 120	860 x 120 x 120	860 x 120 x 120
Weight of packed motor (Kg)	5,6	5,74	6,6

Can be specially packaged for manufacturers. - * Calculated load for 70 mm winder tube.



230 V AC - 50 Hz Electronic limit switch 433.92 MHz radio receiver

- Aluminum head, black varnished.
- Can be used minimally on either round or octagonal 70 mm tube.
- Universal head for applying on any anchoring plate.
- Infinite number of limit-switch turns,



Dimensions (mm)



Cabling

2.5 m



NEUTRAL
PHASE
GROUND

3 x 0.75 mm²

Technical information

CODE	001Y6080A121KL	001Y6100A121KL	001Y6120A101KL
Torque (Nm)	80	100	120
Rpm speed (turns/min)	12	12	10
Hoisted weight (Kg)*	114	143	171
Duration of operation (min)	4	4	4
Protection rating (IP)	44	44	44
Absorption (A)	1,7	1,7	1,85
Power (W)	393	393	425
Length (mm) = L1	710	710	710
Weight (Kg)	4,9	4,9	4,9
Package dimensions (mm)	860 x 120 x 120	860 x 120 x 120	860 x 120 x 120
Weight of packed motor (Kg)	5,3	5,3	5,3

Can be specially packaged for manufacturers. - * Calculated load for 70 mm winder tube.

MECHANICAL ACCESSORIES - Ø 55

Octagonal adapters Ø 55 mm

CROWN **PULLEY** **ADAPTER**

001YK6101
Octagonal 70 x 1.5 mm.

CROWN **PULLEY** **ADAPTER**

001YK6105
102 x 2 mm Octagonal piece.

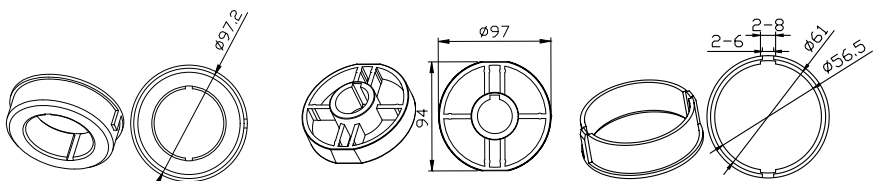
CROWN **PULLEY** **ADAPTER**

001YK6115
70 x 1 mm octagonal.

Circular adapters Ø 55 mm


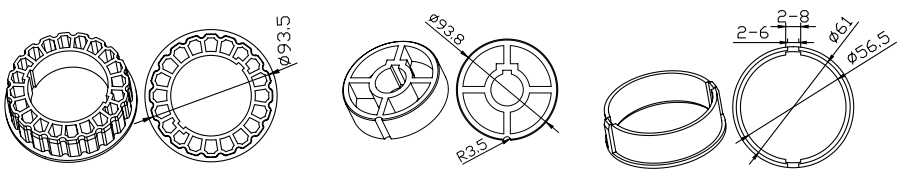
CROWN **PULLEY** **ADAPTER**

001YK6106
80 x 1 mm Z.F. Round piece.




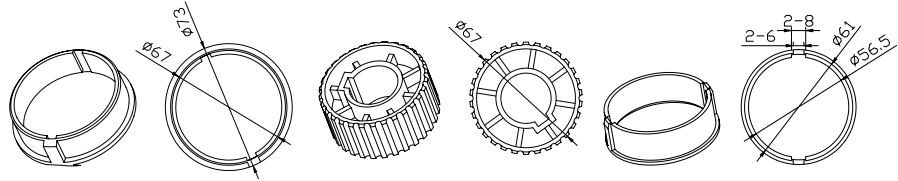
CROWN **PULLEY** **ADAPTER**

001YK6107
Ring 102.5 x 2.5 mm.


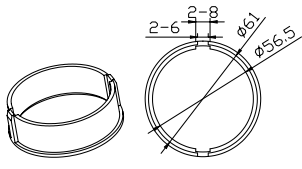
CROWN **PULLEY** **ADAPTER**

001YK6109
Ring 98 x 1.5 mm.


CROWN **PULLEY** **ADAPTER**

001YK6113
Ring 70 x 1.2 mm.

ADAPTER

001YK6116
Adapter crown D.59.



MECHANICAL ACCESSORIES - Ø 55

Adapters to head Ø 55 mm

CROWN **PULLEY** **ADAPTER**

001YK6103
Head 78 x 1.2 mm, eccentric 4 mm.

CROWN **PULLEY** **ADAPTER**

001YK6108
Ring 90 x 1.5 mm.

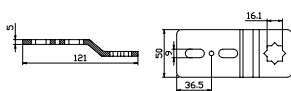
CROWN **PULLEY** **ADAPTER**

001YK6112
85 x 1 mm ogive.

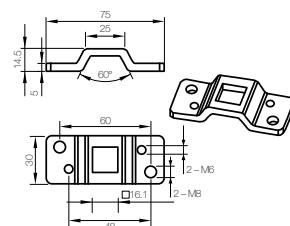
CROWN **PULLEY** **ADAPTER**

001YK6114
80 mm tilted ogive.

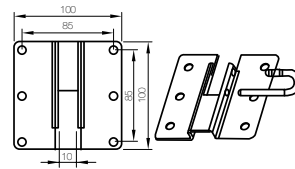
Ø 55 mm supports



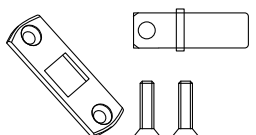
001YM0117
Q16 Adjustable saddle brace.



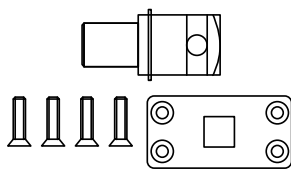
001YM0118
Omega Q16 with double, 48 and 60, center distance and threaded holes.



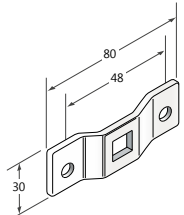
001YM0119
Omega with Q16 saddle on 100 x 1000 plate.



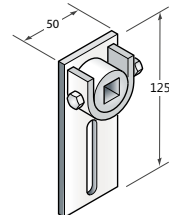
001YM0120
Q16 safety insert for the MO 6.



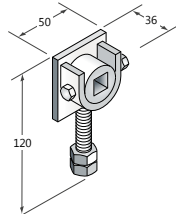
001YM0121
Q16 safety insert for the MOM 6.



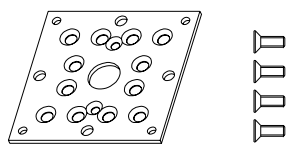
001YM0031
Omega with 48 mm center distance Q16 housing.



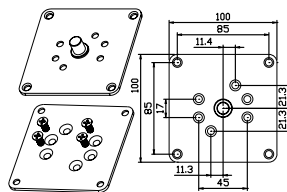
001YM0002
Settable brace with Q16 bushing.



001YM0003
M12 screw brace with Q16 bushing.



001YM0111
Multi-hole plate for: MOM 6 and M06. Dimensions: 100 x 100 mm.



001YM0112
Plate with pin for: MOM 5 and M06.

MANUAL MANEUVER ACCESSORIES

Rods joints and eyelets



001YM0038

1500 mm White jointed rod with hook.



001YM0040

45° universal joint with 7mm hexagonal eyelet.



001YM0045

Eyelet with 7 mm hexagonal rod.



001YM0050

90° universal joint with 7 mm hexagonal rod.



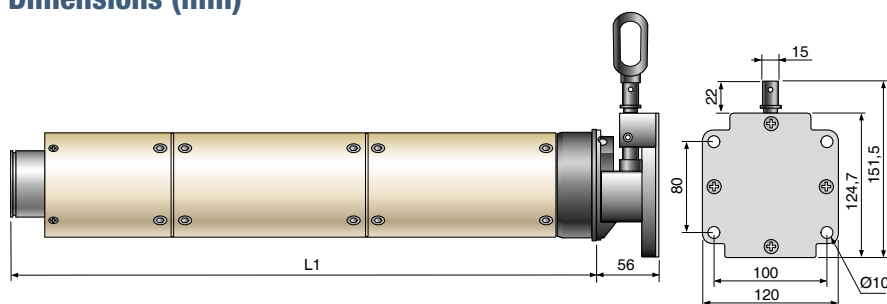
230 V AC - 50 Hz Mechanical limit switch Built-in emergency maneuver

- Can be used on the 102 mm round tube.
- Manual mechanical limit-switch with screw-based progressive adjusting.
- Can also be used on shutters and garage doors.
- Manually activated with emergency wand.
- Reduction ratio: 1:320 motor 300 Nm.
- Reduction ratio: 1:250 motor 230 Nm.
- Emergency maneuver already included in the package.

