

Gate Automation

Product Catalogue

BENINCA[®]
TECHNOLOGY TO OPEN

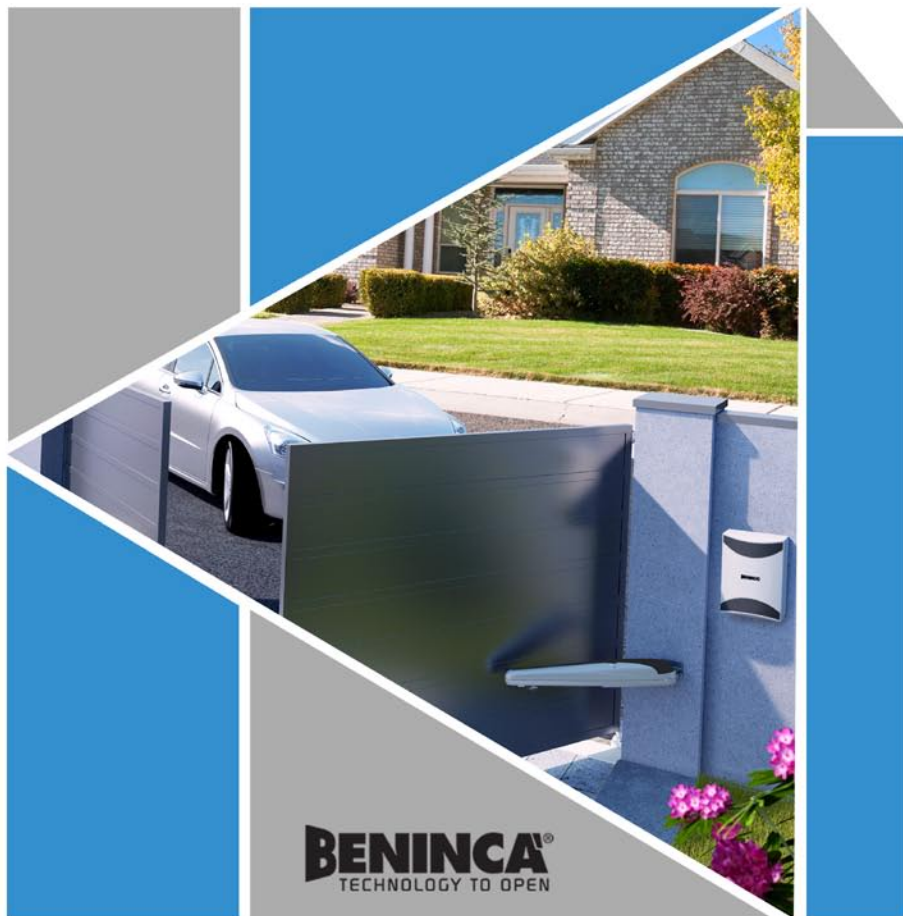
2020





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Swing Gate Automation



Technology To Open



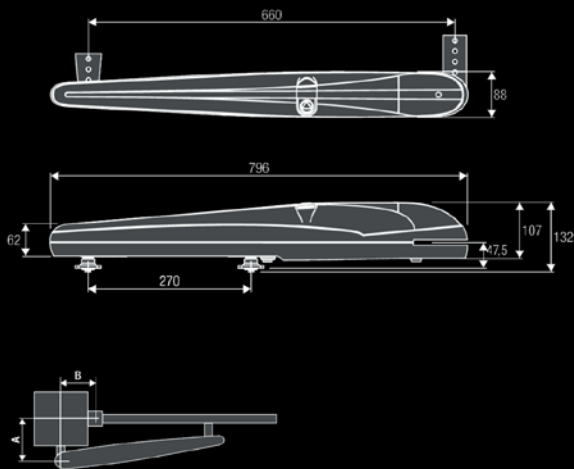
Automation For Swinging Gates Up to 3m



B-BOB30M

The B-BOB30M is a reliable & quiet motor, quick to install thanks to its 2 adjustable mechanical stops for opening & closing. This motor is 230V/AC and includes rolled ball screws (diameter 20mm) with easy entry access release from above

 **MADE IN ITALY**



Technical Data

Power Supply	230V/AC (50-60Hz)
Motor Supply	230V/AC
Max Absorbed Current	1.8A
Max Thrust	2300 N
Opening Time	18"
Operation Cycle	30%
Standard Stroke	270mm
Max Stroke	325mm
Protection Level	IP44
Encoder	NO
Operating Temperature	-20 /+ 50 Degrees
Leaf Max Dimension	3.0m
Weight	8.6kg

