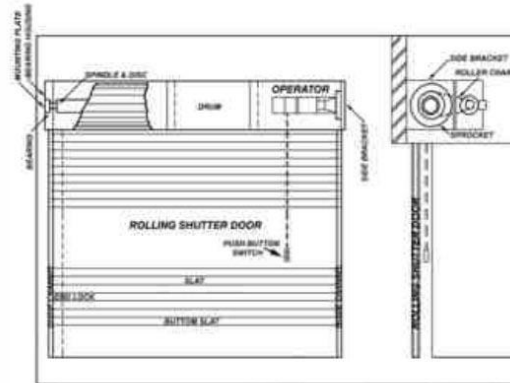
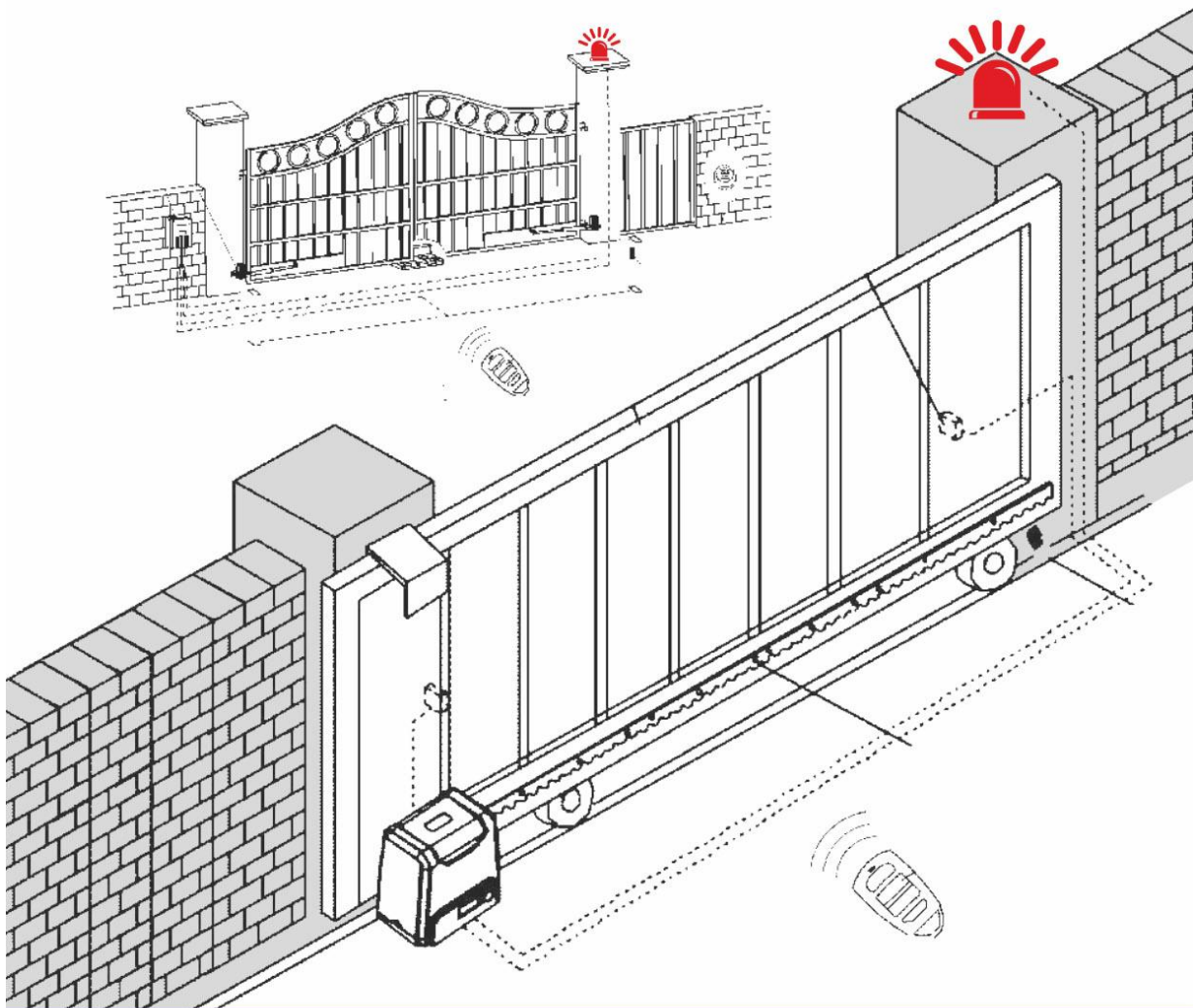




