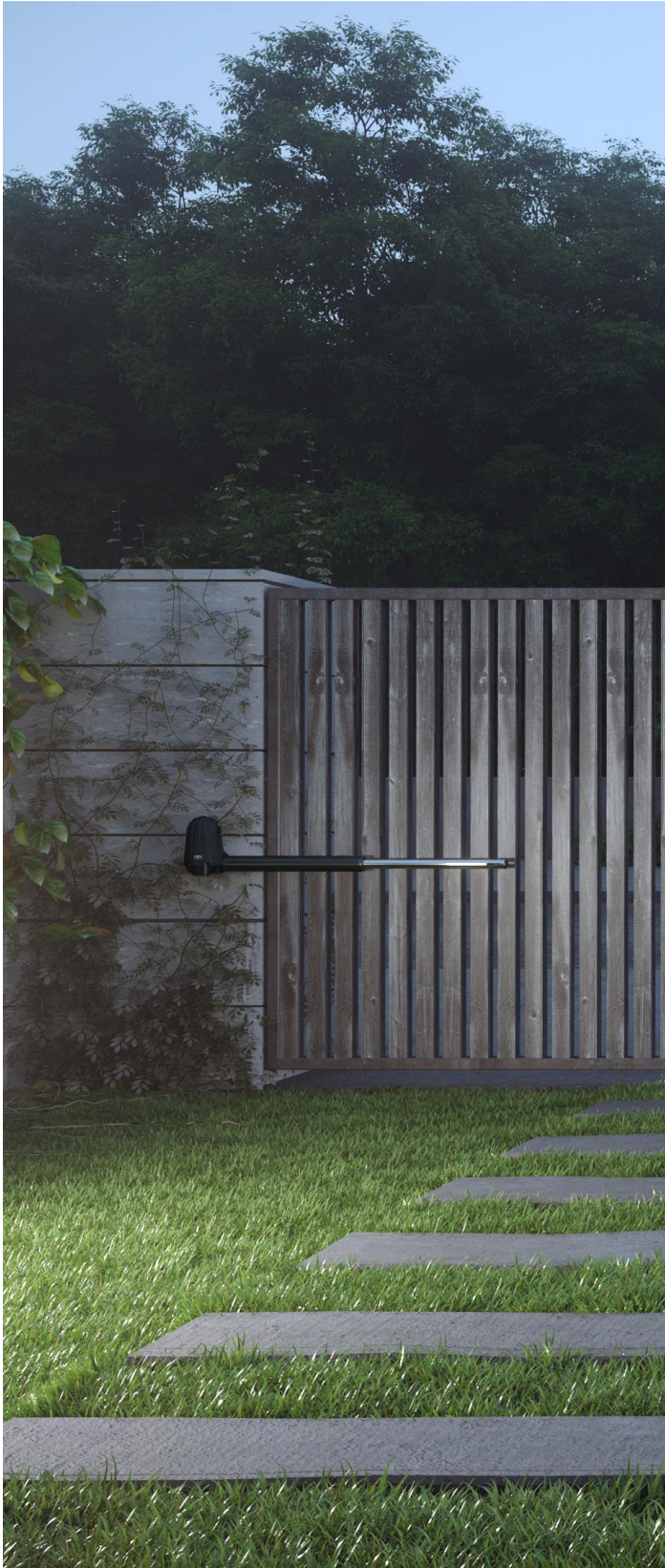


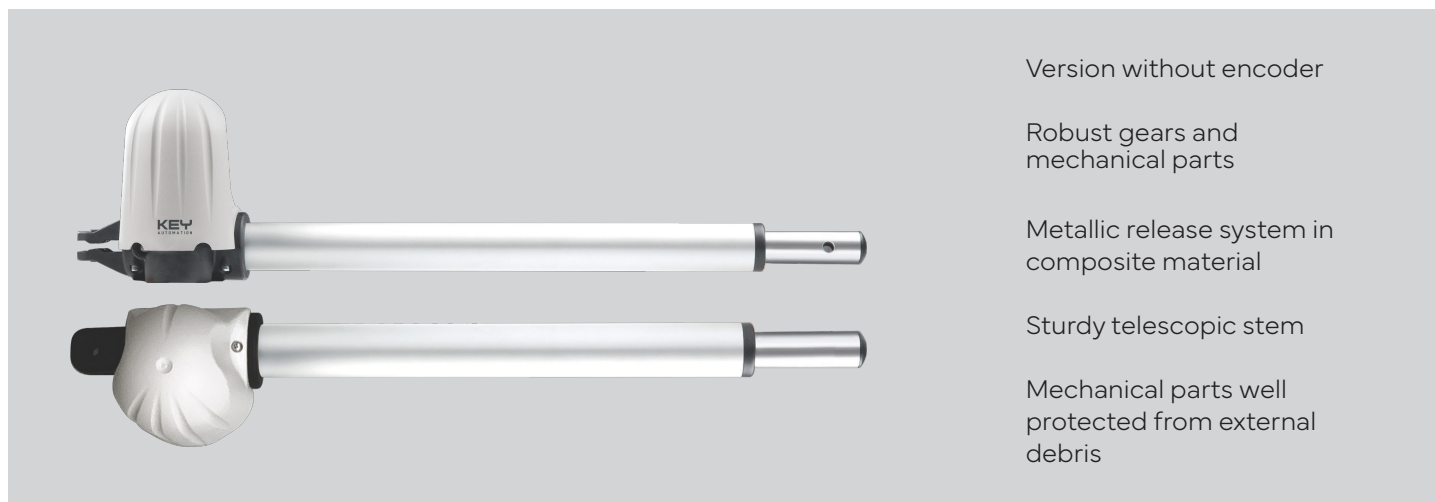
# STAR



**ELECTROMECHANICAL GEAR MOTOR  
FOR SWING GATES**







Version without encoder



Robust gears and mechanical parts

Metallic release system in composite material

Sturdy telescopic stem

Mechanical parts well protected from external debris



## MODELS

CODE	DESCRIPTION
  <b>STAR3024</b>	For swing gates with maximum length 3 m per leaf, pair of irreversible 24 Vdc motors, without encoder (2 pcs, left and right)

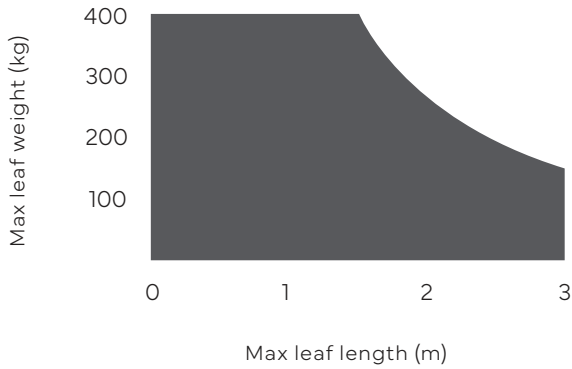


**Special order request.**  
**New black version of motor available, approximately 6-8 weeks lead time.**

## KITS

CODE	DESCRIPTION
  <b>KSTAR3024</b>	Kit for double swing gates with maximum length 3 m per leaf, pair of irreversible 24 Vdc motors, without encoder (2 pcs, left and right) with control board CT20324.

## LIMIT USE



Gate shape and height and weather conditions can considerably reduce the values shown above, in the graph.