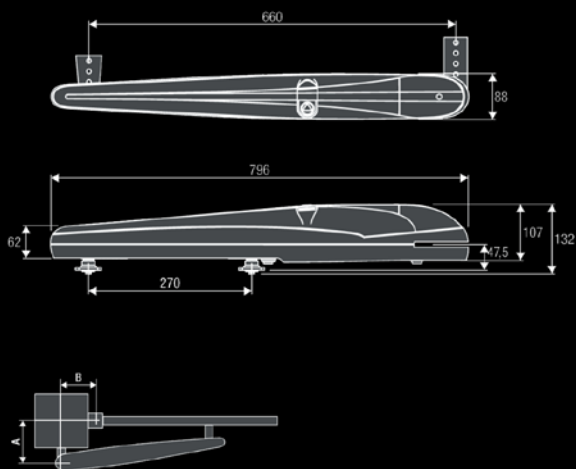
Automation For Swinging Gates Up to 3m



B-BOB3024E

The B-BOB3024E is a reliable & quiet motor, quick to install thanks to its 2 adjustable mechanical stops for opening & closing. This motor is 24V/DC and includes rolled ball screws (diameter 20mm) with easy entry access release from above

 **MADE IN ITALY**



Technical Data

Power Supply	230V/AC (50-60Hz)
Motor Supply	24V/DC
Max Absorbed Current	5.5A
Max Thrust	1800 N
Opening Time	9" - 21"
Operation Cycle	Intensive Use
Standard Stroke	270mm
Max Stroke	325mm
Protection Level	IP44
Encoder	YES
Operating Temperature	-20 /+ 50 Degrees
Leaf Max Dimension	3.0m
Weight	8.6kg



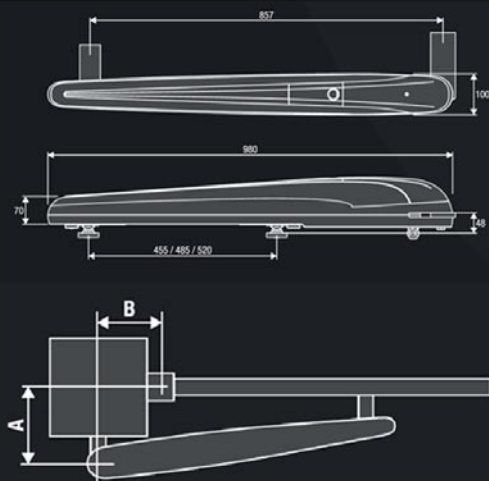
Automation For Swinging Gates Up to 5m



B-BOB50M

The B-BOB50M is a reliable & quiet motor, quick to install thanks to its 2 adjustable mechanical stops for opening & closing. This motor is 230V/AC and includes rolled ball screws (diameter 20mm) with easy entry access release from above

 **MADE IN ITALY**



Technical Data

Power Supply	230V/AC (50-60Hz)
Motor Supply	230V/AC
Max Absorbed Current	1.4A
Max Thurst	3500 N
Opening Time	26"
Operation Cycle	30%
Standard Stroke	455mm
Max Stroke	520mm
Protection Level	IP44
Encoder	NO
Operating Temperature	-20 /+ 50 Degrees
Leaf Max Dimension	5.0m
Weight	11.6kg

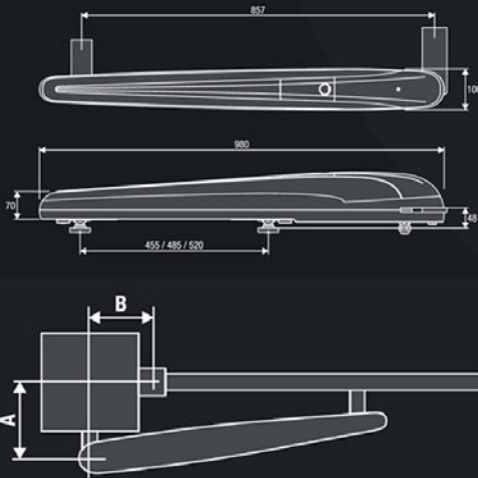
Automation For Swinging Gates Up to 5m



B-BOB5024

The B-BOB5024 is a reliable & quiet motor, quick to install thanks to its 2 adjustable mechanical stops for opening & closing. This motor is 24V/DC and includes rolled ball screws (diameter 20mm) with easy entry access release from above

 **MADE IN ITALY**



Technical Data

Power Supply	230V/AC (50-60Hz)
Motor Supply	24V/DC
Max Absorbed Current	6.7A
Max Thurst	2200 N
Opening Time	21"
Operation Cycle	Intensive Use
Standard Stroke	455mm
Max Stroke	520mm
Protection Level	IP44
Encoder	YES
Operating Temperature	-20 / + 50 Degrees
Leaf Max Dimension	5.0m
Weight	11.6kg