Buttons 89



Dimensions (mm)



Cabling

2.5 m



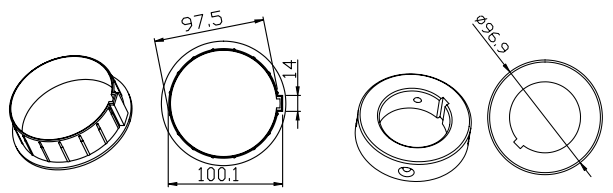
4 x 0.75 mm²

Technical information

CODE	001Y9230A121MOM	001Y9300A091MOM
Torque (Nm)	230	300
Rpm speed (turns/min)	9	9
Hoisted weight (Kg)*	290	370
Limit switch revolutions (revolutions)	22	22
Duration of operation (min)	4	4
Protection rating (IP)	44	44
Absorption (A)	2,75	2,96
Power (W)	602	661
Length (mm) = L1	534	554
Weight (Kg)	13,3	14,3
Package dimensions (mm)	650 x 165 x 235	650 x 165 x 233
Weight of packed motor (Kg)	14	15


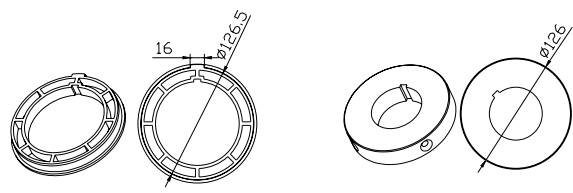
MECHANICAL ACCESSORIES - Ø 92

Circular adapters Ø 92 mm




CROWN
001YK9101
102 x 2 mm round piece

PULLEY

CROWN
001YK9102
133 x 2 mm round piece

PULLEY



Emergency maneuver



001YM0038
1500 mm White jointed rod with hook.

ACCESSORIES





ACCESSORIES

Compensation rings and endcaps



Bearings and braces



ACCESSORIES

Wi-Fi gateway RKL



809XG-0140

Radio gateway for roller shutters control.



809XG-0150

Radio gateway for roller shutters control.

Compatible with:

EDISON B3 - EDISON B4 - MONDRIAN R4

MONDRIAN R5 - MONDRIAN MR5 - KLIMT 5

MONDRIAN R6 - MONDRIAN MR6 - KLIMT 6

Centralization modules



001YE0005

Centralization module for two mechanical motors.



001YE0006

Centralization module for four mechanical motors.

Programmer / Power supply unit



001YE0124

Programmer for Ensor SH5. Power driver for tube motors max. 3 A.

Buttons and switches



001YE0032

Self-returning to central zero diverter button - white.



001YE0034

Self-locking diverter and central zero - white.



001YE0043

Self-supporting wall casing for single, white deviator.

ACCESSORIES

ELVIS collection transmitters



ELVIS 1

001YE0144

Portable 433.92 MHz transmitter, 1 channel, white.



ELVIS 15

001YE0145

Portable 433.92 MHz transmitter, 15 channels, white.



ELVIS 1

001YE0148

Portable 433.92 MHz transmitter, 1 channel, black.



ELVIS 15

001YE0149

Portable 433.92 MHz transmitter, 15 channels, black.

Transmitters

HENDRIX collection transmitters



HENDRIX 1

001YE0146

Wall-mounted 433.92 MHz transmitter, 1 channel, white.



HENDRIX 15

001YE0147

Wall-mounted 433.92 MHz transmitter, 15 channels, white.



HENDRIX 1

001YE0150

Wall-mounted 433.92 MHz transmitter, 1 channel, black.



HENDRIX 15

001YE0151

Wall-mounted 433.92 MHz transmitter, 15 channels, black.



HENDRIX TIMER TX5

001YE0166

Radio timer 433.92MHz 5 channels, white.



HENDRIX TIMER TX5

001YE0168

Radio timer 433.92MHz 5 channels, black.

WAGNER collection Transmitters



WAGNER 1

001YE0101

One-channel 433.92 MHz transmitter with wall brace.



WAGNER 5

001YE0102

Transmitter 433.92 MHz 5 channels with wall brace.



VIVALDI collection transmitters



VIVALDI MONOTOUCH

001YE0140

Single-key 433.92 MHz transmitter with wall brace.



VIVALDI TX1

001YE0104

One-channel 433.92 MHz transmitter with wall brace.



VIVALDI TIMER TX1

001YE0115

Transmitter 433.92 MHz 1 channel with wall brace.



VIVALDI TIMER TX5

001YE0116

Transmitter 433.92 MHz 1 channel with wall brace.

ACCESSORIES

Weather sensors and stations BACH collection



STRAUSS collection sensors and weather units



RKLT collection receivers



MARTINI collection control panels





CAME

ACTUATORS FOR BLINDS







24 V DC Protection rating IP44 Encoder controlled movement Adjusting speed

- Plain-view operator for blinds and swing-shutters.
- Programmable options: maintained action, adjustable maneuvering and slow-down speed; sensitivity adjusting, slowed down start and closing and immediate closing in case of power outages, plus inverted direction of travel in case of obstruction detection.
- Works during blackouts thanks to the emergency batteries.
- Irreversible motor prevents forced entry from outside.
- Voilà is safe and runs on low-voltage (24 V) and, during power outages, the shutters can be manually controlled, by releasing and re-blocking them in any position.
- Emergency release system.
- Reinforced rods.

Buttons 89



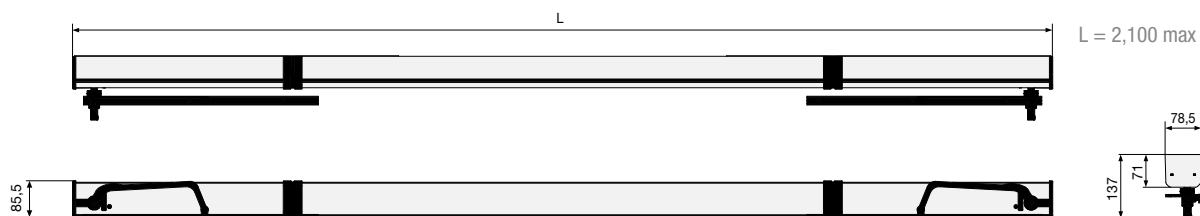
Weather 92



Transmitters 90



Dimensions (mm)



Technical information

CODE	001VLR01DX	001VLR01SX	001VLR02
Torque (Nm)	33	33	2 x 33
Protection rating (IP)	44	44	44
Power supply (V - 50/60 Hz)	230 AC	230 AC	230 AC
Power supply to motor (V)	24 DC	24 DC	24 DC
Absorption (A)	3 max	3 max	6 max
Power (W)	75	75	150
Opening time at 180° (s)	Adjustable	Adjustable	Adjustable
Duty/cycle (%)	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55 x 2

Accessories

CODE	OBLIGATORY ACCESSORIES
001VLR07DX	Right-hand curved transmission arm for single-panel leaf.
001VLR07SX	Left-hand curved transmission arm for single-panel leaf.
001VLR08DX	Curved adjustable right-hand transmission arm for jointed two-paneled shouldered leaves of up to 170 mm or for one-paneled leaves with hinges not flush with the shoulder.
001VLR08SX	Curved adjustable left-hand transmission arm for jointed two-paneled shouldered leaves of up to 170 mm or for one-paneled leaves with hinges not flush with the shoulder.
001VLR09DX	Curved adjustable right-hand transmission arm for jointed two-paneled shouldered leaves of from 170 mm to 240 mm.
001VLR09SX	Curved adjustable left-hand transmission arm for jointed two-paneled shouldered leaves of from 170 mm to 240 mm.
001VLR10DX	Right-hand curved transmission arm for single-panel leaf.
001VLR10SX	Left-hand curved transmission arm for single-panel leaf.
001VLR04	Covering transom for passage breadths of up to 2,10 m.
001VLR05	Card for operation during emergency black outs and for recharging the batteries complete with casing. Two 12 V – 0.8 Ah batteries.