## TECHNICAL DATA

### STAR3024

#### MECHANICAL DATA

speed	cm/s	2,5
pulling force	N	1400
cycles/hour		80
opening time at 90°	sec	18-25

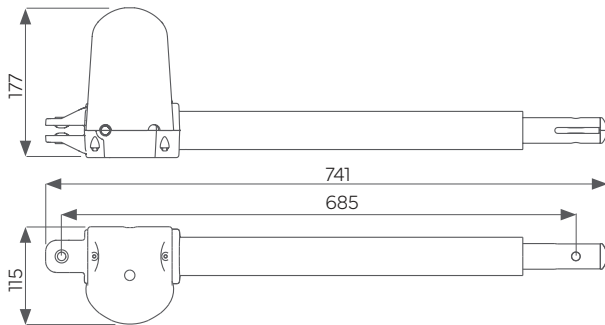
#### ELECTRICAL DATA

control board		CT20324
power	Vdc	24
consumption	A	3,5
absorbed power	W	85

#### GENERIC DATA

protection degree	IP	54
dimensions (L - D - H)	mm	741 - 115 - 177
weight	kg cad	9,24
working temperature	°C	-20 + 55
leaves maximum weight	Kg	400

## DIMENSIONS



## ACCESSORIES



**ELS-C12V**  
horizontal electric lock, upto 2000KG



**KBP** Kit of 1.3 Ah lead battery and battery charger



**KITFIXBATT** Fixing brackets for batteries 24 V



**KSOLAU** Solar kit, includes 30W panel, recharge unit in enclosure, mounting brackets and batteries



**SPLIT24V** Low Voltage box



**CT20324** Control unit 2 motors, 24 Vdc in box



**KUBE PRO** Wireless module for programming



**KUBE** Wireless controlling module for end user



**KPLAY4R** Kit with 2x 4-channel 433 MHz transmitters, rolling code



**SUB remotes** Water and dust resistant 433MHz transmitters, rolling code



**SEL-R** Wireless keypad transmitter, 433MHz



**EGKTR1** Wireless keypad transmitter, EGO series 433MHz



**TO1M** 1-channel touch transmitter, rolling code 433Mhz



**RXM23Y** 2-channel universal receiver, fix or rolling code



**ANTS-433** Blade antenna to 433 MHz with steel bracket and RG-58 cable, L. 5000 mm



**FT43** Pair of photocells for external use adjustable through 180



**FT43B** Pair of photocells for external use adjustable through 180, battery version



**FT33** Pair of photocells for external use, flush mounting



**RP25K** Reflective photocells



**EG50** Ego post for photocell housing, height 500 mm

# STAR 500



**ELECTROMECHANICAL GEAR MOTOR FOR SWING GATES WITH LEAVES  
UP TO 5 M, 24 VDC AND 230 VAC**



Double bearing on the main screw to grant robustness and movement fluidity

Opening mechanical stop to control your gate movement

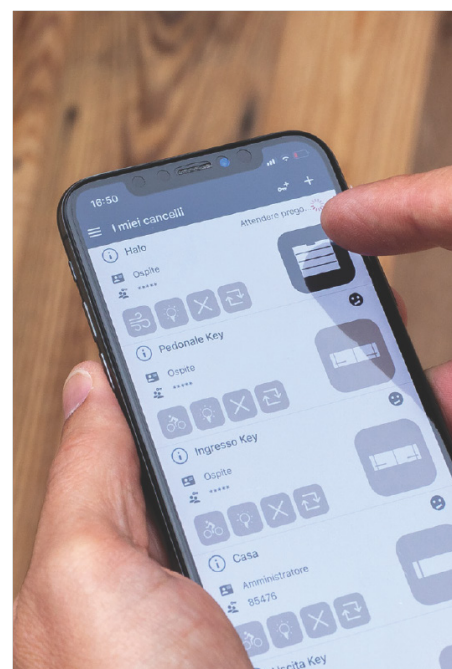
Mechanical parts well protected from weather conditions

Easy mechanical release

## NIGHT LIGHT SYSTEM

**Concept that combines the comfort of an automatic gate with the use of LED lighting to illuminate your entrance over night**



- + **SAFETY** Ease the night vision
- + **COMFORT** Defines the driveway passage during the night
- + **SAVING** Allows lower power consumption



