Brushless

Intensive use

High Speed

Digital Encoder

KIT PRODUCT TECHNICAL DATASHEET
KIT AY/255



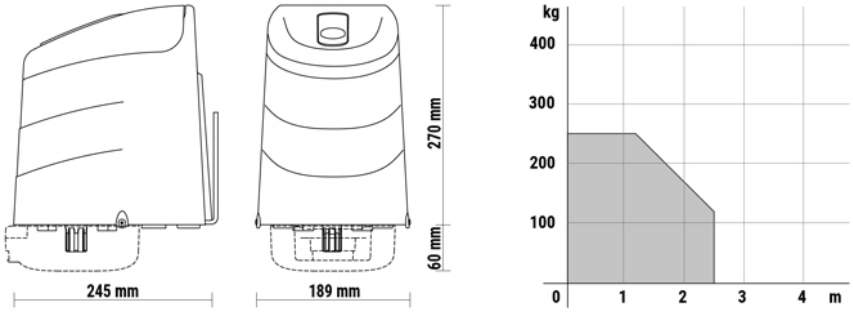
Composition KIT AY/255

CODE	DESCRIPTION	QTY
AY/250/M (MASTER)	Electromechanical articulated motor HIGH SPEED BRUSHLESS, low voltage, super intensive use, with native encoder on-board, irreversible, ideal for swing gates with leaf up to 2.5 m with mechanical stopper in opening and closing. With digital controller and without articulated arms. Complete with fixing plates.	1
AY/250/S (SLAVE)	Electromechanical articulated motor HIGH SPEED BRUSHLESS, low voltage, super intensive use, with native encoder on-board, irreversible, ideal for swing gates with leaf up to 2.5 m with mechanical stopper in opening and closing. Without digital controller and without articulated arms. Complete with fixing plates.	1
LT336	Arms short for articulated AYRON series.	2
H93/RX20/I	Plug-in receiver fixed code 2 channels 433,92 MHz (50 storable codes) for control units series H70, B70, EDGE, CTRL and F70.	1
SYNUS/2	Dual code transmitter (modality fixed code or rolling code), 433,92 MHz, 2 channels, with copy function.	2
R90/F4ES	Pair of external photocells synchronized 24V AC/DC, up to a maximum of 4 pairs of photocells.	1
FIFTHY/24	LED flashing light 24V with integrated antenna.	1
R99/C/001	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/box	16

PRODUCT DIMENSIONS AND PREPARING FOR INSTALLATION



DIMENSIONS

PRODUCT PREPARING FOR INSTALLATION

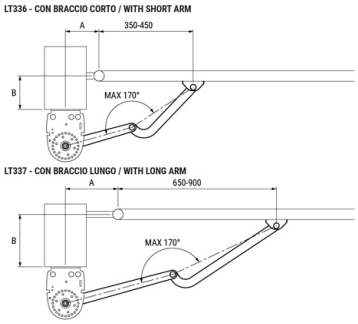


TABELLA 1 - TABLE 1		
A	B	α°
130	50 - 120	90°
140	120	90°
150	50	95°
180	180 - 200	95°
200	200	95°

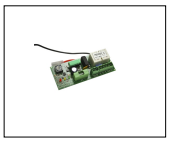
TABELLA 2 - TABLE 2		
A	B	α°
150	100	95°
150	450	90°
200	200	90°
250	0	120°
250	450	90°
300	200	90°

PREDISPOSITION FOR STANDARD INSTALLATION

PRODUCT ACCESSORIES



LT337
Arms long for articulated AYRON series.



B71/BC
Batteries charger for Brushless digital controller B70/1DC - B70/1T.



BT12V12
Battery 12V 1.2 Ah (1 pc).



RL673
Kit for external release with existing handle for AYRON series.