COMPLETE SYSTEMS

CODE	OBLIGATORY ACCESSORIES
001UV01	Complete system for two single panel swing-leaves composed of: no. 1 irreversible right-hand operator complete with electronic board, encoder-based motion control and obstacle detection device; no. 1 irreversible left-hand gearmotor; no. 1 connecting cable between the two gearmotors; no. 1 VLR07DX curved right-hand transmission arm; no. 1 VLR07SX curved left-hand transmission arm; no. 1 AF43S radio-frequency board at 433.92 MHz; no. 1 Vivaldi TX1 transmitter.
001UV02	Complete system for two two-paneled jointed leaves composed of: no. 1 irreversible right-hand operator complete with electronic board, encoder-based motion control and obstacle detection device; no. 1 irreversible left-hand gearmotor; no. 1 connecting cable between the two gearmotors; no. 1 VLR08DX curved right-hand adjustable transmission arm; no. 1 VLR08SX curved left-hand adjustable transmission arm; no. 1 AF43S radio-frequency board at 433.92 MHz; no. 1 Vivaldi TX1 transmitter.
001UV03	Complete system for one right-hand single panel swing-leaf composed of: no. 1 irreversible right-hand operator complete with electronic board, encoder-based motion control and obstacle detection device; no. 1 VLR07DX curved right-hand transmission arm; no. 1 AF43S radio-frequency board at 433.92 MHz; no. 1 Vivaldi TX1 transmitter.
001UV04	Complete system for one left-hand single panel swing-leaf composed of: no. 1 irreversible left-hand operator complete with electronic board, encoder-based motion control and obstacle detection device; no. 1 VLR07SX curved left-hand transmission arm; no. 1 AF43S radio-frequency board at 433.92 MHz; no. 1 Vivaldi TX1 transmitter.
001UV05	Complete system for one right-hand jointed two-paneled swing-leaf composed of: no. 1 irreversible right-hand operator complete with electronic board, encoder-based motion control and obstacle detection device; no. 1 VLR08DX curved right-hand adjustable transmission arm; no. 1 AF43S radio-frequency board at 433.92 MHz; no. 1 Vivaldi TX1 transmitter.
001UV06	Complete system for one left-hand jointed two-paneled swing-leaf composed of: no. 1 irreversible left-hand operator complete with electronic board, encoder-based motion control and obstacle detection device; no. 1 VLR08SX curved left-hand adjustable transmission arm; no. 1 433.92 MHz radio-frequency card ; no. 1 Vivaldi TX1 transmitter.

Discover more about **CAME CONNECT**, visit the website www.came.com

NOTES:

The transom color can be customized.

For greater details or to ask for non-standard colors, please contact your sales contact person.

APPLICATIVE EXAMPLES



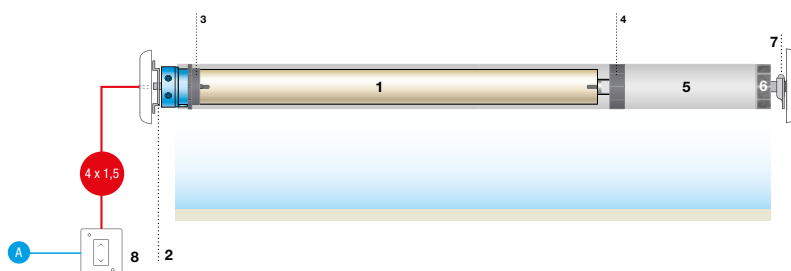


MOTOR WITH MECHANICAL LIMIT SWITCH

MONDRIAN 4 - Ø 35 MOTOR WITH MECHANICAL LIMIT SWITCH

- 1 MONDRIAN 4 Motor
- 2 Motor brace
- 3 Crown (adaptor)
- 4 Wheel (adaptor)
- 5 Winder tube
- 6 Telescopic or standard cap
- 7 Brace and bearing for cap
- 8 Baffle

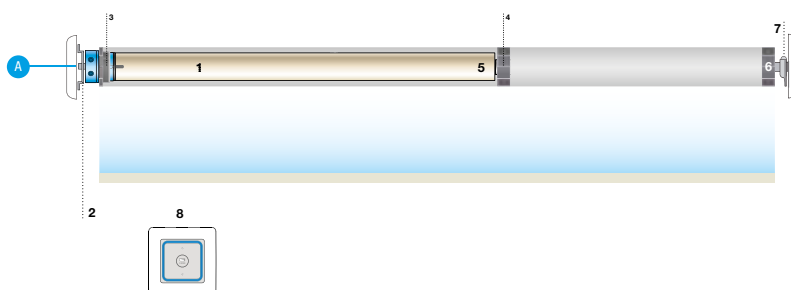
A 230 V AC POWER 3 x 1.5



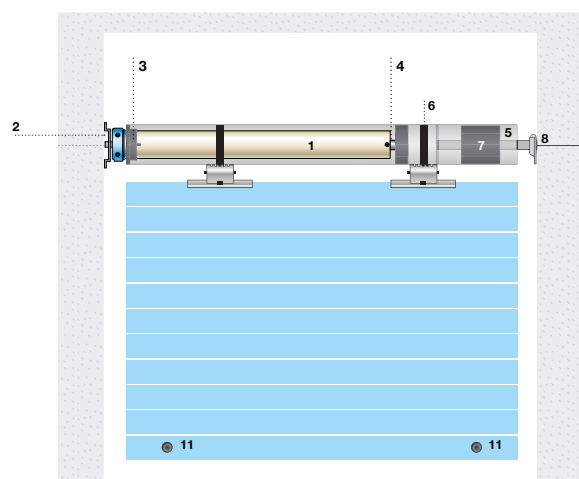
MONDRIAN R4 - Ø 35 MOTOR WITH MECHANICAL LIMIT SWITCH AND BUILT-IN RECEIVER

- 1 MONDRIAN R4 motor
- 2 Motor brace
- 3 Crown (adaptor)
- 4 Wheel (adaptor)
- 5 Winder tube
- 6 Telescopic or standard cap
- 7 Brace and bearing for cap
- 8 VIVALDI TX1 Portable one-channel transmitter

A 230 V AC POWER 3 x 1.5

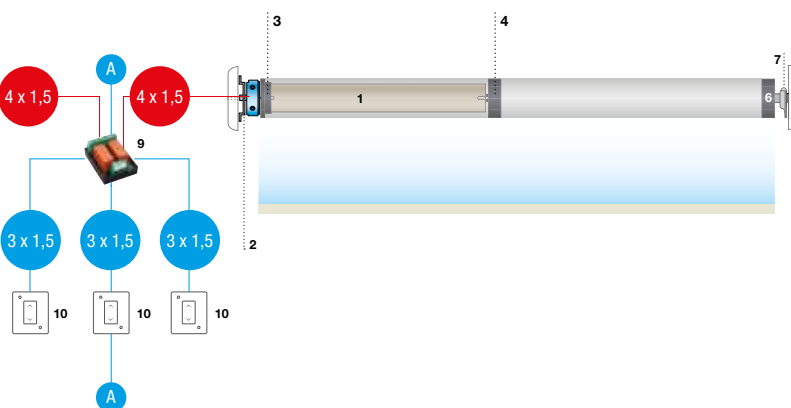


MONDRIAN 5 - Ø 45 MOTOR WITH MECHANICAL LIMIT SWITCH



- 1 MONDRIAN 5 motor
- 2 Motor brace
- 3 Crown (adaptor)
- 4 Wheel (adaptor)
- 5 Winder tube
- 6 Ring (optional)
- 7 Telescopic or standard cap
- 8 Brace and bearing for cap
- 9 001YE0005 Centralization module for mechanical motors
- 10 Baffle
- 11 End caps

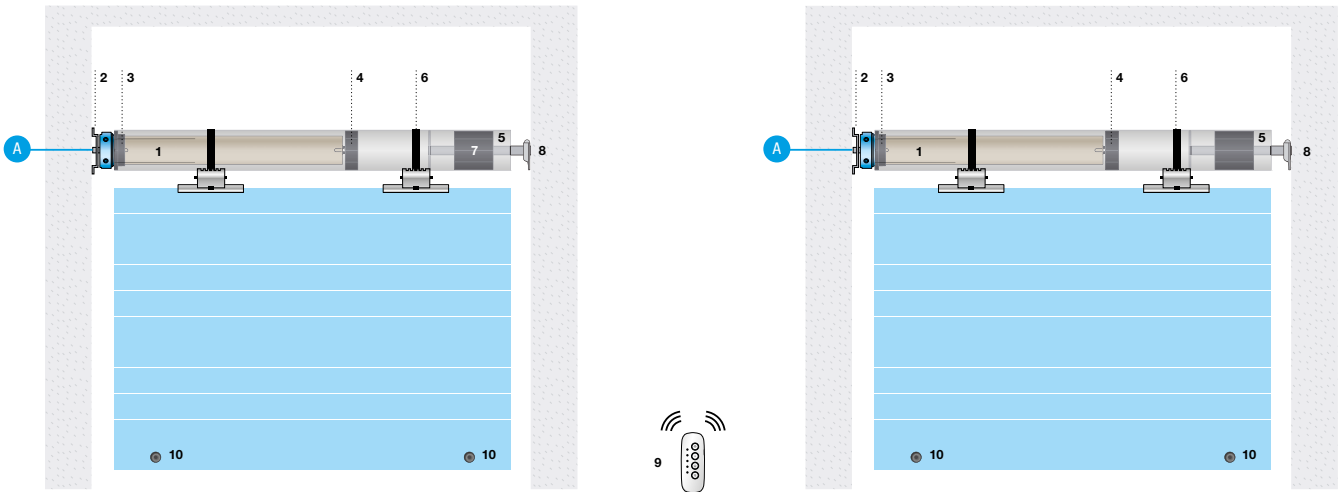
A 230 V AC POWER 3 x 1.5



ATTENTION

For electrical connections see the installation manual.