Automation For Swinging Gates (Left)
Up to 2.5m

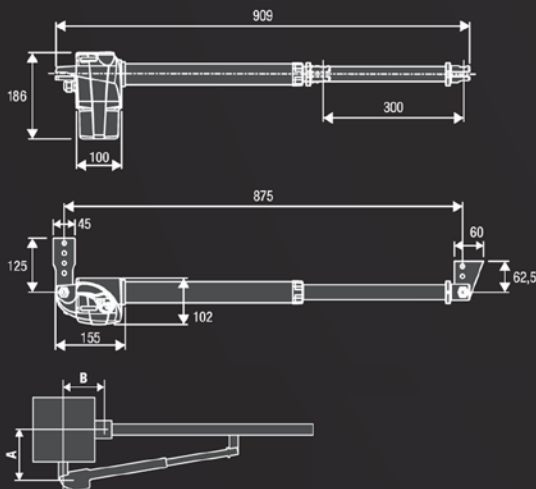


B-BILL30ML

The B-BILL30ML is a reliable & compact motor, perfectly suited for forged iron gates. This motor is 230V//AC and is available in both left & right versions. Worm protected by a scraper ring & stainless steel stem, suitable for use in dusty/sandy environments or where there are aggressive atmospheric conditions

Non Stock Item - please enquire with AAP staff for lead time

MADE IN ITALY



Technical Data

Power Supply	230V//AC (50-60Hz)
Motor Supply	230V//AC
Max Absorbed Current	1.1A
Max Thrust	2800 N
Opening Time	16"
Operation Cycle	30%
Standard Stroke	300mm
Max Stroke	320mm
Protection Level	IP54
Operating Temperature	-20 /+ 50 Degrees
Leaf Max Dimension	2.5m
Weight	5.7kg

Automation For Swinging Gates (Right)
Up to 2.5m

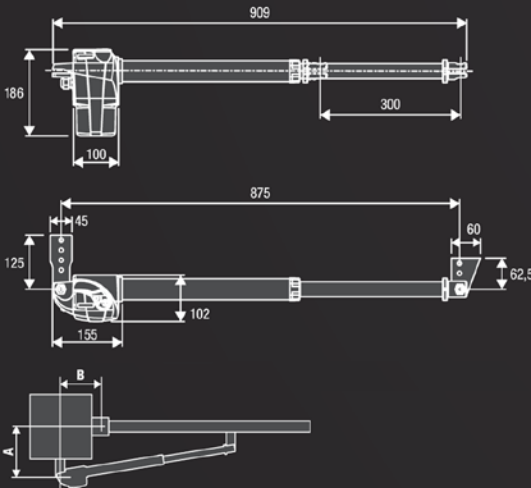


B-BILL30MR

The B-BILL30MR is a reliable & compact motor, perfectly suited for forged iron gates. This motor is 230V/AC and is available in both left & right versions. Worm protected by a scraper ring & stainless steel stem, suitable for use in dusty/sandy environments or where there are aggressive atmospheric conditions

Non Stock Item - please enquire with AAP staff for lead time

MADE IN ITALY



Technical Data

Power Supply	230V/AC (50-60Hz)
Motor Supply	230V/AC
Max Absorbed Current	1.1A
Max Thrust	2800 N
Opening Time	16"
Operation Cycle	30%
Standard Stroke	300mm
Max Stroke	320mm
Protection Level	IP54
Operating Temperature	-20 /+ 50 Degrees
Leaf Max Dimension	2.5m
Weight	5.7kg



Automation For Swinging Gates
Up to 4.0m

ARM NOT INCLUDED



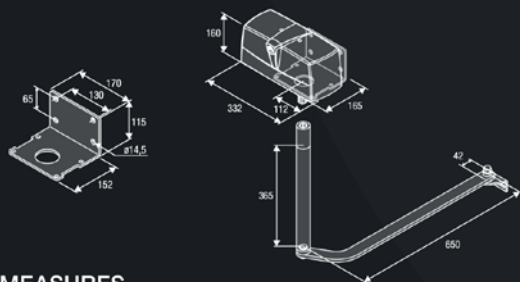
B-PR45E

The B-PR45E is suitable for gates installed on large columns, this model is 230V/AC. The unit includes built in electromechanical open & close limit switches

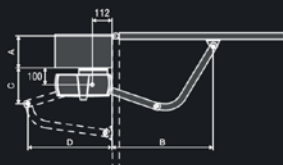
NOTE: Arm not included. You require the B-DUE2