*Engineering Works and Fabrications*



## AUTOMATION FOR GATES, DOORS & BARRIERS



## ENTRANCE AUTOMATION SYSTEM

Entrance Automation System enables automatic operation/ opening & closing of any entrance mechanism like sliding gate/door' Swing gate' Barrier' Rolling Shutters' Road Blocks etc.

The system comprises of Controller-cum- Operator' Photocells' Microwave Sensors' Switches' Remote controls' Lock etc.

The System can be fully automatic or semi-automatic. In a fully automatic system' microwave sensors detect the motion of vehicles' human and initiate automatic opening of the entrance. Photocells are Safety devices that prevent closing of entrance in case any obstruction is encountered within the entrance.

In semi automatic systems' opening/ closing is initiated through manual switch or remote key-fob or through authentication by a reader device in case the Entrance automation system is connected to Access/ Attendance Control System.

Entrance Automation System is a combination of Security Application' Visitor Management Tool' Automation capability & convenience enabling the user an efficient Entrance management System.

It can also be integrated with Building Management System' CCTV Surveillance System' Fire detection & Alarm System.

There are couple of top brands as RIB' FAAC' NICE' Ditec' Dorma etc. available with varied features and specifications to suit different user requirements. The system is designed as per the requirement of the site and user application and the products & software is chosen accordingly. Subsequently the system is installed and integrated to meet the customer requirements.

We, Bright Agencies from 1987 are famous amongst the esteemed wholesaler of an exceptional quality assortment of Shine Door, Shutter Locks and Paints & from 2012 Automatic Sliding Gate and Boom Barriers. Offered products range consists of Rolling Shutter, Sectional Garage Door, and Sliding Gate. The range manufactured by our vendor base is designed under the supervision of quality controllers. Also, these products are known for their easy usability, long service life, and damage resistance. These offered products are used in varied domestic, commercial or industrial fields according to the usage and applications.

Making use of advanced machines installed in our vendor's modern manufacturing facility, the team also ensure time lined delivery of even the voluminous quantity of the range. We have an association with a certified vendor. Furthermore, they are selected by us thorough market survey and we found they never negotiate with quality norms.

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Engineering Works and Fabrications

