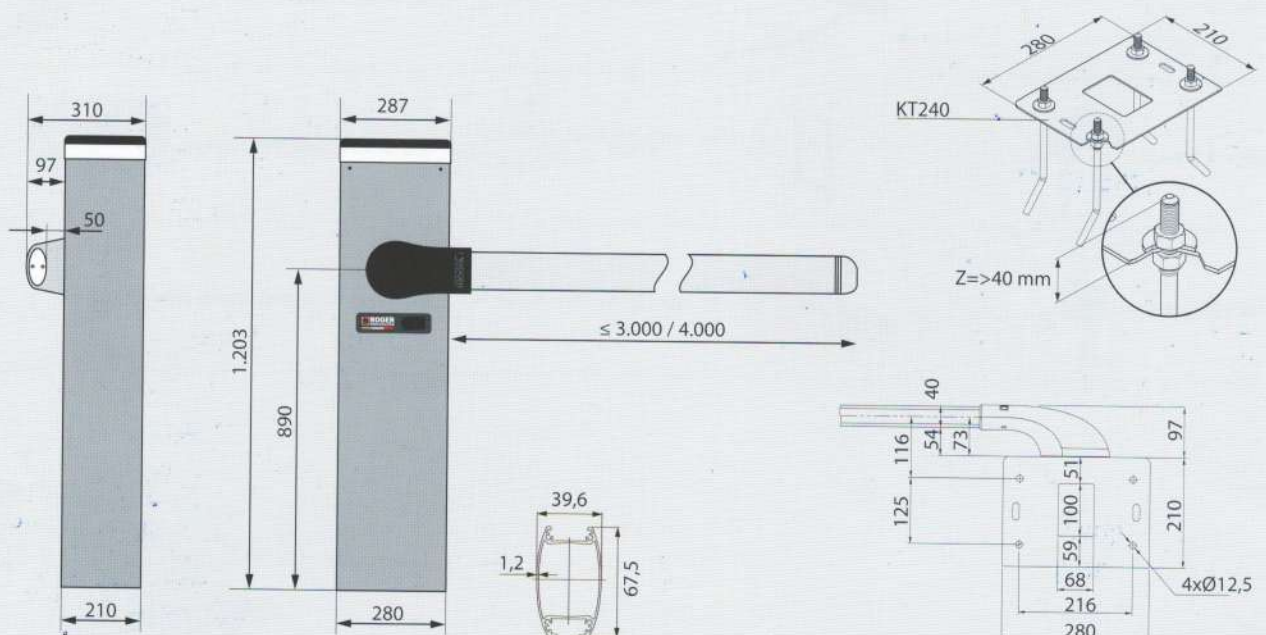


# Technical SPECIFICATIONS

	BI/004
Code Description	BRUSHLESS 36V DC Barrier
Asta	up to 4 m
Line power supply	230V AC - 115V AC 50/60Hz +/-10%
Brushless motor power supply	36V
Max power	220W
Frequency of use	Continuous
Operating temperature	-20 +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)	SENSTORED technology
Encoder type	Magnetic Digital SENSORED, 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	√