Non Stock Item - please enquire with AAP staff for lead time

 **MADE IN ITALY**



MEASURES



A (mm)	B (mm)	C (mm)	D (mm)
50	883	277	429
150	851	181	466
200	828	117	475
250	800	32	469
300	846	28	468

Technical Data

Power Supply	230V/AC (50-60Hz)
Motor Supply	230V/AC
Max Absorbed Current	1.75A
Torque	325 Nm
Opening Time	13"
Operation Cycle	30%
Protection Level	IP44
Operating Temperature	-20 /+ 50 Degrees
Leaf Max Dimension	3m
Weight	13kg



Automation For Swinging Gates
Up to 4.0m

ARM NOT INCLUDED

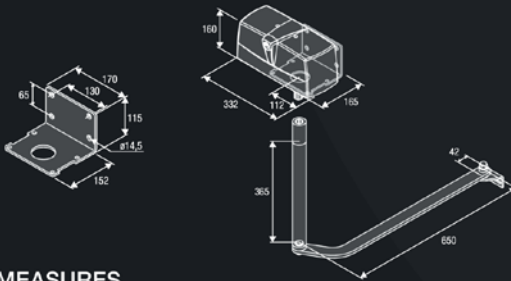


B-PR45E24

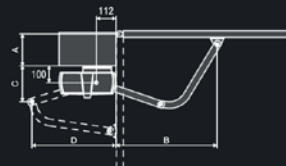
The B-PR45E24 is suitable for gates installed on large columns, this model is 24V/AC. The unit includes built in electromechanical open & close limit switches

NOTE: Arm not included. You require the B-DUE2

 **MADE IN ITALY**



MEASURES



A(mm)	B(mm)	C(mm)	D(mm)
50	883	277	429
150	851	181	486
200	828	117	475
250	800	32	469
300	846	28	468

Technical Data

Power Supply	230V/AC (50-60Hz)
Motor Supply	24V/AC
Max Absorbed Current	9A
Torque	320 Nm
Opening Time	9"
Operation Cycle	Intensive Use
Protection Level	IP44
Operating Temperature	-20 /+ 50 Degrees
Leaf Max Dimension	3m
Weight	13kg



Automation For Swinging Gates Up to 3.5m

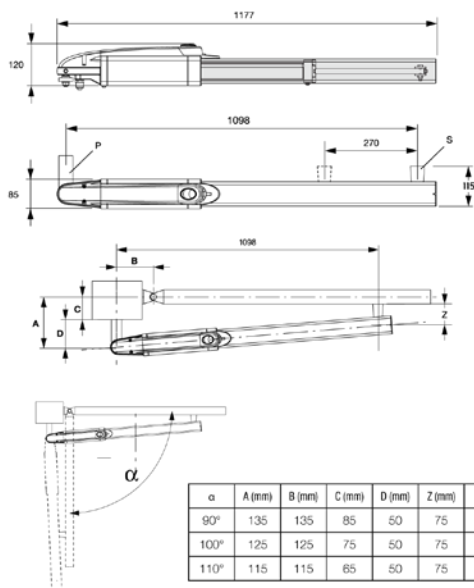


B-HD35AC

The B-HD35AC hydraulic actuator offers silent operation and fluid movement, guaranteed by the presence of the hydraulic slow down function. The presence of the rear joint with pin and of the adjustable spherical front joint facilitates installation operations, allowing correct operation even on gates that are not perfectly aligned

Non Stock Item - please enquire with AAP staff for lead time

 **MADE IN ITALY**



Technical Data

Power Supply	230V/AC (50-60Hz)
Absorbed Current	1.2A
Absorbed Power	250W
Pump Delivery	1 l/min
Thrust	4200N
Stroke Length	270mm
Max. Oil Pressure	30 Bar
Degree of Protection	IP55
Operation Cycle	Intensive Use
Overload Cut-out	150°C
Operating Temperature	-20° C / 50° C
Ram Speed	1.3 cm/s
Ram Shaft Diameter	20mm
Opening Block	Yes
Closing Block	Yes
Hydraulic Slow-down	In Closing
Joints	Front & Rear
Door Leaf Width	3.5m
Door Leaf Weight	500kg
Needs an Electric Lock	No

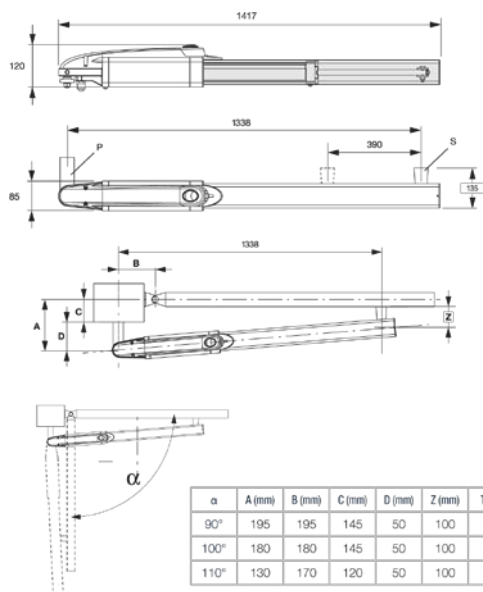
Automation For Swinging Gates Up to 5.0m