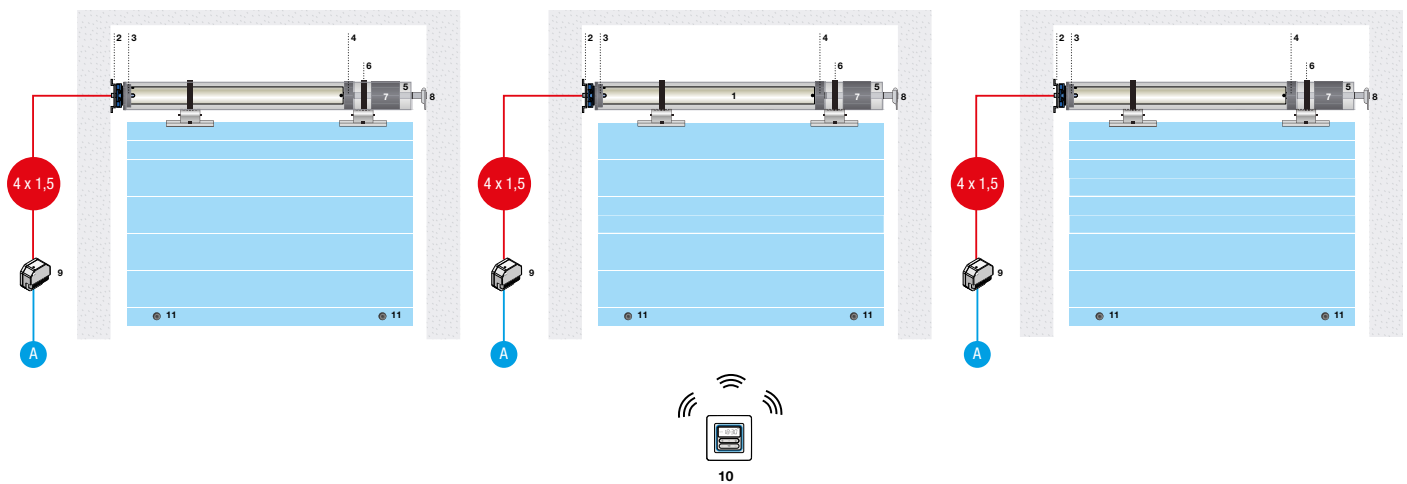
MONDRIAN R5 - Ø 45 MOTOR WITH MECHANICAL LIMIT SWITCH AND BUILT-IN RECEIVER



- 1 MONDRIAN R5 motor
- 2 Motor brace
- 3 Crown (adaptor)
- 4 Wheel (adaptor)
- 5 Winder tube
- 6 Ring (optional)
- 7 Telescopic or standard cap
- 8 Brace and bearing for cap
- 9 WAGNER 5 Five-channel transmitter
- 10 End caps
- 11 End caps

A 230 V AC POWER 3 x 1.5

MONDRIAN MATTA 5 - Ø 45 MOTOR WITH MECHANICAL LIMIT SWITCH



- 1 MATTA 5 Motor
- 2 Motor brace
- 3 Crown (adaptor)
- 4 Wheel (adaptor)
- 5 Winder tube
- 6 Ring (optional)
- 7 Telescopic or standard cap
- 8 Brace and bearing for cap
- 9 RKL-T-W50 Recessed receiver
- 10 VIVALDI TIMER TX5 transmitter
- 11 End caps

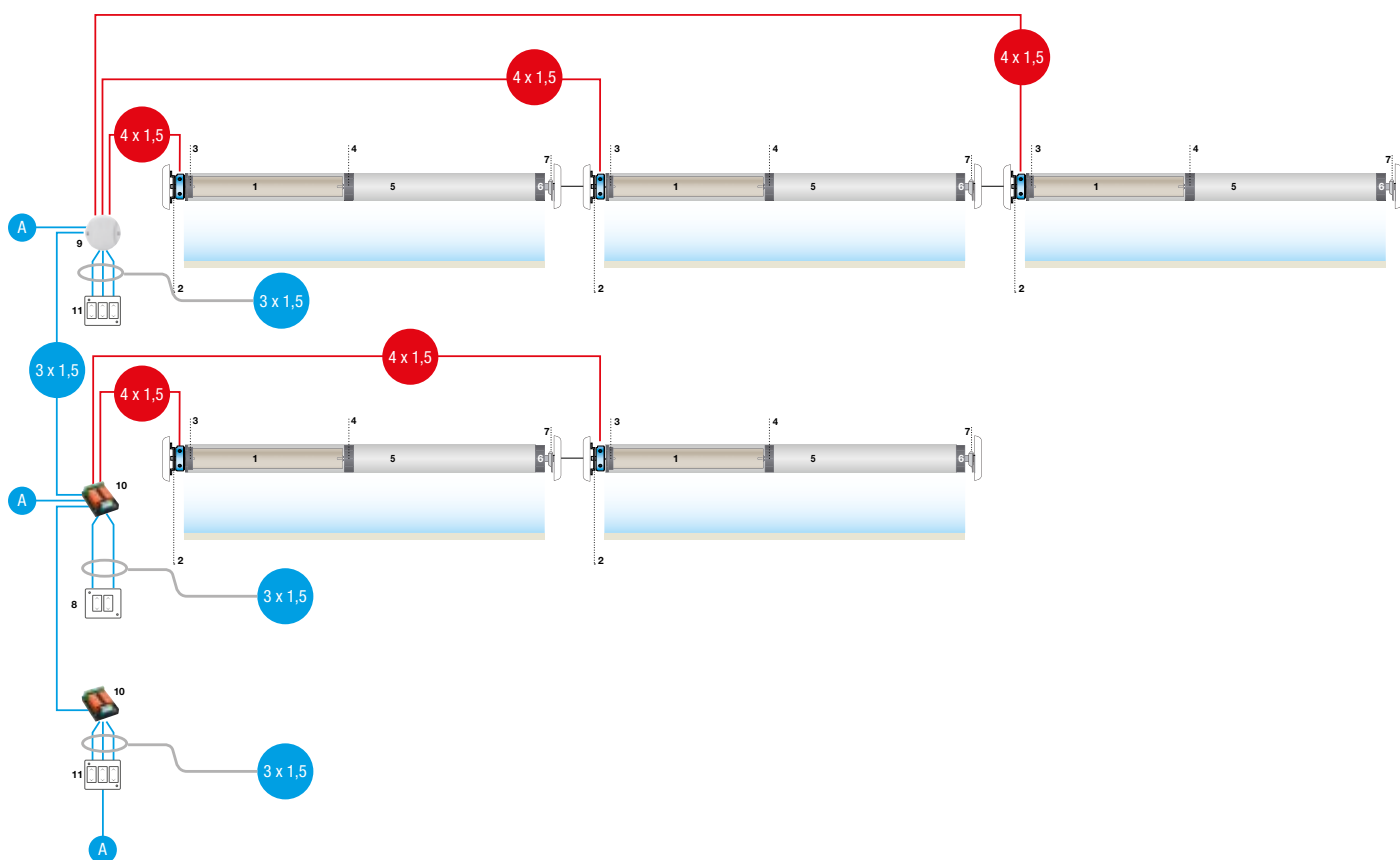
A 230 V AC POWER 3 x 1.5

ATTENTION
For electrical connections see the installation manual.