## AUTOMATIC ROLLING SHUTTER MOTOR

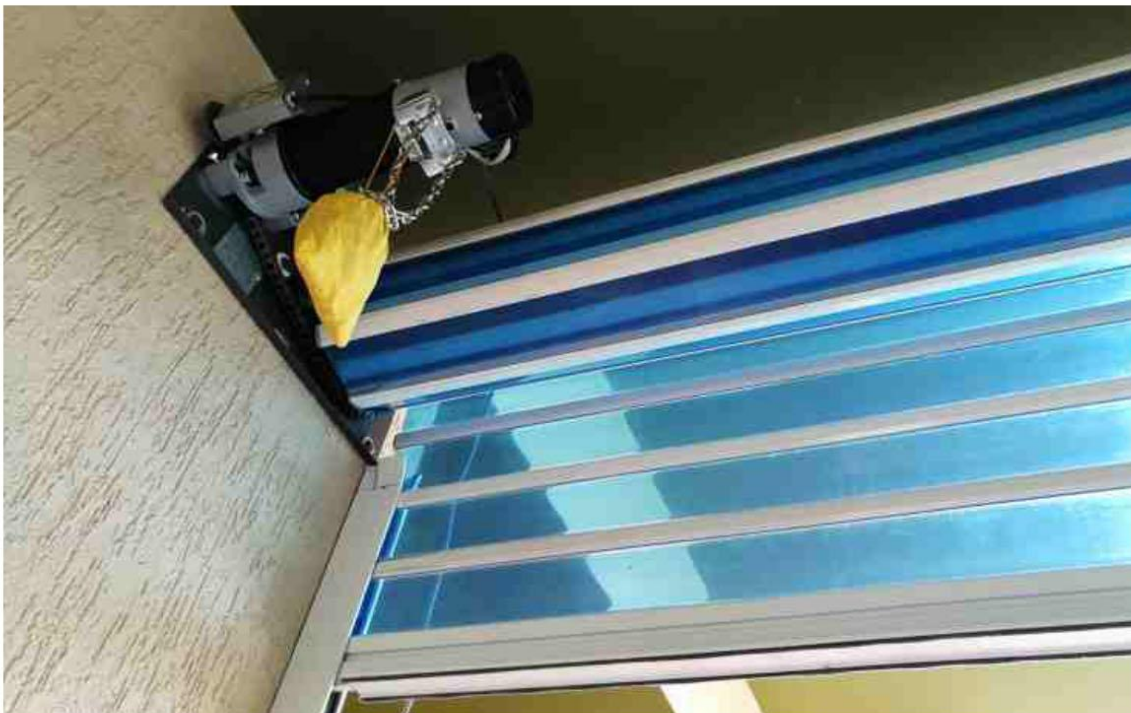
SIDE MOTOR FOR COMMERCIAL AND INDUSTRIAL USE

### SPECIFICATION:

- This series of rolling shutter motor and can be used for residential and commercial purpose.
- Motors can be installed to Rolling shutter which weights from 300kg to 2000kg.
- Motor has advanced technology and equipment for excellent performance.
- Motor is ISO CERTIFIED and CE test Passed.
- New technology with electronic limit switch (optional) with advantages of precise open close and time saving.

### FEATURES:

1. The motor shells are pressure-cast with high strength aluminum alloy materials, light & durable.
2. Motor surface is electrostatic sprayed & powder coated so does not fade or get rusty.
3. Reduction gear box made from high class cuprium alloy makes motor noiseless.
4. All motor with copper winding which make motor less heating.
5. Motor is Equipped with overheat protection component inside.
6. In case of power cut, pulling chain helps to lift the shutter manually.
7. Supports photocell, card reader, safety edge, wireless keypad, electric locks, Mobile App, bluetooth controller & wi-fi camera control.







### 300Kg AC

Model	QI-300-1P
Rated Voltage	220 V
Rated Frequency	50 Hz
Rated Input Power	495 W
Rated Current	2.2 A
Rated Output Torque	168 N.m
Max. Lifting Height	6.0 m
Ambient Temperature Range	-20°C ~ +50°C
Rated Working Time	7 min

- Suitable for rolling shutter weighing up to 150-200kg
- Can be operated using existing UPS & Power backup of 0.5 kv
- 100% copper winding to have larger capacity & durability
- 4 relay system which minimize the failure rate



### 600Kg AC

Model	QI-600-1P
Rated Voltage	220 V
Rated Frequency	50 Hz
Rated Input Power	530 W
Rated Current	2.5 A
Rated Output Torque	412 N.m
Max. Lifting Height	6.0 m
Ambient Temperature Range	-20°C ~ +50°C
Rated Working Time	7 min

- Suitable for rolling shutter weighing up to 300-400kg
- Can be operated using existing UPS & Power backup of 1 kv
- 100% copper winding to have larger capacity & durability
- Double limit switch protection system for more safety