B-HD50AC

The B-HD50AC hydraulic actuator offers silent operation and fluid movement, guaranteed by the presence of the hydraulic slow down function. The presence of the rear joint with pin and of the adjustable spherical front joint facilitates installation operations, allowing correct operation even on gates that are not perfectly aligned

MADE IN ITALY



Technical Data

Power Supply	230V/AC (50-60Hz)
Absorbed Current	1.2A
Absorbed Power	250W
Pump Delivery	0.75 l/min
Thrust	4200N
Stroke Length	390mm
Max. Oil Pressure	30 Bar
Degree of Protection	IP55
Operation Cycle	Intensive Use
Overload Cut-out	150°C
Operating Temperature	-20° C / 50° C
Ram Speed	1 cm/s
Ram Shaft Diameter	20mm
Opening Block	Yes
Closing Block	Yes
Hydraulic Slow-down	In Closing
Joints	Front & Rear
Door Leaf Width	5.0m
Door Leaf Weight	500kg
Needs an Electric Lock	No

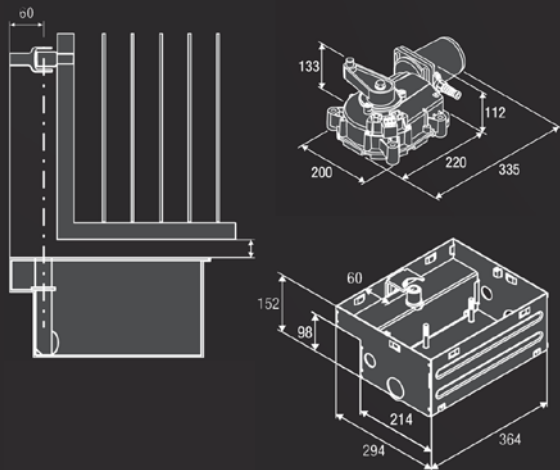
Automation For Swinging Gates
Underground Installation
Up to 3.5m



B-DU.IT24NVE

The B-DU.IT24NVE is an irreversible electromechanical geared motor available in 24V/DC, with the option of operating to 180 degrees. The unit comes with full metal mechanics & built-in mechanical stops

 **MADE IN ITALY**



Technical Data

Power Supply	230V/AC (50-60Hz)
Motor Supply	24V/AC
Max Absorbed Current	11A
Torque	280 Nm
Opening Time	15"
Operation Cycle	Intensive Use
Protection Level	IP67
Operating Temperature	-20 /+ 50 Degrees
Leaf Max Dimension	3.5m
Encoder	Yes
Weight	10kg



B-DU.ITIX

Self supporting stainless steel foundation box, max opening of 100 degrees. Comes with cover but requires B-SB-DUITL



B-DU.FCN

Waterproof limit switch device for the B-DU.ITI4NVE underground actuators



B-SB.DUITL

Unlocking kit which includes unlocking system with hex key & components to connect the motor to the gate. Mechanical stops included



Road Barrier with
integrated control unit
For passangers up to 7.0m



B-EVA.7

The B-EVA.7 is an electromechanical 24V/DC barrier for intensive use. The barrier also includes an absolute encoder, which ensures greater precision in slowdowns and advanced control of the boom movement so that it never loses the reference position of the boom, even if there is a power cut or the automatic device is released