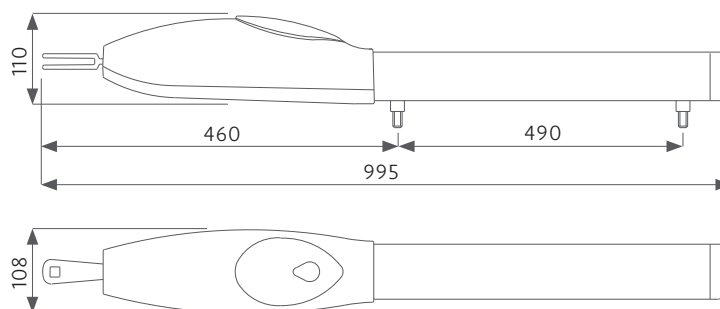
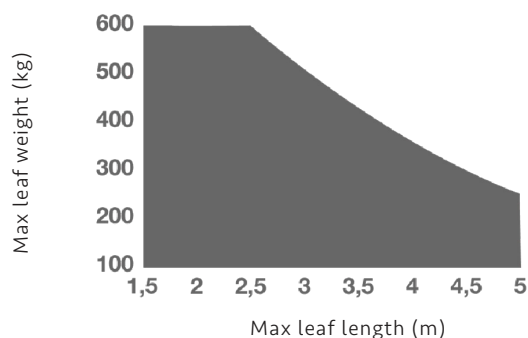
## TECHNICAL DATA

		PS400-24FA
<b>MECHANICAL DATA</b>		
speed	cm/s	2,7
pulling force	N	1400
working cycle	%	80
opening time at 90°	sec	25-35
<b>ELECTRICAL DATA</b>		
control board		14AB2
power	Vac	-
	Vdc	24
consumption	A	5
absorbed power	W	120
capacitor	µF	-
thermoprotection	°C	-
<b>GENERIC DATA</b>		
protection degree	IP	44
dimensions (L - P - H)	mm	995 - 108 - 110
weight	kg cad	8,8
working temperature	°C	-20 + 55
leaves maximum weight	Kg	600

## MODELS





CODE	DESCRIPTION
 <b>PS400-24FA</b> 	For swing gates with maximum length 5 m, 24 Vdc motor, with opening mechanical stop, with encoder

## LIMIT USE DIMENSIONS




























Gate shape and height and weather conditions can considerably reduce the values shown above, in the graph. 230 Vac motors are suggested for windy areas.