### 600Kg DC

Model	QI-AD600KG
Rated Voltage	=24 V
Rated Frequency	—
Rated Input Power	110 W
Rated Current	0.5 A
Rated Output Torque	412 N.m
Max. Lifting Height	6.0 m
Ambient Temperature Range	-20°C ~ +50°C
Rated Working Time	15 min

- Suitable for rolling shutter weighing up to 300-400kg
- No need of external power backup in case of power failure
- 100% copper winding to have larger capacity & durability
- 4 relay system which minimize the failure rate
- with soft start & soft stop



### 800Kg AC

Model	QI-800-1P
Rated Voltage	220 V
Rated Frequency	50 Hz
Rated Input Power	685 W
Rated Current	3.1 A
Rated Output Torque	647 N.m
Max. Lifting Height	9.0 m
Ambient Temperature Range	-20°C ~ +50°C
Rated Working Time	7 min

- Suitable for rolling shutter weighing up to 400-500kg
- Can be operated using existing UPS & Power backup of 1 kv
- 100% copper winding to have larger capacity & durability
- 4 relay system which minimize the failure rate
- Low noise & over heat protection



### 1000Kg-1P

Model	QI-1000-1P
Rated Voltage	220 V
Rated Frequency	50 Hz
Rated Input Power	670 W
Rated Current	3.0 A
Rated Output Torque	809 N.m
Max. Lifting Height	9.0 m
Ambient Temperature Range	-20°C ~ +50°C
Rated Working Time	7 min

- Suitable for rolling shutter weighing up to 500-600kg
- Can be operated using existing UPS & Power backup of 1.5kv
- 100% copper winding to have larger capacity & durability
- 4 relay system which minimize the failure rate



### 1000Kg-3P

Model	QI-1000-3P
Rated Voltage	380 V
Rated Frequency	50 Hz
Rated Input Power	400 W
Rated Current	—
Rated Output Torque	809 N.m
Max. Lifting Height	9.0 m
Ambient Temperature Range	-20°C ~ +50°C
Rated Working Time	15 min

- Suitable for rolling shutter weighing up to 500-600kg
- With 3 phase change over controller
- 100% copper winding to have larger capacity & durability
- 4 relay system which minimize the failure rate
- Suitable for industrial shutters with more working time



### 1500kg-1P

Model	QI-1500-1P
Rated Voltage	220 V
Rated Frequency	50 Hz
Rated Input Power	750 W
Rated Current	—
Rated Output Torque	1617 N.m
Max. Lifting Height	9.0 m
Ambient Temperature Range	-20°C ~ +50°C
Rated Working Time	8 min



### 1500kg-3P

Model	QI-1500-3P
Rated Voltage	380 V
Rated Frequency	50 Hz
Rated Input Power	800 W
Rated Current	—
Rated Output Torque	1617 N.m
Max. Lifting Height	9.0 m
Ambient Temperature Range	-20°C ~ +50°C
Rated Working Time	15 min

- Suitable for rolling shutter weighing up to 750-800kg
- Can be operated using existing UPS & Power backup of 2 kv
- 100% copper winding to have larger capacity & durability
- 4 relay system which minimize the failure rate

- Suitable for rolling shutter weighing up to 750-800kg
- With 3 phase change over controller
- 100% copper winding to have larger capacity & durability
- 4 relay system which minimize the failure rate
- Suitable for industrial shutters with more working time