MOTOR WITH MECHANICAL LIMIT SWITCH

MONDRIAN 5 - Ø 45

MOTOR WITH MECHANICAL LIMIT-SWITCH, MULTIPLE CENTRALIZATION OF MECHANICAL MOTORS

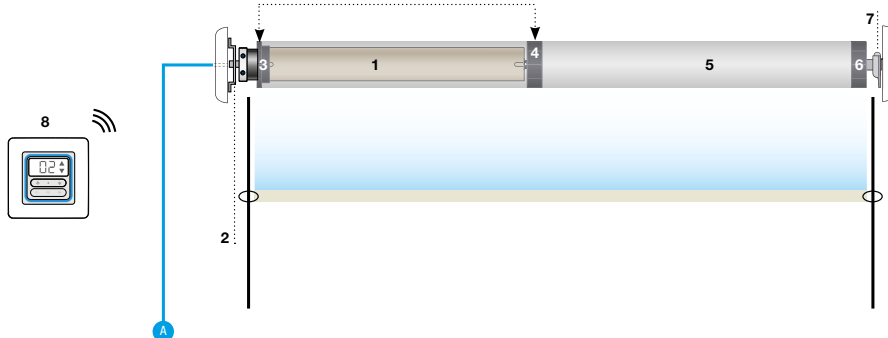


- | | | | |
|---|----------------------------|----|--|
| 1 | MONDRIAN 5 motor | 7 | Brace and bearing for cap |
| 2 | Motor brace | 8 | One double button |
| 3 | Crown (adaptor) | 9 | One centralization for three motors 001YE006 |
| 4 | Wheel (adaptor) | 10 | Two centralization for two motors 001YE005 |
| 5 | Winder tube | 11 | Two triple buttons |
| 6 | Telescopic or standard cap | | |
- A 230 V AC POWER 3 x 1.5

KLIMT 6 - Ø55

TWO MOTORS WITH RADIO-BASED MECHANICAL LIMIT SWITCH

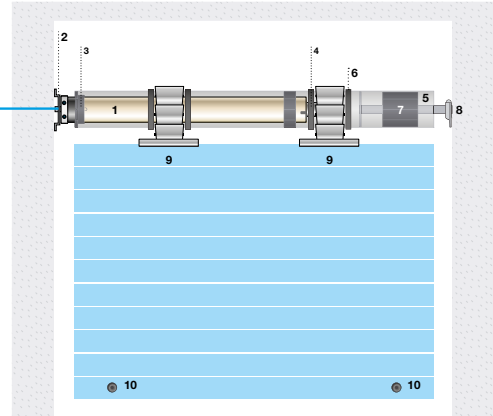
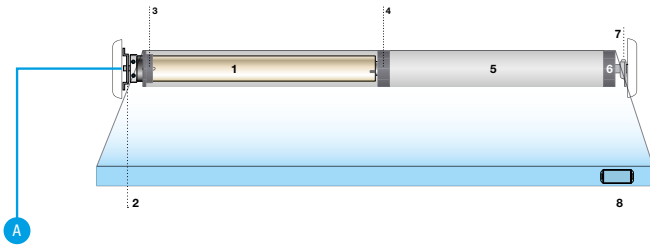
- | | |
|---|--|
| 1 | MONDRIAN R6 Motor |
| 2 | Motor brace |
| 3 | Crown (adaptor) |
| 4 | Wheel (adaptor) |
| 5 | Winder tube |
| 6 | Telescopic or standard cap |
| 7 | Brace and bearing for cap |
| 8 | VIVALDI TIMER TX1 One-channel portable transmitter |



ATTENTION

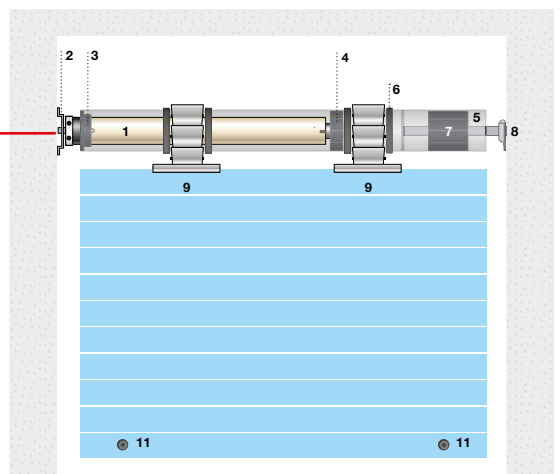
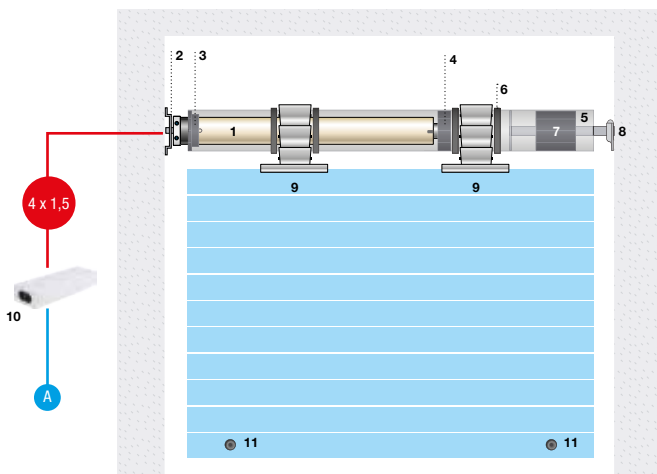
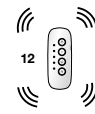
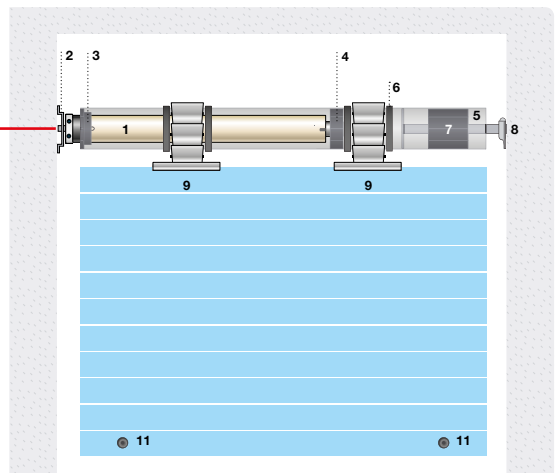
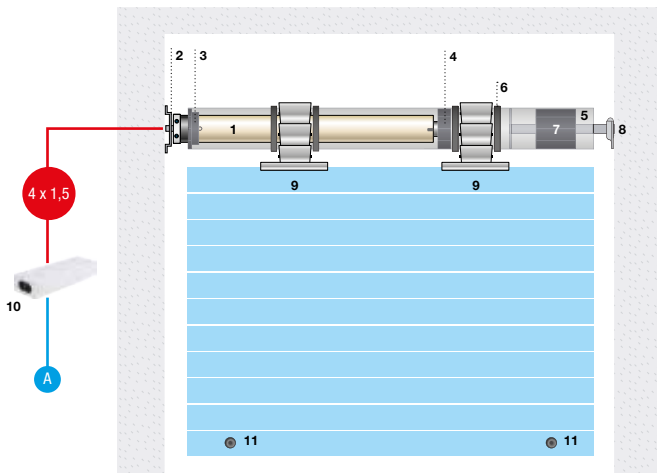
For electrical connections see the installation manual.

MONDRIAN R6 - Ø 55
TWO MOTORS WITH RADIO-BASED MECHANICAL LIMIT SWITCH



- | | | | |
|---|-------------------|---|--|
| 1 | MONDRIAN R6 Motor | 6 | Telescopic or standard cap |
| 2 | Motor brace | 7 | Brace and bearing for cap |
| 3 | Crown (adaptor) | 8 | Awing protection. BACH KLT vibration-sensing safety device |
| 4 | Wheel (adaptor) | 9 | WAGNER 5 Five-channel transmitter |
| 5 | Winder tube | | |
- A 230 V AC POWER 3 x 1.5

MONDRIAN 6 - Ø 55
MOTOR WITH MECHANICAL LIMIT-SWITCH, MULTIPLE CENTRALIZATION OF MECHANICAL MOTORS



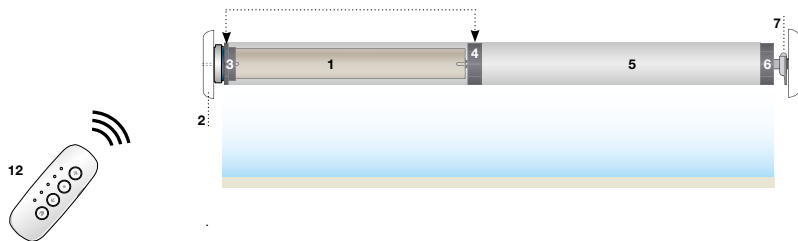
- | | | | |
|---|----------------------------|----|--|
| 1 | Four MONDRIAN 6 motors | 8 | Brace and bearing for cap |
| 2 | Motor brace | 9 | Burglar proof spring (optional) |
| 3 | Crown (adaptor) | 10 | Four RKL external receivers for motors with electromechanical limit-switches |
| 4 | Wheel (adaptor) | 11 | End caps |
| 5 | Winder tube | 12 | WAGNER 5 Five-channel transmitter |
| 6 | Ring (optional) | | |
| 7 | Telescopic or standard cap | | |
- A 230 V AC POWER 3 x 1.5

