

# KIT PRODUCT TECHNICAL DATASHEET

# KIT AY/255

New 

Brushless 

Intensive use 

High Speed 

Digital Encoder 



## Composition KIT AY/255

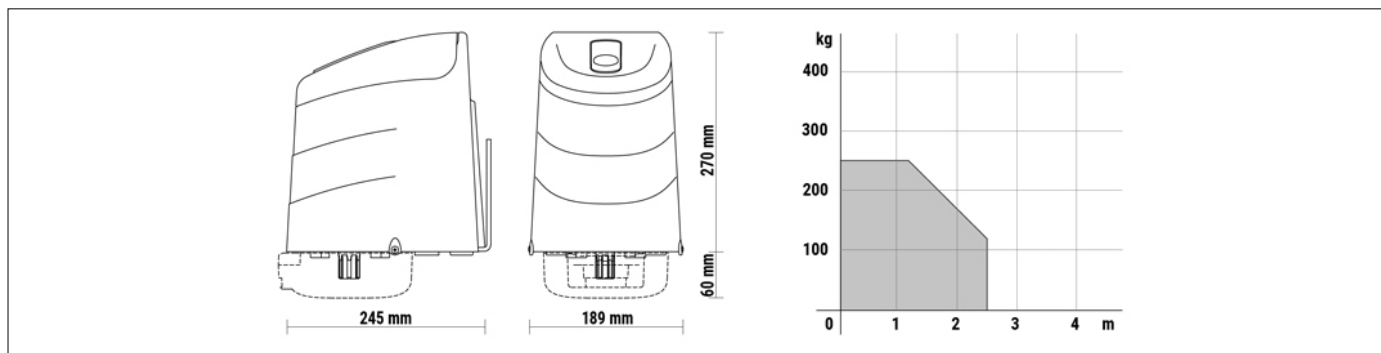
CODE	DESCRIPTION	QTY
<b>AY/250/M (MASTER)</b>	Electromechanical articulated motor HIGH SPEED BRUSHLESS, low voltage, super intensive use, with native encoder onboard, irreversible, ideal for swing gates with leaf up to 2.5 meters of length, with mechanical stopper in opening and closing. With digital controller, without articulated arms.	1
<b>AY/250/S (SLAVE)</b>	Electromechanical articulated motor HIGH SPEED BRUSHLESS, low voltage, super intensive use, with native encoder onboard, irreversible, ideal for swing gates with leaf up to 2.5 meters of length, with mechanical stopper in opening and closing. Without digital controller, without articulated arms.	1
<b>LT336</b>	Arms short for articulated AYRON series.	2
<b>H93/RX20/I</b>	Plug-in receiver 2 channels 433,92 Mhz (50 storable codes) for control unit series H70, B70, EDGE and CTRL.	1
<b>SYNUS/2</b>	Dual code transmitter (modality fixed code or rolling code), 433,92 Mhz. 2 channels, with radio for copy.	2
<b>R90/F4ES</b>	Pair of external photocells synchronized 24V AC/DC (max. 4 pairs).	1
<b>FIFTHY/24</b>	LED flashing light series FIFTHY 24V with integrated antenna.	1
<b>R99/C/001</b>	Signboard "Automatic Opening".	1

## PRODUCT TECHNICAL SPECIFICATIONS

Power line supply	230V AC - 50Hz
Motor power supply	24V
Power rating	150W
Frequency of use	Intensive use

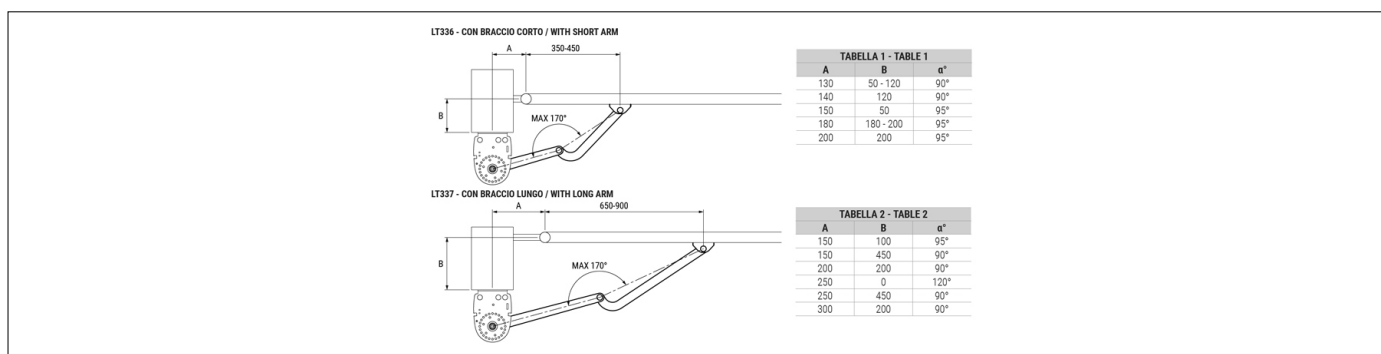
Torque	50 - 200 N m
Operating temperature	-20+55° C
Protection level	IP44
Reductor Type	Irreversible
Manoeuvre speed	4 - 1,5 Rpm
Opening time	10-18 s
Limit switch	Mechanical stopper in opening and closing
Onboard control unit	B70/2ML (AY/250/M)
Encoder	Digital native encoder SENSORLESS 48 PPR
Release system	Internal lever or external lever with cord (optional)
Batteries recovery	2 internal batteries 12V DC 1.2 Amp/h (inside AY/250/S)
Operating cycles per day (opening/closing - 24 hours no stop)	800
Maximum dimension product in mm (L x W x H)	245 x 189 x 270+60
Product weight packed (Kg)	28,7
Number items per pallet	16

# PRODUCT DIMENSIONS AND PREPARING FOR INSTALLATION



DIMENSIONS

## PRODUCT PREPARING FOR INSTALLATION



PREDISPOSITION FOR STANDARD INSTALLATION

## PRODUCT ACCESSORIES

<p><b>B71/BC</b> Batteries charger for Brushless digital controller B70/1DC.</p>	<p><b>BT12V12</b> Battery 12V 1.2 Ah (1 pc).</p>	<p><b>B71/PBX24/BOX</b> Hybrid inverter, "Network Assisted" version, for powering the automation. Also provides a battery-charger function thanks to the connection to the solar panels or mains supply for powering the 24V DC brushless digital controllers with a mains voltage of 230V AC.</p>	<p><b>B71/PBX24/BOX/115</b> Hybrid inverter, "Network Assisted" version, for powering the automation. Also provides a battery-charger function thanks to the connection to the solar panels or mains supply for powering the 24V DC brushless digital controllers with a mains voltage of 115V AC.</p>	<p><b>B71/PBX/BOX</b> Hybrid inverter, "Full Solar" version, for powering the automation. Also provides a battery-charger function thanks to the connection to the solar panels for powering the brushless digital controllers.</p>	<p><b>LT337</b> Arms long for articulated AYRON series.</p>
<p><b>KT249</b> Column mounting plate for AYRON series.</p>	<p><b>KT218</b> Gate pull bracket for series articulated.</p>	<p><b>RL673</b> External manual release kit without handle AYRON series.</p>			