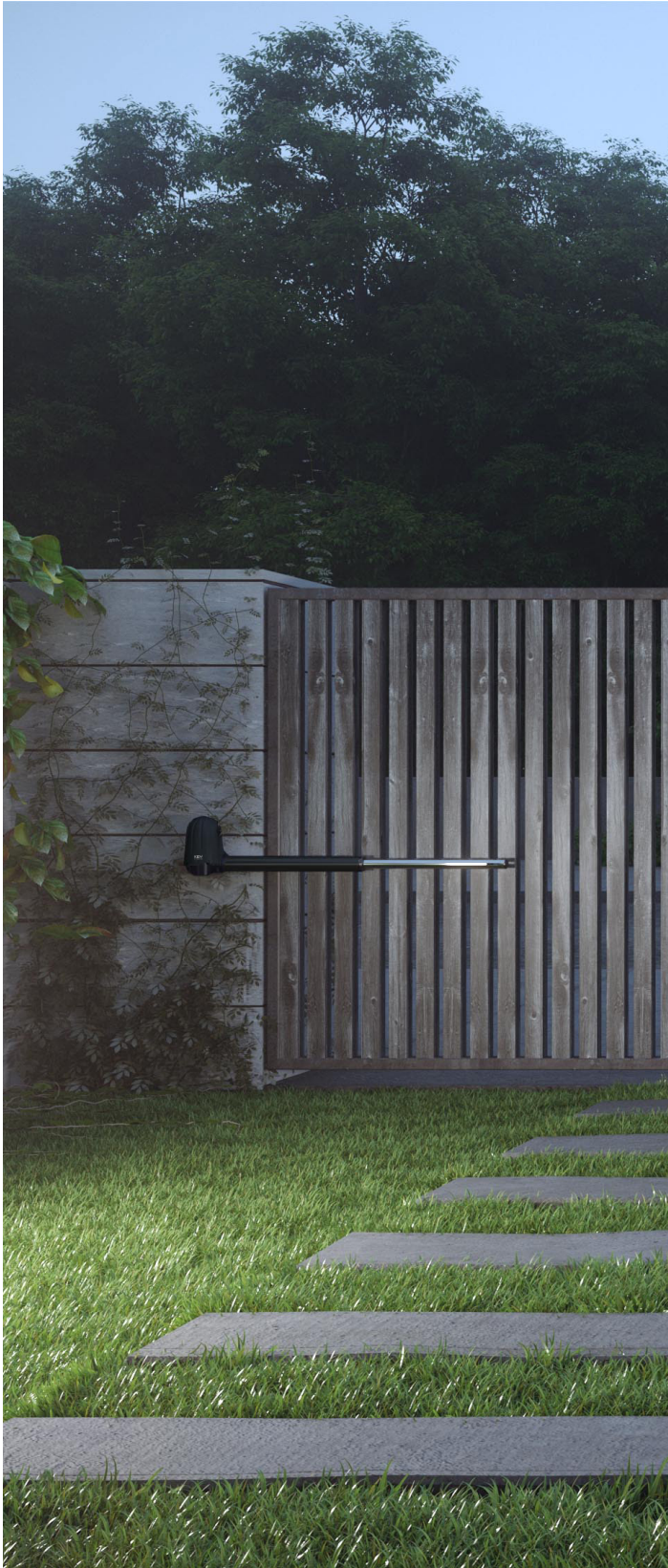
## KITS

CODE	DESCRIPTION
 <b>KSTAR5024</b> 	Kit for double swing gates with maximum length 5 m, 24 Vdc motor, with opening mechanical stop, with encoder. Control unit 14AB2
 <b>KSTAR5024S</b> 	Kit for single swing gates with maximum length 5 m, 24 Vdc motor, with opening mechanical stop, with encoder. Control unit 14ABS

## ACCESSORIES

 <b>ELS-C</b> Horizontal 12 V electrolock	 <b>FC-PS</b> Mechanical closing stop	 <b>STPOAVS</b> Rear welded bracket	 <b>STANAV</b> Front welded bracket	 <b>14AB2</b> Control unit in box for two 24 Vdc motors
 <b>SUB remotes</b> Water and dust resistant 433MHz transmitters, rolling code	 <b>DYL</b> Programming module Cable length 120 cm (only 14A board)	 <b>KUBE PRO</b> Wireless module for programming	 <b>KUBE</b> Wireless controlling module for end user	 <b>RX4K</b> 4-channel plug-in receiver, 433MHz, for CT202 control unit
 <b>KPLAY4R</b> Kit with 2x 4-channel 433 MHz transmitters, rolling code	 <b>FT43</b> Pair of photocells for external use adjustable through 180	 <b>FT43B</b> Pair of photocells for external use adjustable through 180, battery version	 <b>FT33</b> Pair of photocells for external use, flush mounting	 <b>RP25K</b> Reflective photocells
 <b>ECLIPSE</b> Led flashing with courtesy light, crepuscular sensor and built-in antenna	 <b>SEL-R</b> Wireless keypad transmitter, 433MHz	 <b>EGKTR1</b> Wireless keypad transmitter, EGO series 433MHz	 <b>TO1M</b> 1-channel touch transmitter, rolling code 433Mhz	 <b>RXM23Y</b> 2-channel universal receiver, fix or rolling code
 <b>KBP</b> Kit of 1.3 Ah lead battery and battery charger	 <b>KSOLAU</b> Solar kit, includes 30W panel, recharge unit in enclosure, mounting brackets and batteries	 <b>SPLIT24V</b> Low Voltage box	 <b>EG100LA</b> 100cm post with LED and houses accessories	 <b>STIKDD</b> Outdoor lighting range, downward facing





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