MOTOR WITH ELECTRONIC LIMIT SWITCH

EDISON B3 - Ø 25

MOTOR WITH ENCODER-BASED ELECTRONIC LIMIT-SWITCH AND BUILT-IN RECEIVER

- 1 EDISON B3 Motor
- 2 Motor brace
- 3 Crown (adaptor)
- 4 Wheel (adaptor)
- 5 Winder tube
- 6 Telescopic or standard cap
- 7 Brace and bearing for cap
- 12 Wagner 5 five-channel transmitter

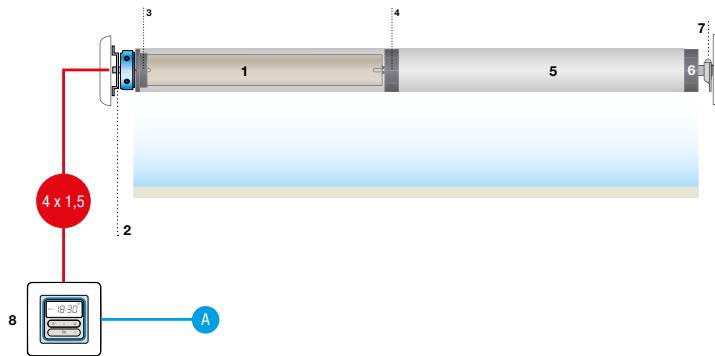


ENSOR 4 - Ø 35

MOTOR WITH ELECTRONIC LIMIT SWITCH VIA CABLE

- 1 ENSOR 4 Motor
- 2 Motor brace
- 3 Crown (adaptor)
- 4 Wheel (adaptor)
- 5 Winder tube
- 6 Telescopic or standard cap
- 7 Brace and bearing for cap
- 8 VIVALDI TIMER 1 Cable-based one-channel timer

A 230 V AC POWER 3 x 1.5

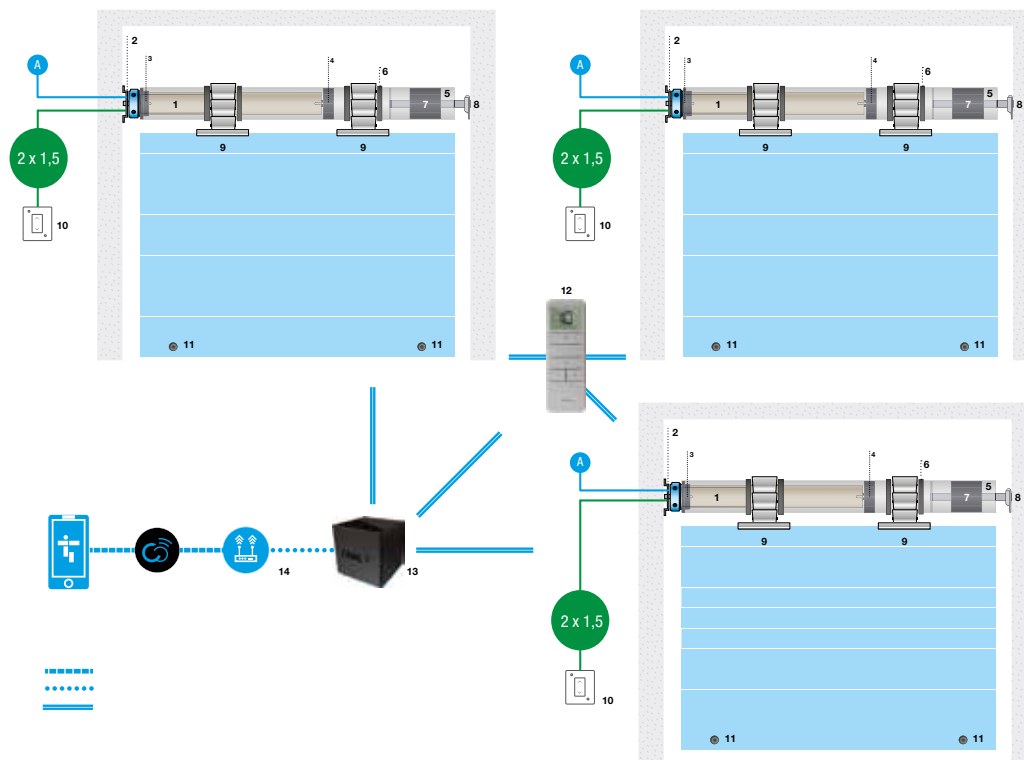


ATTENTION

For electrical connections see the installation manual.

MOTOR WITH ELECTRONIC LIMIT SWITCH

KBS 5 - Ø 45 MOTOR WITH ELECTRONIC LIMIT-SWITCH AND BUILT-IN RECEIVER



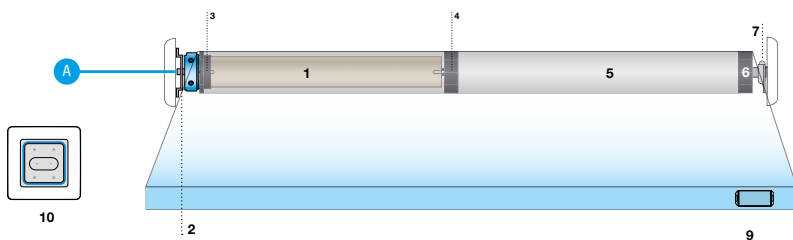
- 1 KBS 5 motor
- 2 Motor brace
- 3 Crown (adaptor)
- 4 Wheel (adaptor)
- 5 Winder tube
- 6 Ring (optional)
- 7 Telescopic or standard cap
- 8 Brace and bearing for cap
- 9 Rigid springs (optional)
- 10 Wired button. Spot or wired control
- 11 End caps
- 12 Remote control EBR15
- 13 QBE Smart Home (optional)
- 14 Router

A 230 V AC POWER 3 x 1.5

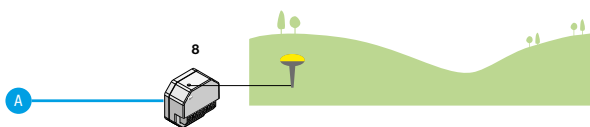
ATTENTION
For electrical connections see the installation manual.

KLIMT 5 - Ø 45 MOTOR WITH ELECTRONIC LIMIT SWITCH WITH BUILT-IN RECEIVER

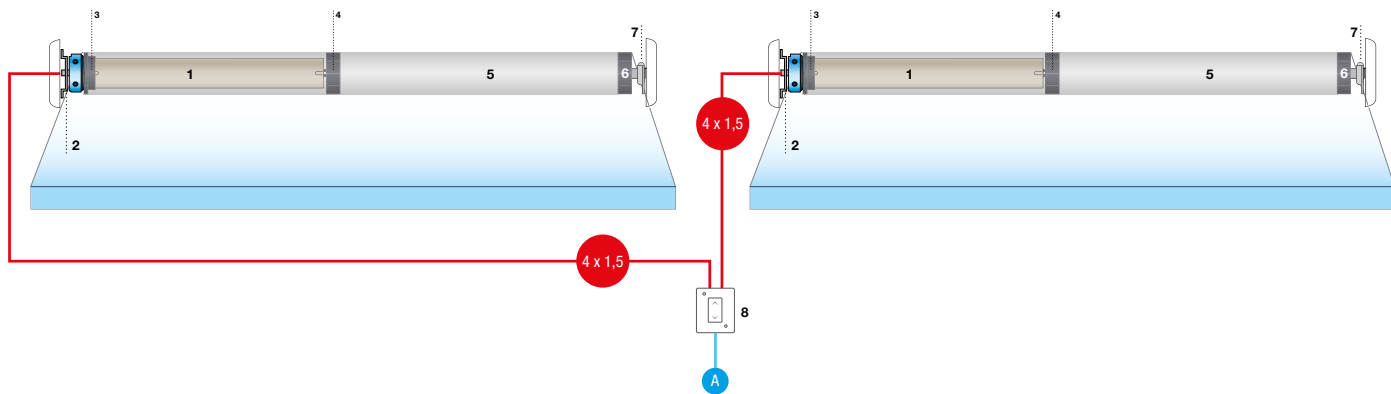
- 1 KLIMT 5 motor
- 2 Motor brace
- 3 Crown (adaptor)
- 4 Wheel (adaptor)
- 5 Winder tube
- 6 Telescopic or standard cap
- 7 Brace and bearing for cap
- 8 RKLТ-WL Lighting control recess-mounted receiver
- 9 Awning protection. BACH KLT vibration-sensing safety device
- 10 VIVALDI TX2 Two-channel portable transmitter