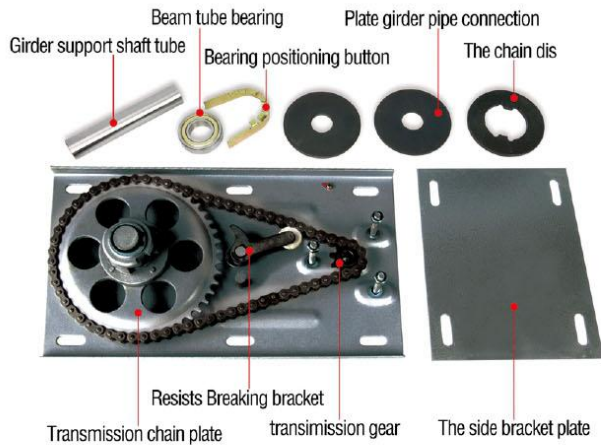
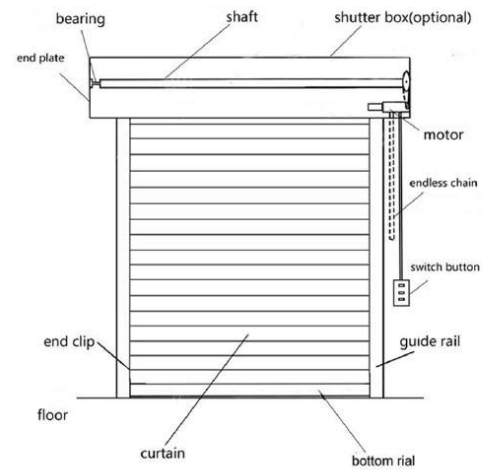


### 2000kg

Model	QI-2000-3P
Rated Voltage	380 V
Rated Frequency	50 Hz
Rated Input Power	1500 W
Rated Current	—
Rated Output Torque	2450 N.m
Max. Lifting Height	12.0 m
Ambient Temperature Range	-20°C ~ +50°C
Rated Working Time	15 min

- Suitable for rolling shutter weighing up to 300-400kg
- No need of external power backup in case of power failure
- 100% copper winding to have larger capacity & durability
- 4 relay system which minimize the failure rate

### Installation Diagram



## Optional Accessories for Rolling Shutter



Wireless Safety Edge Schematic Diagram

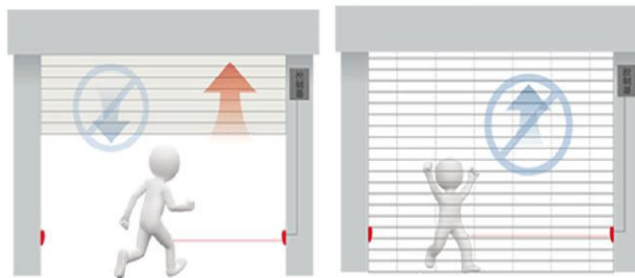


### Wireless Safety Edge

In the state of closing, when door meets with obstacle, trigger stop switch, it can be stopped and rebounds to the top (rebound state is stop when meet obstacle/rebound times is 0.5s rebound times 2s rebound to upper limit)



Infrared Sensor Schematic Diagram



### Infrared sensor

When the infrared ray meet obstacle, the door doesn't move, When the door running the infrared ray meets obstacle, adjust the dip switch (dip switch is on the infrared sensor) to achieve the functions of stop when meet obstacle. rebound times for 0.5s / 2s or rebound to upper limit

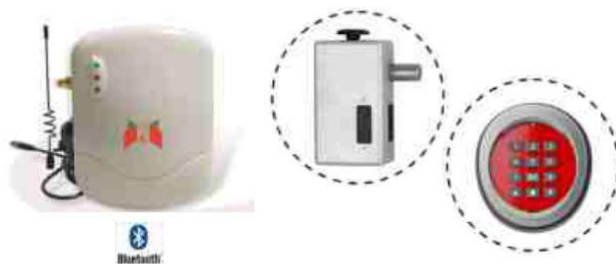


### Wireless Password Push Button

<p><b>Redefine</b></p>	<b>VS</b>	<p><b>Old Type</b></p>
<p>No need wire in push button, can add more wireless button, no need to drill hole to install, save installation cost and time, also more safe and convenient</p>		
<p><b>Coding Method</b></p>		

