

KIT PRODUCT TECHNICAL DATASHEET

SET BR21/353

Brushless 

Intensive use 

Digital Encoder 



Composition SET BR21/353

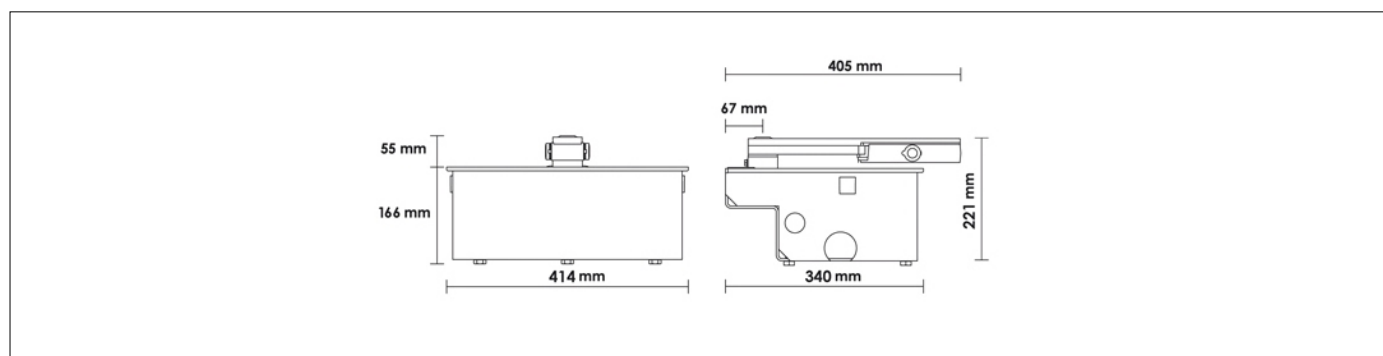
CODE	DESCRIPTION	QTY
BR21/351	Electromechanical underground motor BRUSHLESS low voltage, super intensive use, with native encoder on-board, irreversible, ideal for swing gates with leaf up to 4.5 m. Standard version with short 2 m cable.	2
FU100	Foundation box and lid in cold-galvanised steel.	2
RL650	Release system for underground motor with standard lever.	2
KIT EDGE1/20	Complete electronic kit with 36V EDGE1/BOX digital controller for 2 BRUSHLESS motors. With 2-channel radio receiver installed on board.	1
	Composition KIT EDGE1/20	
	EDGE1/BOX Digital control 36V for 2 BRUSHLESS motor, in plastic box. With 2-channel radio receiver installed on board.	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 - 50 Hz
Motor power supply	36V
Power rating	200W
Frequency of use	Intensive use
Torque	50 - 300N m
Operating temperature	-20+55°C

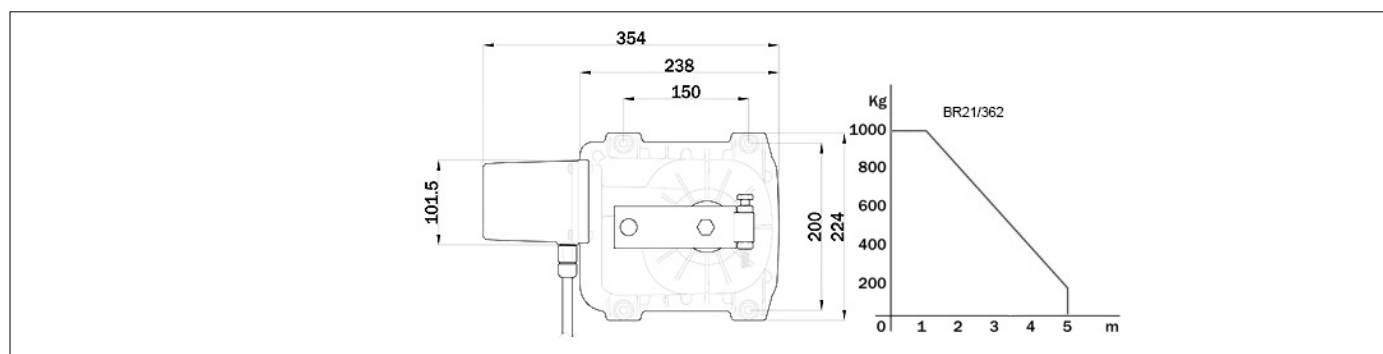
Protection level	IP67
Reductor Type	Irreversible
Manoeuvre speed	1,2 Rpm
Opening time	19-29 s
Limit switch	Mechanical stoppers
Recommended digital controllers	-
Encoder	Digital native encoder SENSORLESS 48 PPR
Maximum opening	105° (optional 125° - 360°)
Power supply cable length	2m
Bearing on main shaft	Standard
Operating cycles per day (opening/closing - 24 hours no stop)	1300
Maximum dimension product in mm (L x W x H)	345 x 224 x 144
Product weight packed (Kg)	68,6

PRODUCT DIMENSIONS AND PREPARING FOR INSTALLATION



DIMENSIONS

PRODUCT PREPARING FOR INSTALLATION



PREDISPOSITION FOR STANDARD INSTALLATION

PRODUCT ACCESSORIES

LT300 Levers group for opening up to 125°.	LT301 Levers group for opening up to 360°.	LT301/R Levers group for opening up to 360°, with reinforced chain.	LT300/90SX Levers group for opening up to 103° - 90° turned - left.	LT300/90DX Levers group for opening up to 103° - 90° turned - right.	LT327/SC Pinion gear ¾ Z13 of adaptation in pinion combining ¾ Z16.
RL650/R Release system for underground motor with standard lever, reinforced steel version.	RL651 Release system for underground motor with european cylinder key (DIN).	RL663 Long release lever for underground motor.			