 **MADE IN ITALY**

Technical Data

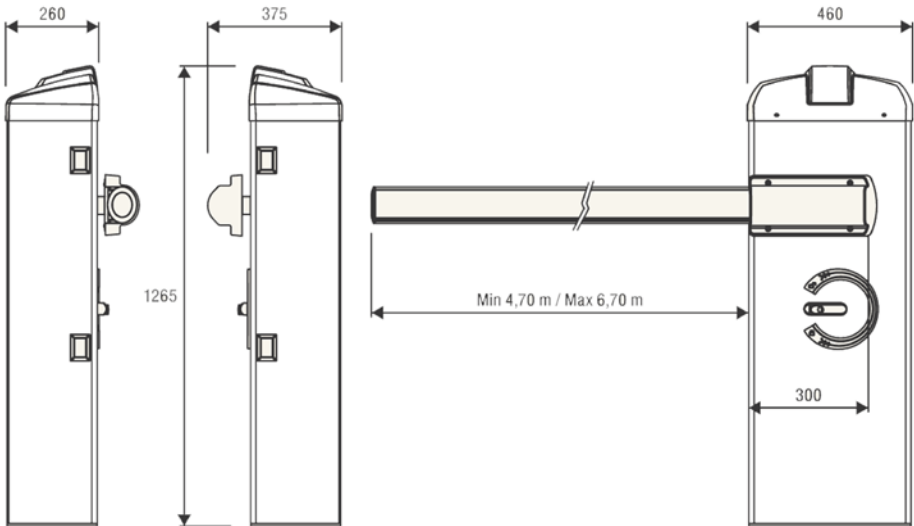
Power Supply	100 - 250V AC (50-60Hz)
Motor Supply	24V/DC
Max Absorbed Current	1.6A
Power Consumption in Stand-by	40mA
Torque	285 Nm
Opening Time	3.5" - 6"
Duty Cycle	Intensive Use
Protection Level	IP44
Operating Temperature	-20°C /+ 50°C Degrees
For Passages up to	7m
Weight	78.4kg



B-EVA7.A2

Painted elliptical aluminium arm cut into two pieces measuring 3.5 m each. Equipped with joint.

Product Dimensions



Please check stock availability with AAP Sales Staff



Swing Gate Kit includes:

- 2x B-BOB30M 230V Screw Drive Actuators
- 1x B-HEADY 230V Controller
- 1x B-PUPILLA Safety Beam
- 2x B-TO.GO2VA 433Mhz Remote

B-BOB30M.P



B-BOB30M

230V /AC screw drive actuator with mechanical stops, 3m leaf with a 30% duty cycle & 2300N thrust



B-HEADY

230V /AC controller for the B-BOB30M actuator



B-TO.GO2VA

2 Channel 433Mhz advanced rolling code transmitter



B-PUPILLA

24V AC/DC point to point pair of surface mount 180° adjustable photocells



Swing Gate Kit includes:

- 2x B-BOB3024E 24V Screw Drive Actuators
- 1x B-BRAINY24 24V Controller
- 1x B-PUPILLA Safety Beam
- 2x B-TO.GO2VA 433Mhz Remote

B-BOB3024E.P



B-BOB3024E

24V / DC screw drive actuator with mechanical stops, 3m leaf with intensive use duty cycle & 1800N thrust



B-BRAINY24

24V / DC controller for the B-BOB3024E actuator



B-TO.GO2VA

2 Channel 433Mhz advanced rolling code transmitter



B-PUPILLA

24V AC/DC point to point pair of surface mount 180° adjustable photocells

Swing Gate Accessories



Automation for Swing Gates





B-BSR

Adjustable mounting bracket for linear actuators.
Compatible with the B-BOB30 series



B-BSR50

Bolt on mounting bracket for linear actuators.
Compatible with the B-BOB50 series



B-DUE2

Galvanised steel hinge arm for articulated arm actuators. Compatible with B-PR45E & B-PR45E24



B-417.20

Swing gate hinge, adjustable 70mm wide with 20mm thread



B-526.1

Door stop kit for swing gates. Compatible with B-BOB & B-BILL actuators



B-530.0

Gate stop to be cemented for swing gates.
Compatible with B-BOB & BILL actuators



B-535.0

Limit stop to be bolt fixed for swing gates.
Compatible with B-BOB & B-BILL actuators



B-BACK UP SWING

Battery back-up kit for 24V swing gates.
Compatible with B-BOB3024E & B-BOB5024 actuators



B-BE.CODE

Wireless keypad for controlling automated systems. Max 254 different codes linking the device to your receiver



B-IRI.LAMP

Universal LED flashing light. Also comes with blinking function as standard. Includes built in aerial



B-BOB.BUSH

Whole bush for the B-BOB screw drive actuator series



B-PUPILLA

24V AC/DC point to point surface mount 180 degree adjustable photocell. Perfect for driveway safety beams



B-PUPILLA.R

12-24V AC/DC surface mount point to point beam with 20-25m range, non adjustable



B-FTC.S

24V AC/DC surface mount safety beam for commercial premises. Compatible with B-EVA.7



B-PUPILLA XP20D

24V AC/DC surface mount point to point beam. Transmitter powered by battery



B-TO.CLIP

Plastic clip for B-TO.GO remotes. Suitable for use on your car visor or wall



B-ANT433

433Mhz extension antenna for Beninca controllers.
Compatible with B-TO.GO remotes & controllers



B-COL.P

Pair of columns in anodised aluminium with base height of 0.5m. Compatible with B-PUPILLA series