<p><b>Redefine</b></p> <p>2<sup>24</sup> = 27 million set of encoding</p>	<b>VS</b>	<p><b>Old Type</b></p> <p>1 million groups of coding</p>
<p>New type of motor uses rolling code, repetitive rate will be very low, each time code is rolling code is rolling code, it is not able to copy, therefore hacker will be more safe and reliable.</p>		

<p><b>Redefine</b></p>	<b>VS</b>	<p><b>Old Type</b></p>
<p>No electricity when motor is standby so will not get broken in lightning day</p>		





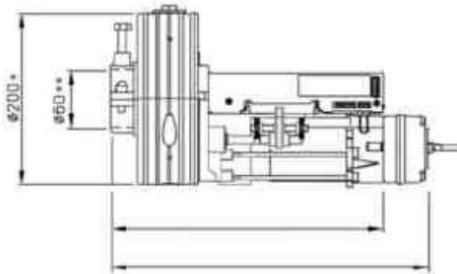
# AUTOMATIC ROLLING SHUTTER MOTOR

CENTRE MOTOR FOR COMMERCIAL AND INDUSTRIAL USE



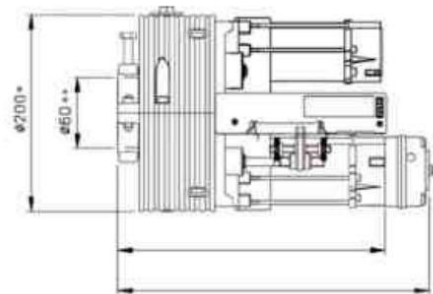
**BAFDM-200**

Model	BAFDM-200
Rated Voltage	220 V
RPM	10
Rated Input Power	620 W
Rated Current	2.68 A
Rated Output Torque	200 N.m
Max. Lifting Height	6.0 m
Tube Rolling (mm)	Ø 60
Pulley	Ø 200



**BAFDM-360**

Model	BAFDM-360
Rated Voltage	220 V
RPM	10
Rated Input Power	1198 W
Rated Current	5.21 A
Rated Output Torque	360 N.m
Max. Lifting Height	6.0 m
Tube Rolling (mm)	Ø 60
Pulley	Ø 200



## FEATURES:

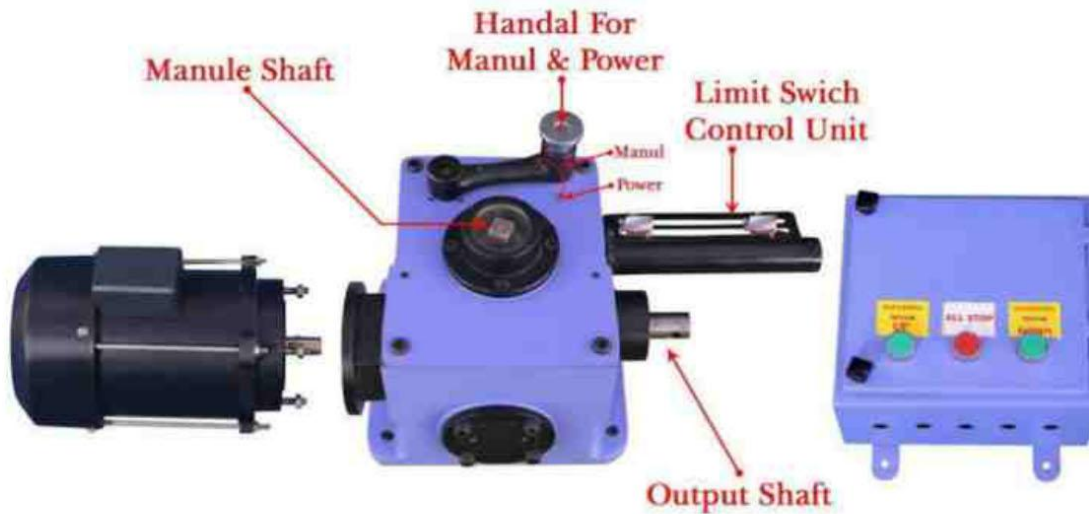
- Limit switch PVC cover color: Yellow/Black and follow with clients demands
- With break or without and easy installation
- The cable line is 5 meters and the wire line is 3 meters
- Operator with two motors for balanced roller shutter
- 100% Copper winding for long life
- Can operator manually in case of power failure





