

PRODUCT TECHNICAL DATASHEET

BR21/351/HS

Brushless 

Intensive use 

High Speed 

Digital Encoder 



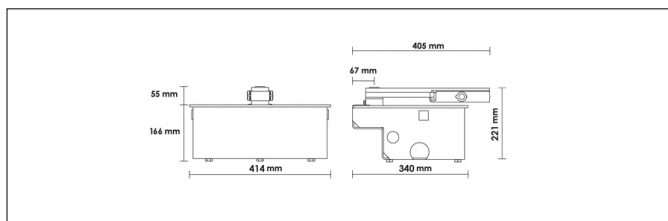
CODE	DESCRIPTION	PCS/PALLET
BR21/351/HS	Electromechanical underground motor HIGH SPEED BRUSHLESS low voltage, super intensive use, with native encoder on-board, irreversible, ideal for swing gates with leaf up to 3 m. Standard version with short 2 m cable.	50

PRODUCT TECHNICAL SPECIFICATIONS	
Power line supply	230V AC - 50Hz
Motor power supply	36V
Power rating	200W
Frequency of use	Intensive use
Torque	50 - 200 N m
Operating temperature	-20+55°C
Protection level	IP67
Reductor Type	Irreversible
Manoeuvre speed	2 Rpm
Opening time	10-25 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

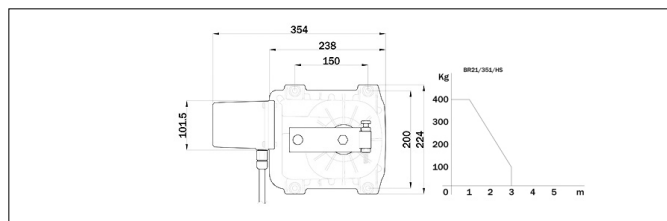
Product weight packed (Kg)	12,8
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Number items per pallet/box	50
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PRODUCT DIMENSIONS AND PREPARING FOR INSTALLATION



DIMENSIONS



PREDISPOSITION FOR STANDARD INSTALLATION

PRODUCT ACCESSORIES



FU100
Foundation box and lid in cold-galvanised steel.



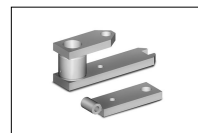
FU101
Foundation box and lid in hot-galvanised steel.



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 $\frac{3}{4}$ Z13 of adaptation in pinion combining $\frac{3}{4}$ 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.