A 230 V AC POWER 3 x 1.5



ENSOR 5 - Ø 45 MOTOR WITH ELECTRONIC LIMIT SWITCH VIA CABLE



- 1 ENSOR 5 motor
- 2 Motor brace
- 3 Crown (adaptor)
- 4 Wheel (adaptor)
- 5 Winder tube
- 6 Telescopic or standard cap
- 7 Brace and bearing for cap
- 8 Single baffle for both awnings

A 230 V AC POWER 3 x 1.5

ATTENTION

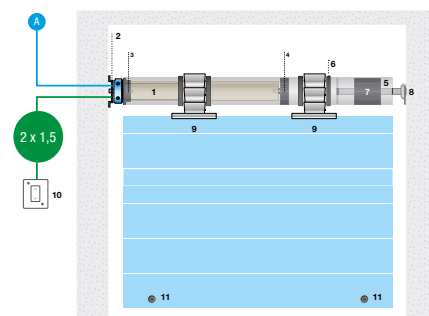
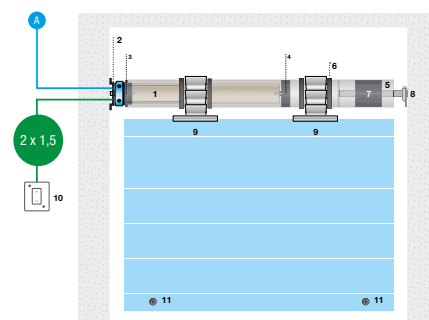
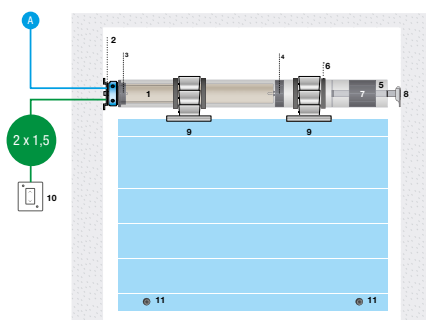
For electrical connections see the installation manual.

MOTOR WITH ELECTRONIC LIMIT SWITCH

KLIMT SH5 - Ø 45 MOTOR WITH ELECTRONIC LIMIT SWITCH WITH BUILT-IN RECEIVER

- 1 KLIMT SH5 motor
- 2 Motor brace
- 3 Crown (adaptor)
- 4 Wheel (adaptor)
- 5 Winder tube
- 6 Ring (optional)
- 7 Telescopic or standard cap
- 8 Brace and bearing for cap
- 9 Burglar proof spring (optional)
- 10 Cabled button. Either spot or cabled control
- 11 End caps
- 12 WAGNER 5 remote control

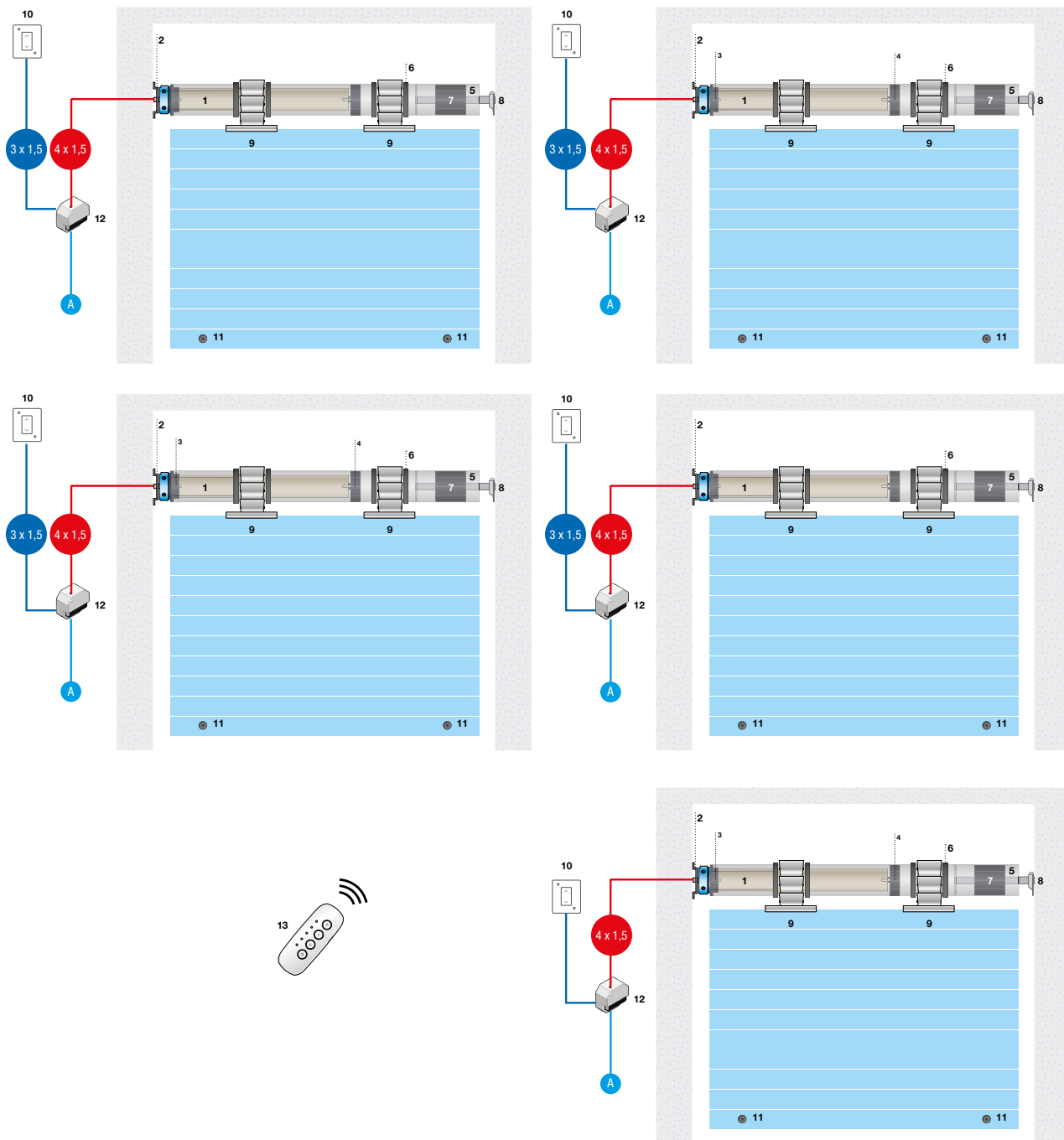
A 230 V AC POWER 3 x 1.5



ATTENTION

For electrical connections see the installation manual.

