Brushless

Digital Encoder

PRODUCT TECHNICAL DATASHEET
BI/004/IS

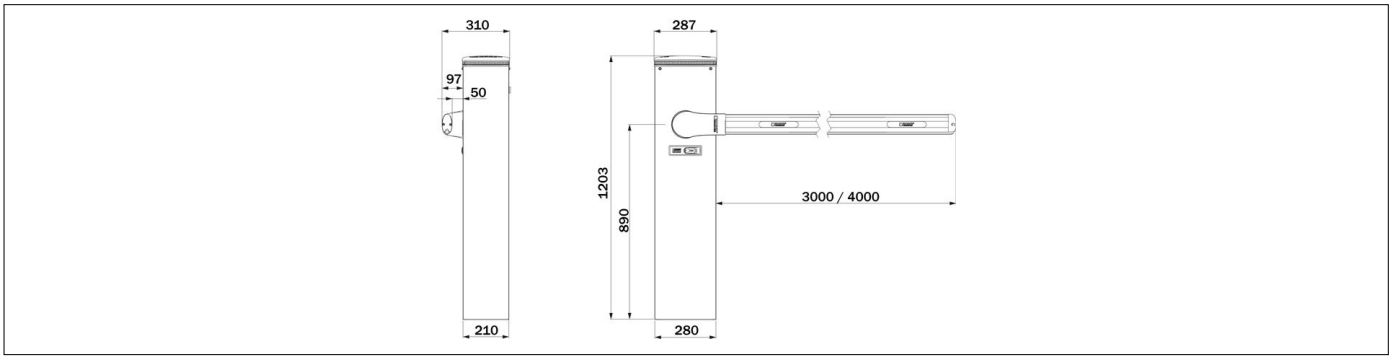


CODE	DESCRIPTION	PCS/PALLET
BI/004/IS	Barrier BRUSHLESS 36V DC for 3 or 4 m booms, with control unit and absolute encoder, irreversibel, complete with stainless steel xing plate with tie rods, boom fixing anges and flashing white LED light on header. Version with housing unit made in satin stainless steel AISI 304.	8

PRODUCT TECHNICAL SPECIFICATIONS	
Barriers	Up to 4 mt long
Power line supply	230V AC - 50/60Hz
Motor power supply	36V DC
Power	220W
Frequency of use	Continue
Torque	0 - 200 N m
Operating temperature	- 20 + 55 C°
Protection level	IP54
Reductor Type	Irreversible
Opening time	2÷6 sec (up to 3 m) - 3÷6 sec (up to 4 m)
Onboard control unit	CTRL
Encoder	Digital native encoder + magnetic digital SENSORED, 4096 PPR
Accessories power supply	24V DC
Colour	Cabinet: brushed stainless steel AISI 304 - Head: black arabesque silver painted - Boom support: plastic RAL9005 - Boom: painted RAL9010 matt
Release system	STANDARD Key cylinder - Optional European Cylinder (Cod. RL670)
Batteries recovery	Available (optional)
BUS synchronization Master/Slave	Yes

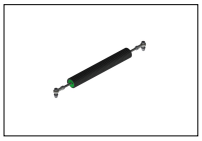
Operating cycles per day (opening/closing - 24 hours no stop)	5000
Maximum dimension product in mm (L x W x H)	280 x 210 x 1203
Product weight packed (Kg)	45,2
Number items per pallet/box	8

PRODUCT DIMENSIONS AND PREPARING FOR INSTALLATION

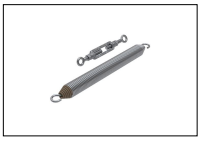


DIMENSIONS

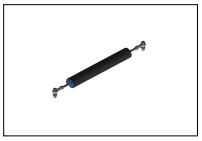
PRODUCT ACCESSORIES



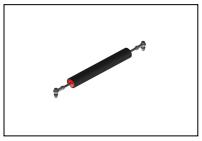
SP/48/01
Spring diameter 48 mm for barriers.



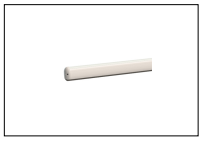
SP/48/G14
Spring diameter 48 mm only for BI/004 with boom less than 2.2 m.



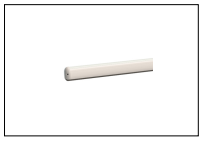
SP/61/01
Spring diameter 61 mm for barriers.



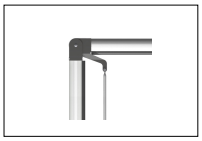
SP/72/01
Spring diameter 72 mm for barriers.



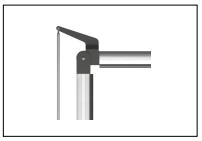
BA/68/3
White painted aluminum boom, 3 meters long, with LED cover profile and impact resisteng rubber profile.



