Brushless

Intensive use

Digital Encoder

PRODUCT TECHNICAL DATASHEET
BR21/351

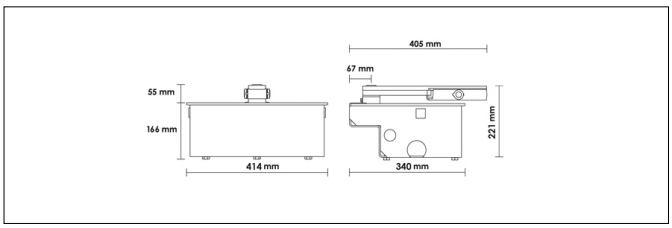


CODE	DESCRIPTION	PCS/PALLET
BR21/351	Electromechanical underground motor BRUSHLESS low voltage, super intensive use, with native encoder on-board, irreversible, ideal for swing gates with leaf up to 4.5 m. Standard version with short 2 m cable.	50

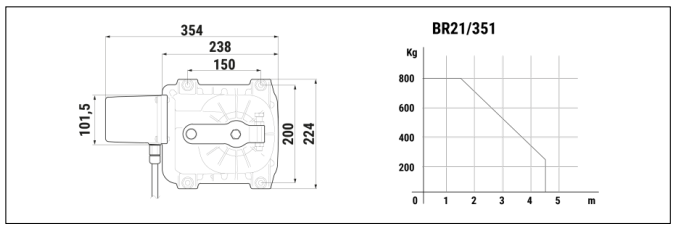
PRODUCT TECHNICAL SPECIFICATIONS	
Power line supply	230V AC - 50Hz
Motor power supply	36V
Power rating	200W
Frequency of use	Intensive use
Torque	50 - 300 N m
Operating temperature	-20+55°C
Protection level	IP67
Reductor Type	Irreversible
Manoeuvre speed	1,2 Rpm
Opening time	19-29 s
Limit switch	Mechanical 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)	12,6
Number items per pallet/box	50

PRODUCT DIMENSIONS AND PREPARING FOR INSTALLATION



DIMENSIONS



PREDISPOSITION FOR STANDARD INSTALLATION

PRODUCT ACCESSORIES



FU100
Foundation box and lid in cold-galvanised steel.



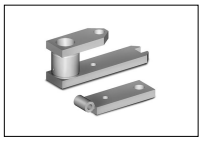
FU101
Foundation box and lid in hot-galvanised steel.



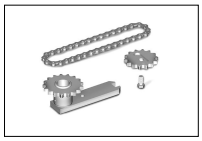
FU102
Foundation box in hot-galvanised steel and lid in AISI 304 stainless steel.



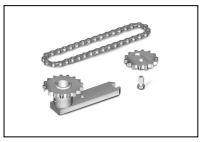
FU103
Foundation box and lid in AISI 304 stainless steel.



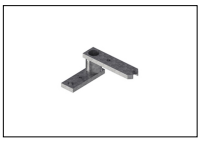
LT300
Levers group for opening up to 125°.



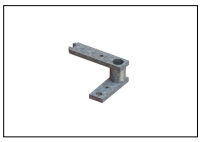
LT301
Levers group for opening up to 360°.



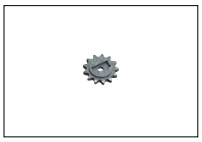
LT301/R
Levers group for opening up to 360°, with reinforced chain.



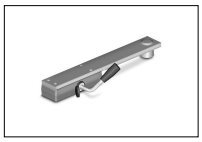
LT300/90SX
Levers group for opening up to 103° - 90° turned - left.



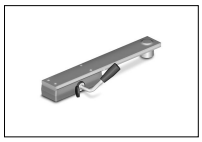
LT300/90DX
Levers group for opening up to 103° - 90° turned - right.



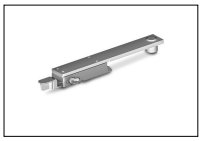
LT327/SC
Pinion gear ¾ Z13 of adaptation in pinion combining ¾ Z16.



RL650
Release system for underground motor with standard lever.



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.