B-TO.GO4AK

4 channel 433Mhz transmitter which is cloneable.
Compatible with Beninca actuators



B-TO.GO2VA

2 channel 433Mhz transmitter with advanced rolling code. Compatible with Beninca actuators



B-TO.GO4VA

4 channel 433Mhz transmitter with advanced rolling code. Compatible with Beninca actuators



B-ONE.2WB

433Mhz 2 channel universal receiver in a box compatible with Beninca remotes (both 2 & 4 button)



B-SMART

Turn your transmitter into an elegant wall mount keypad. Compatible with all B-TO.GO remotes

Sliding Gate Automation



Technology To Open



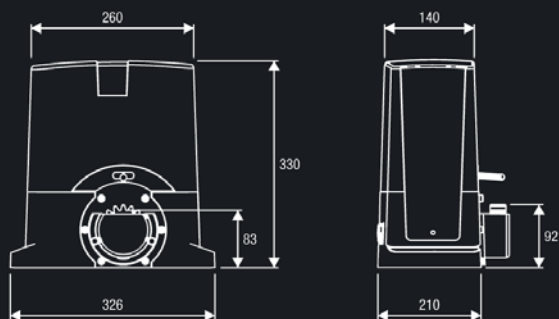
Automation For Residential Sliding Gates with Built-in Battery Back-up
Up to 600kg



B-BULL624TURBO

The B-BULL624TURBO is suitable for residential sliding gates and is a fast 24V/DC motor for intensive use. The unit includes built-in controller and a virtual encoder means that slowing can be properly managed, movement can be tracked (STC system), and torque can be managed in relation to the position of the gate, which guarantees maximum security

 **MADE IN ITALY**



Technical Data

Power Supply	230V/AC (50-60Hz)
Motor Supply	24V/AC
Max Absorbed Current	3A
Power Consumption in Stand-by	8mA
Max. Thrust	330N
Opening Speed	25.5m/min
Operation Cycle	Intensive Use
Protection Level	IP44
Magnetic Limit Switches	No
Operating Temperature	-20°C / +50°C
Max Gate Weight	600kg
Weight	15.7kg



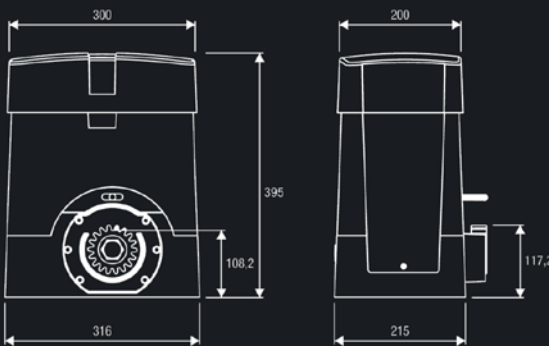
Automation For Commercial Sliding Gates - High Opening & Closing Speeds
Up to 1200kg



B-BULL1224

The B-BULL1224 is a 24V/DC gear motor for intensive use with an integrated control panel, equipped with switching power supply. The unit comes with a virtual encoder meaning the slowing of the motor can be properly managed and movement can be tracked. The unit is fast and easy to install thanks to the self programming function

 **MADE IN ITALY**



Technical Data

Power Supply	115V/AC/230V/AC (50-60Hz)
Motor Supply	24V/DC
Max Absorbed Current	3A
Power Consumption in Stand-by	8mA
Max. Thrust	390N
Opening Speed	12.5 - 24m/min
Operation Cycle	80%
Protection Level	IP44
Magnetic Limit Switches	No
Operating Temperature	-20°C / +50°C
Max Gate Weight	1200kg
Weight	17.3kg

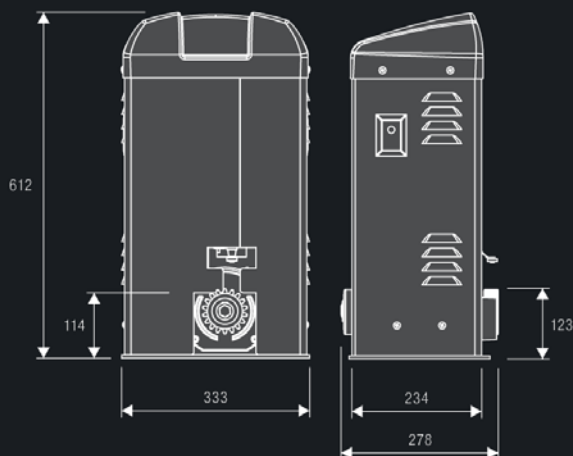
Automation For Industrial Sliding Gates
Up to 2500kg