# AUTOMATIC ROLLING SHUTTER MOTOR

GEAR MOTOR FOR COMMERCIAL AND INDUSTRIAL USE



## BAKLP-0515

Model	BAKLP-0515
Rated Voltage	220-380 V
Output RPM	55
Capacity	0.5-2HP
Rated Current	5.21 A
Rated Output Torque	1200-2000 N.m
Max. Lifting Height	6.0-10 m
IP Protection	55
Unit Weight	38-40 kg
Door Speed	3.5m/min



## BAKLP-05

Model	BAKLP-05
Rated Voltage	230 V
Output RPM	52
Capacity	0.5 HP
Rated Current	1.1 A
Rated Output Torque	1200 N.m
Max. Lifting Height	4-5 m
IP Protection	55
Unit Weight	12-14 kg
Winding	Copper

## FEATURES:

- High Pressurized die casting aluminum alloy body
- Gear Operator for balanced roller shutter
- Crank Handle for manual operation in case of power failure
- Suitable for heavy industrial doors
- 100% Copper winding for long life





Engineering Works and Fabrications



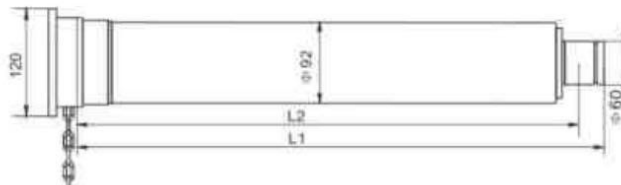
## AUTOMATIC ROLLING SHUTTER MOTOR

TUBULAR MOTOR FOR ROLLING SHUTTER

**Tubular Shutter Motor**



**Rapid Tubular Shutter Motor**



### Application:



Roller door



Industrial door



Sunshade

### Technical Parameters:

#### BA92-LT

Model	BA92-LT/230	BA92-LT/300
Rated Voltage	220 V	220 V
Output RPM	12	6
Power Consumption	570 W	620 W
Rated Current	2.59 A	2.80 A
Rated Output Torque	230 N.m	300 N.m
Running Time	4 m	4 m
IP Protection	44	44
Unit Weight	14 kg	16 kg
Tube Diameter	92	92

#### BA92-M10

Model	BA92-M10
Rated Voltage	220 V
Output RPM	40
Power Consumption	1000 W
Rated Current	2.5 A
Rated Output Torque	180 N.m
Running Time	4 m
IP Protection	44
Unit Weight	14 kg
Tube Diameter	92

### CONTROL SYSTEM AND WIRING OF MOTOR:



### Product Advantage:

- Mobile phone control
- Wireless Control
- Infrared and air bag protect function
- Automatic Closing
- Can be installed the external wall switch
- Can install with access control, radar, ground sensor system
- Can be integrated with password access controller
- ID card access controller can be set for automatic door open / close.





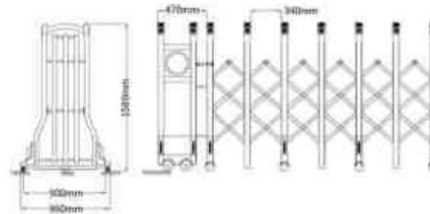
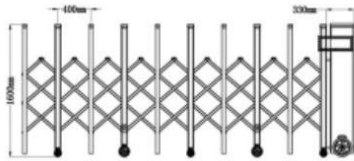
## AUTOMATIC RETRACTABLE GATE

### INDUSTRIAL RETRACTABLE GATE

Retractable Gates are very much Popular and used in Industrial and commercial places where there is lack of space for the gate to open.

