Brushless

Intensive use

Digital Encoder

PRODUCT TECHNICAL DATASHEET
BR21/351

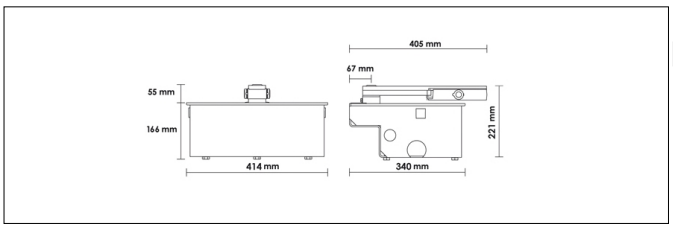


CODE	DESCRIPTION	PCS/PALLET
BR21/351	Electromechanical underground motor, BRUSHLESS, low voltage, super intensive use, with native encoder onboard, irreversible, ideal for swing gates with leaf up to 4,5 m. Standard version with 2 m cable.	50

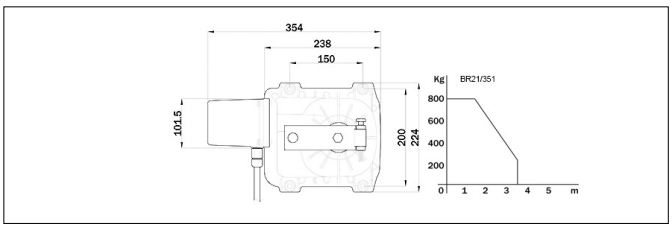
PRODUCT TECHNICAL SPECIFICATIONS	
Power line supply	230V AC - 50Hz
Motor power supply	24V - 36V
Power rating	200W
Frequency of use	Intensive use
Torque	50 - 300 N m
Operating temperature	-20+55°C
Protection level	IP67
Reductor Type	Irreversible
Manoeuvre speed	1,2 Rpm
Opening time at 90°	19-29 s
Limit switch	Mechanical stoppers
Recommended digital controllers	230V: EDGE1/BOX - 115V: EDGE1/BOX/115
Encoder	Digital native encoder SENSORLESS 48 PPR
Maximun 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)	12,8
Number items per pallet	50

PRODUCT DIMENSIONS AND PREPARING FOR INSTALLATION

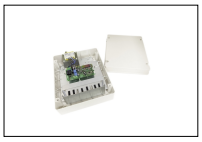


DIMENSIONS

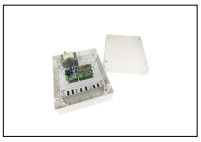


PREDISPOSITION FOR STANDARD INSTALLATION

PRODUCT ACCESSORIES



B71/PBX36/BOX
Battery chargers with solar panels for powering Brushless digital controllers at 36V DC in network mode.



B71/PBX36/BOX/115
Battery chargers with solar panels for powering Brushless digital controllers at 36V DC in network mode.



B71/PBX/BOX
Battery chargers with solar panels for powering Brushless digital controllers in FULL SOLAR mode.



FU100
Cold galvanised foudation box and lid.



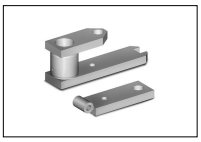
FU101
Hot galvanised foundation box and lid.



FU102
Hot galvanised foundation box and inox lid.



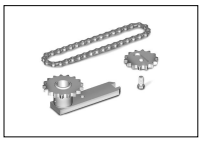
FU103
Inox AISI 304 foundation box and lid.



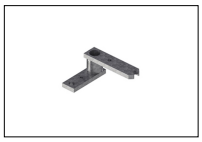
LT300
Levers for opening up to 125°.



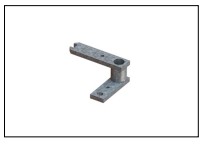
LT301
Levers for opening up to 360°.



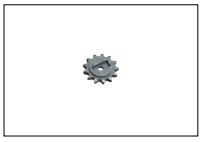
LT301/R
Levers for opening up to 360° , with reinforced chain.



LT300/90SX
Levers for opening up to 103° - 90° turned - left.



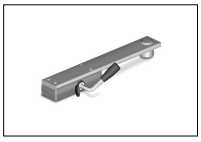
LT300/90DX
Levers for opening up to 103° - 90° turned - right.



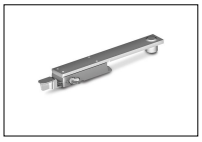
LT327/SC
Pinion gear ¾ Z13 of adaptation in pinion combining ¾ Z16.



RL650
Release system with standard lever.



RL650/R
Release system with standard lever,reinforced steel version.



RL651
Release system with european cylinder key.



RL663
Long release lever for underground.



R99/C/001AL
Signboard "Automatic Opening" Aluminium version



R99/C/001
Signboard "Automatic Opening".