B-BISON25 OTI

The B-BISON25 OTI is a three phase 230V/AC geared motor for intensive use. The motor includes full metal mechanics & oil lubrication ensuring maximum efficiency even at low temperatures. The encoder device ensures precision in the gate moving phases. Optional built in photocells available as accessory

MADE IN ITALY



Technical Data

Power Supply	230V/AC (50-60Hz)
Motor Supply	230V/AC
Max Absorbed Current	8A
Max. Thrust	2500N
Opening Speed	Reg. 7-19m/min
Operation Cycle	Intensive Use
Protection Level	IP44
Operating Temperature	-20 / +50 Degrees
Lubrication	Oil
Max Gate Weight	2500kg
Weight	31kg



Swing Gate Kit includes:

- 1x B-BULL624TURBO 24V Sliding Gate Motor w/ Built in Controller
- 4x B-197.1 Nylon Racking
- 2x B-TO.GO2VA 2 433Mhz Remote

B-BULLTURBO-KIT



B-BULL624TURBO

24V / DC sliding gate motor with built in controller. Suitable for gates up to 600kg with built in limit switches



B-197.1

4x Nylon gate racking (dimensions 1000mm x 28mm x 22mm)



B-TO.GO2VA

2x 2 Channel 433Mhz Advanced Rolling Code Transmitter

Sliding Gate Accessories



Automation for Sliding Gates





B-BULL.PI

Raised mounting plate for B-BULL20M & B-BULL1024



B-MLS

Magnetic limit switch kit for sliding gate actuators



B-DA.2S

Electronic card which allows synchronised movement of 2 automations, compatible with B-BULL series



B-ONE.2WB

433Mhz 2 channel universal receiver in a box, compatible with Beninca remotes



B-197.1

Nylon racking for Beninca sliding gates. Dimensions L1000 x W28 x D22mm. Compatible with B-BULL motors



B-192.1

Metal racking for Beninca sliding gates. Dimensions L1005 x W30 x D12mm. Compatible with B-BULL motors



B-RI.M4Z

Galvanised gear racking for commercial sliders such as B-BISON25 OTI. Dimensions L2000 x W22 x D22mm



B-186.3

3m U-section 16mm gate tracking for sliding gates. Compatible with 20mm wheels & B-BULL motors



B-111.80

80mm U-section gate wheels (20mm). Compatible with B-BULL motors



B-111.100

100mm U-section gate wheels (20mm). Compatible with B-BULL motors



B-203.3

4 roller guide plate with 30 - 100mm gap. Compatible with sliding gate motors



B-203.2

4 roller guide plate with 40 - 80mm gap. Compatible with sliding gate motors



B-BE.CODE

Wireless keypad for controlling automated systems. Max 254 different codes linking the device to your receiver



B-KEY

Master keys for Beninca motors, key range from 1171 - 1180



B-IRI.LAMP

Universal LED flashing light. Also comes with blinking function as standard. Includes built in aerial



B-PUPILLA

24V AC/DC point to point surface mount 180 degree adjustable photocell. Perfect for driveway safety beams



B-PUPILLA.R

12-24V AC/DC surface mount point to point beam with 20-25m range, non adjustable



B-PUPILLA XP20D

24V AC/DC surface mount point to point beam. Transmitter powered by battery



B-FTC.S

24V AC/DC safety beam set. Fits in commercial sliders including B-BISON. Dimensions L90 x W75 x D30mm



B-COL.P

Pair of columns in anodised aluminium with base height of 0.5m. Compatible with B-PUPILLA series



B-TO.GO4AK

4 channel 433Mhz transmitter which is cloneable. Compatible with Beninca actuators



B-TO.GO2VA

2 channel 433Mhz transmitter with advanced rolling code. Compatible with Beninca actuators



B-TO.GO4VA

4 channel 433Mhz transmitter with advanced rolling code. Compatible with Beninca actuators



B-SMART

Turn your transmitter into an elegant wall mount keypad. Compatible with all B-TO.GO remotes



B-TO.CLIP

Plastic clip for B-TO.GO remotes. Suitable for use on your car visor or wall



B-BACK UP SLIDE

Battery back-up kit for 24V sliding gates. Compatible with B-BULL624TURBO



B-ANT433

433Mhz extension antenna for Beninca controllers. Compatible with B-TO.GO remotes & controllers

Consider Adding



A-PROBE KIT

Vehicle Detection Device



CPT-DHI6A-10T

Access Control Keypad



DB-D10IS

IP Intercom



Complete Automation



For more information & pricing on the Beninca range please contact

Sales Enquires - (09) 414 0085

Quotes - orders@aap.co.nz or sales@aap.co.nz

For your nearest Sales Rep please contact:

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