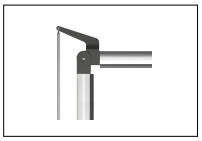
BA/68/4
White painted aluminum boom, 4 meters long, with LED cover profile and impact resisteng rubber profile.



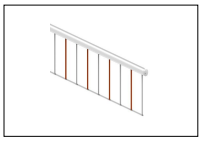
SND/BA/68/DW
Articulated joint 90° with lower tie rod for boom BA/68.



SND/BA/68/UP
Articulated joint 90° with upper tie rod for boom BA/68.



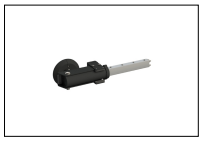
SND/BA/68/UP/RD
Articulated joint 90° with upper tie rod (lowered version) for boom BA/68.



BARK/02
Painted aluminum skirting, with stainless steel screws mounted on bronze bushings. Single module length 2 meters.



ACS/BA/60
Break-away system for barrier, compatible only with BA/60/3 boom arm.



ACS/BA/68
Break-away system for barrier, compatible with BA/68/3 and BA/68/4 boom arm.



KT247
Support for rectangular boom for BI/004 up to 4 m and max. 3.6 kg.



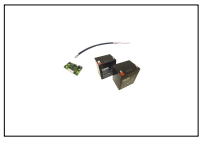
ALED/4C
4-metre LED strip with connection cable for barrier boom (red colour).



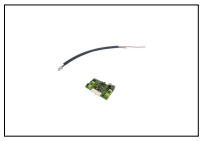
ALED/4C/RGB
4-metre multicoloured RGB LED (red, green + other colours) strip with connection cable for barrier boom.



BI/BLED/4/RGB
Multicoloured RGB LED strip (red, green + other colours) with connection cable for BI/004 barrier header.



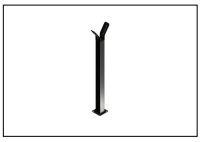
BI/BAT/KIT
Kit for emergency batteries charger for Brushless digital controller CTRL 36V DC with plug-in card, with 2 recovery batteries 12V DC, 4.5 Ah. Kit for BIONIK barrier.



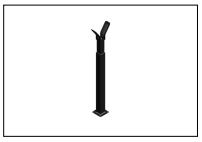
BI/BCHP
Plug-in card, batteries charger, for Brushless digital controller CTRL 36V DC, without recovery batteries, for BIONIK barrier.



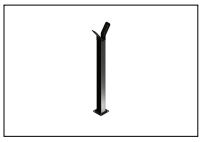
BT12V45
Battery 12V 4.5 Ah (1 pc).



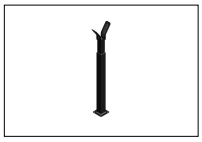
BAFS/01
Fixed support with rubber, not adjustable, for booms.



BAFS/02
Fixed support with rubber, adjustable telescoping, for booms.



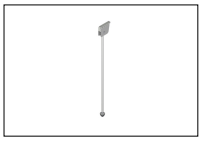
BAFS/03
Fixed support with rubber, not adjustable, with predisposition for bolt, for booms.



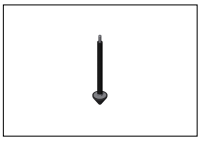
BAFS/04
Fixed support with rubber, adjustable telescoping, with predisposition for bolt, for booms.



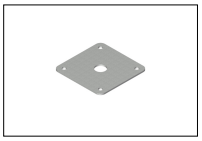
BAFS/05
Adjustable fixed support with vandal-proof magnetic suction cup, complete with B72/DGS demagnetizer card, for booms.



BAMS/01
Mobile support for booms.



BAMS/01/EXT
Extension 20 cm for mobile support BAMS/01.



KT231
Fixing plate for fixed supports codes BAFS/01, BAFS/02, BAFS/03, BAFS/04, BAFS/05.



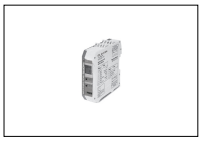
B73/EXP
Signal status board, 2 output for CTRL - CTRL/P.



B73/LTM
RGB boom light and traffic light control device for CTRL.



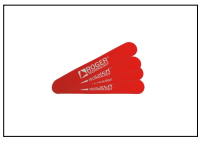
DLD1/24
Loop detector for 1 loop, 2 output, 24V AC/DC.



DLD2/24
Loop detector for 2 loops, 2 outputs + output alarm, 24V AC/DC.



RL670
European cylinder key (DIN) for release system series SMARTY - BIONIK.



R99/BASB20
Pack of 20 reflective adhesive stickers for boom barrier.