ENSOR SH5 - Ø 45 MOTOR WITH ELECTRONIC LIMIT SWITCH VIA CABLE

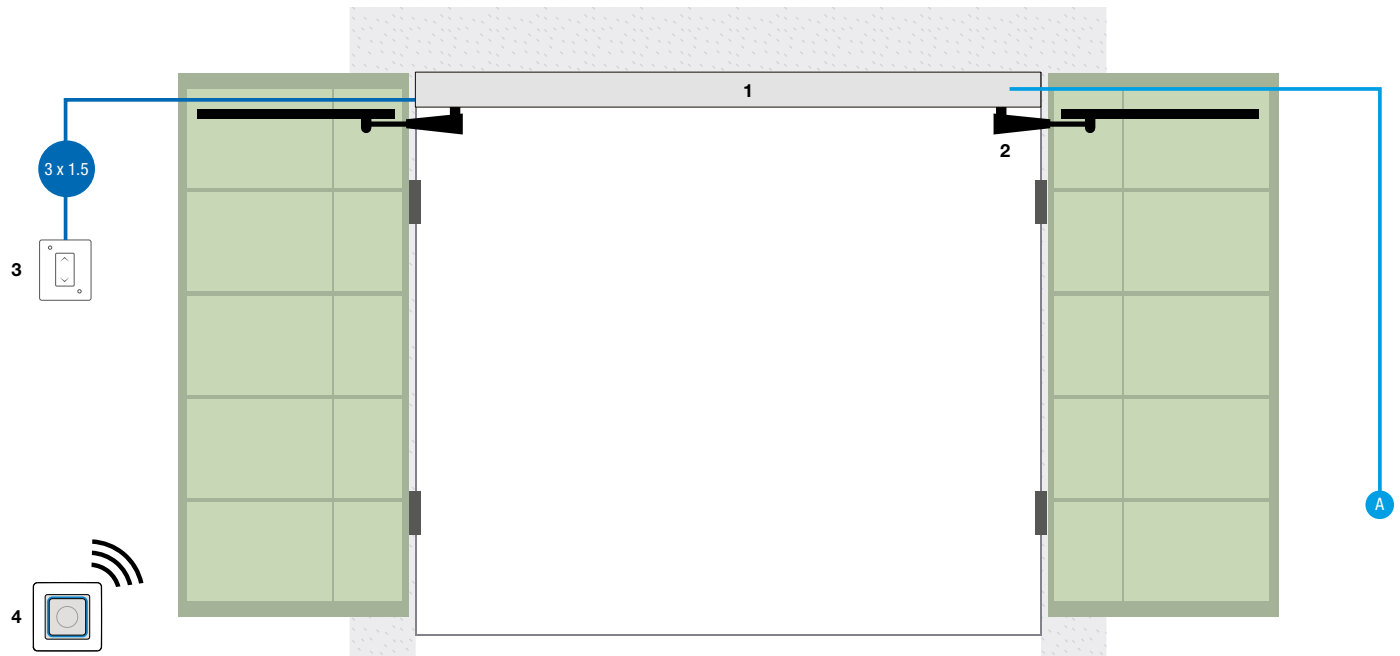


- 1 ENSOR SH5 motor
- 2 Motor brace
- 3 Crown (adaptor)
- 4 Wheel (adaptor)
- 5 Winder tube
- 6 Ring (optional)
- 7 Telescopic or standard cap
- 8 Brace and bearing for cap
- 9 Burglar proof spring (optional)
- 10 Double button
- 11 End caps
- 12 RKLТ-W50 Recessed receiver
- 13 WAGNER 5 Five-channel transmitter

A 230 V AC POWER 3 x 1.5

ATTENTION
For electrical connections see the installation manual.

VOILÀ - SYSTEM FOR BLINDS EXTERNAL ACTUATOR FOR SHUTTERS



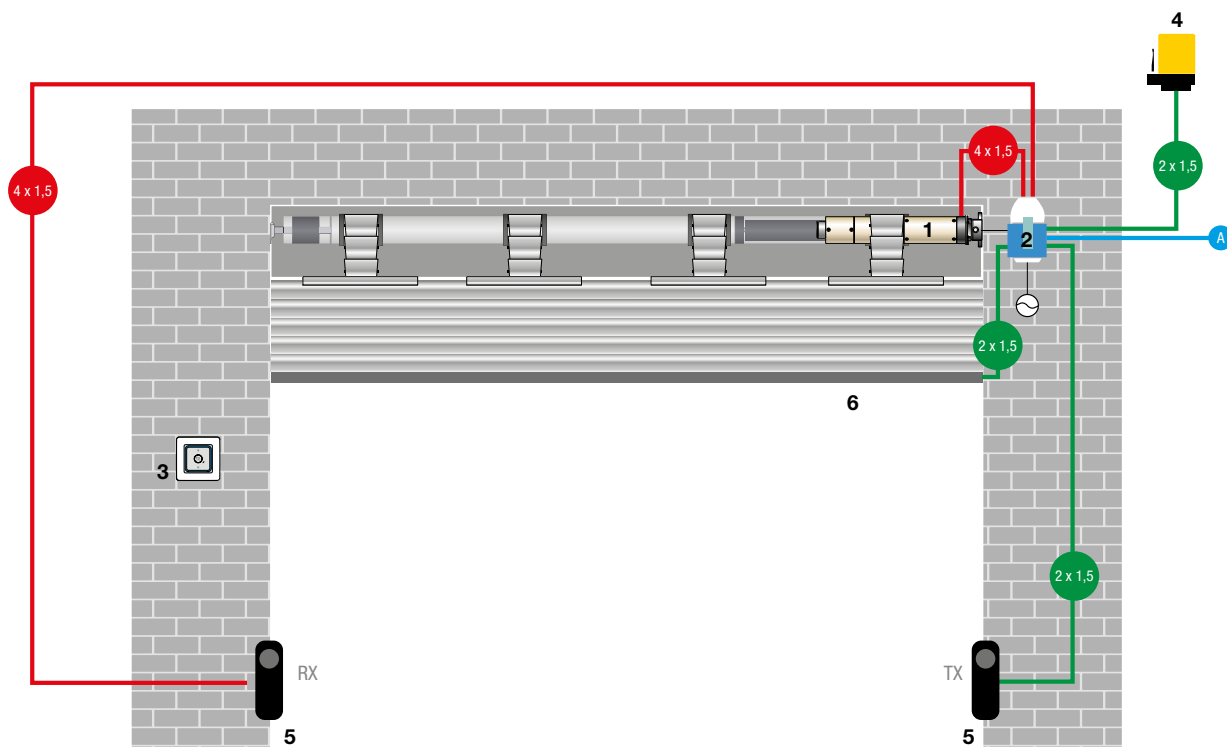
- 1 VOILÀ motor
- 2 Curved arms for rigid-panel shutters
- 3 Double button
- 4 VIVALDI MONOTOUCH remote control

A 230 V AC POWER 3 x 1.5

ATTENTION
For electrical connections see the installation manual.

SHUTTER OPERATOR

MONDRIAN M9 - Ø 92 WINDING SHUTTER WITH MARTINI CONTROL PANEL



- 1 MONDRIAN M9 Motor
- 2 MARTINI control unit with built-in receiver
- 3 VIVALDI MONOTOUCH remote control
- 4 DADOO Flashing light
- 5 DIR safety photocells
- 6 DF sensitive safety-edge

ANALYTICAL INDEX

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001UV03	97	001Y6120A101MOMR	76
001UV04	97	001Y6120A101MOR	74
001UV05	97	001Y9230A121MOM	84
001UV06	97	001Y9300A091MOM	84
001UY0045	73	001YE0005	89
001VLR01DX	96	001YE0006	89
001VLR01SX	96	001YE0032	89
001VLR02	96	001YE0034	89
001VLR04	97	001YE0043	89
001VLR05	97	001YE0101	91
001VLR07DX	97	001YE0102	91
001VLR07SX	97	001YE0104	91
001VLR08DX	97	001YE0115	91
001VLR08SX	97	001YE0116	91
001VLR09DX	97	001YE0119	92
001VLR09SX	97	001YE0124	71
001VLR10DX	97	001YE0136	92
001VLR10SX	97	001YE0140	91
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001Y4006A283MO	44	001YE0144	90
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001Y4010A171MO	44	001YE0146	90
001Y4010A171MOR	45	001YE0147	90
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001Y5010A151MA	54	001YE0149	90
001Y5010A151MO	52	001YE0150	90
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001Y5010A263MO	52	001YE0163	92
001Y5010A263MOR	53	001YE0164	92
001Y5020A151EN	56	001YE0166	90
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001Y5020A151KLS	68	001YE0169	92
001Y5020A151MA	54	001YK3101	41
001Y5020A151MO	52	001YK3102	41
001Y5020A151MOM	57	001YK3103	41
001Y5020A151MOMR	58	001YK4101	48
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001Y5030A151MOMR	58	001YK4106	47
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001Y5050A121MOM	57	001YK5103	61
001Y5050A121MOMR	58	001YK5104	59
001Y5050A121MOR	53	001YK5104S	70
001Y6080A121KL	77	001YK5105	59
001Y6080A121MO	72	001YK5105S	70
001Y6080A121MOM	75	001YK5106	61
001Y6080A121MOMR	76	001YK5107	59
001Y6080A121MOR	74	001YK5108	59
001Y6100A101MOMR	76	001YK5110	59
001Y6100A121KL	77	001YK5111	61
001Y6100A121MO	72	001YK5112	59
001Y6100A121MOM	75	001YK5112S	70
001Y6100A121MOR	74	001YK5115	61
001Y6120A101KL	77	001YK5115S	70

Code	Pg	Code	Pg
001YK5116	60	001YM0112	63
001YK5116S	70	001YM0113	63
001YK5120	60	001YM0114	63
001YK5123	60	001YM0115	63
001YK5127	60	001YM0116	63
001YK5128	60	001YM0117	81
001YK5129	60	001YM0118	81
001YK5131	60	001YM0119	81
001YK5132	60	001YM0120	81
001YK5133	61	001YM0121	81
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001YK5134S	70	001YM0123	71
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001YK5137	62	001YM0137	64
001YK5138	62	001YM0139	64
001YK5139	62	001YM0140	64
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001YK5141	61	001YM0146	64
001YK6101	78	001YM0152	64
001YK6103	80	001YM0154	88
001YK6105	78	001YM0155	71
001YK6106	78	001YM0158	64
001YK6107	79	001YM0159	64
001YK6108	80	001YM0163	64
001YK6109	79	809XC-0050	67
001YK6112	80	809XC-0070	67
001YK6113	79	809XG-0040	67
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001YM0002	81	809XG-0160	51
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001YM0031	81	809Y5-0131	50
001YM0032	88	809Y5-0141	50
001YM0038	65	809Y5-0151	50
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001YM0046	88		
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001YM0067	88		
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