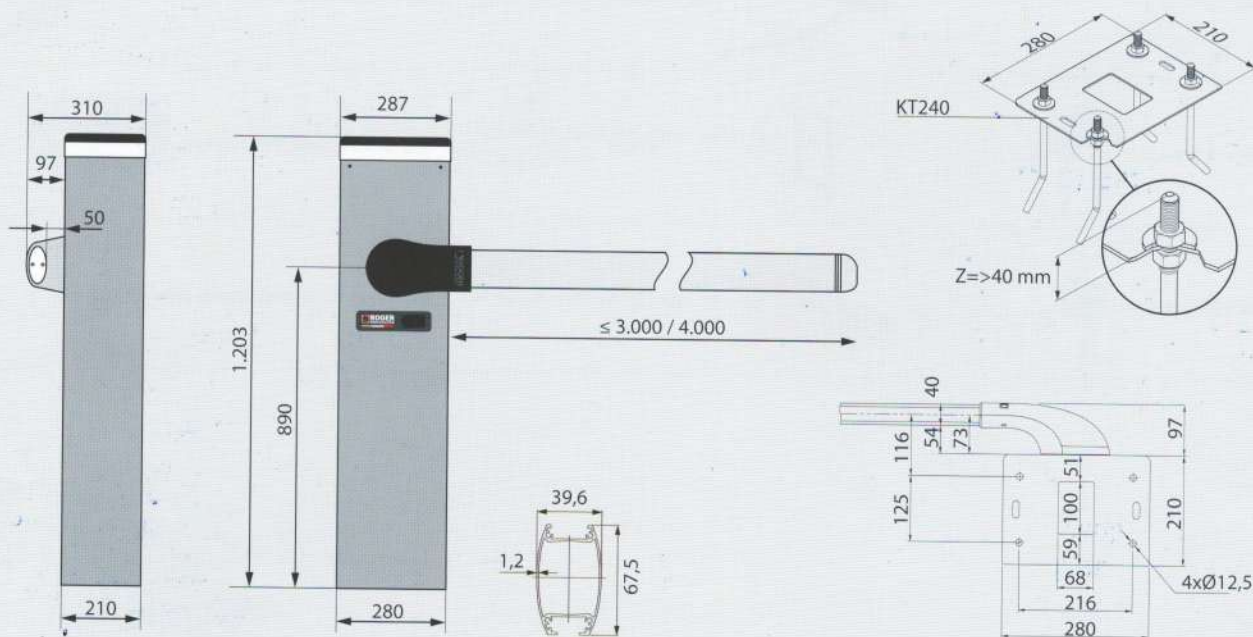


Technical SPECIFICATIONS

	BI/004
Code Description	BRUSHLESS 36V DC Barrier
Asta	up to 4 m
Line power supply	230V AC - 115V AC 50/60Hz $\pm 10\%$
Brushless motor power supply	36V
Max power	220W
Frequency of use	Continuous
Operating temperature	-20 $\pm$ 55°C
Degree of protection	IP54
Open time 90° (with boom up to 3 m)	From 2 to 6 s
Open time 90° (with boom up to 4 m)	From 3 to 6 s
Encoder	Absolute digital encoder
Typology encoder	Digital SENSORED
Onboard control unit	AG/CTRL (since firmware version r3.25)
Daily operation cycles (open / close - 24 hours non-stop)	5000
Packaged product weight	47 kg
Dimensions	287 x 310 x 1.203 (L x P x H)
Release	Handle with a twin-acting elliptical lever and key with a STANDARD cylinder
Number of packages per pallet	8

DIMENSIONS



FUNCTIONS

of the BIONIK barrier

DESCRIPTION	BI/004
Onboard digital controller	AG/CTRL (since firmware version r3.25)
Radio receiver type	H93/RX22A/1 with fixed code connection H93/RX2RC/1 with rolling code connection
Motor power supply	36V DC
Motor management technology (ETC)	SENSED technology
Encoder type	Magnetic Digital SENSED, 4096 pulses per revolution
Mains power supply	230V 50/60 Hz
Battery operation	(optional) 2 internal batteries 12V DC 4,5 A/h
Energy consumption	Very low consumption
Number of motors	1
Power supply for accessories	24V DC
Flashing light barrier type (included)	24V DC LED
Flashing light boom type	24V DC LED - Strip led, lenght 4 m
Output for barrier opening indicator and automation	✓
System on warning light	
Output for courtesy light	40W
Timed and guaranteed automatic closing	✓
Gate edge safety management, 8.2KΩ or standard	✓
Limit switch type	Adjustable open and closed position Mechanical travel limits
Force adjustment in nominal movement	✓
Force adjustment in start-up and deceleration	✓
Obstacle detection (also in position recovery mode) - Motor reversal	✓
Opening and closing speed setting	✓
Deceleration during opening and closing	✓
Opening and closing approach distance setting	✓
Starting acceleration (soft-start) for opening And closing manoeuvres	✓
Safeguarded closure/opening function	✓
Stopping space and motor braking	✓
Partial opening control MASTER / SLAVE mode	✓
Human presence control	✓
Condominium function	✓
Safety device configuration	✓
Installation test function	(prog button)
Operating temperature	-20°C/+55°C
Inverter thermal protection	✓
Magnetic electro-lock management	(optional) ✓
Detector loop management	(optional) ✓
Clock function (included)	✓
Parking access mode function (included)	✓
External status type output setting	(optional) ✓
Restore factory default values	✓
Information on use of motor	✓
Security password management	✓