Retractable Gates are suitable for large open spaces that require safety barriers for entrance and exit purposes. They can also serve as temporary barricades for the control of traffic flow. More

importantly, they eliminate the need to designate a sliding storage zone, a common feature of conventional sliding gates whereby single or dual track construction is necessary to ensure these gates slide within the required space. With the introduction of magnetic sensors, these Motorised Retractable Gates are able to run without any pre-embedded tracks.



#### Material Main Frames:

50.0\*35.0\*0.9-3mm Aluminium Alloy

Inner Slanting Frames: 45.0\*32.0\*1.0mm Aluminium Alloy

Side-line Decorative Stripes: 35.0\*08.0\*0.6mm SS202

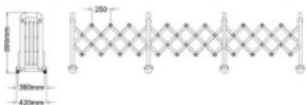
Gate Maximum Overall Length

With Track: Up to 30m

Trackless System: Up to 20m

Drive Mechanism	
Voltage	220VAC ±10%
Current	2.5A
Power	300W
Frequency	50-60Hz
Insulation	Class E
Operating Temperature	-40°C / +80°C
Humidity	≤90%
Speed	12-15m/min

## ROAD SAFETY BARRIER



Britech Provides Manual Retractable gates made with High Quality Aluminium Alloy for Crowd Management in Places such as Public Gathering, Events, malls Etc.

Manual Barrier comes with a standard Height of 0.8m & length of 3m or can be customised according to client requirement.

Being Light weight and portable these Gates can be shifted at work places when Required.



*Engineering Works and Fabrications*

## AUTOMATIC SLIDING GATE MOTOR

GATE MOTOR FOR SLIDING GATES

Made in Italy  
Made in Comunello



It's more than 50 years since founder, Vittorio Comunello, started on his pioneering adventure to build a company for the production of components for sliding gates. The company was an instant success and has maintained its reputation and market position based on innovative solutions and an unrivalled reputation for absolute quality.

50 years of precision in the manufacture of perfect components, maintaining pace with the evolution of the most advanced technologies while guaranteeing complete security and safety.

An engineering company founded in 1965 by Vittorio Comunello based in Bassano del Grappa. Now run by the second generation: Franco, Silvia and Luca.

Because since 1965 every single product is 100% made in Italy at Comunello Group premises. Because the company has always used certified control systems and materials of the highest quality for outstanding reliability and cast-iron guarantees.

**FORT600/1000-24V**



ARTICLE	FORT 600 24V	FORT 1000 24V
Voltage	230 VAC 50 Hz	230 VAC 50 Hz
Operating power supply	24 VDC	24 VDC
Power consumption	110 W	150 W
Max. absorption	5,0 A	6,2 A
Max. thrust	550 N	900 N
Duty cycle	Intensive use	Intensive use
Protection degree (IP)	IP44	IP44
Insulation class	2	2
Working temperature	-20°C / +50°C	-20°C / +50°C
Max. gate weight	600 Kg	1000 Kg
Rack module	M4	M4
Speed	0,17 m/s	0,17 m/s
Weight	10,6 kg	12 kg

In residential and industrial contexts, the actuators in the Fort line offer an attractive and intelligent solution. The integrated control unit provides access to a vast range of features including deceleration phase and operation time programming.

ARTICLE	FORT 1000 230V	FORT 1500 230V
Voltage	230 VAC 50 Hz	230 VAC 50 Hz
Operating power supply	230 VAC	230 VAC
Power consumption	340 W	460 W
Max. absorption	1.5 A	2.0 A
Max. thrust	900 N	1400 N
Duty cycle	Intensive use	50%
Protection degree (IP)	IP44	IP44
Insulation class	1(earthing)	1 (earthing)
Working temperature	-20°C / +50°C	-20°C / +50°C
Max. gate weight	1000 Kg	1500 Kg
Rack module	M4	M4
Speed	0,17 m/s	0,17 m/s
Weight	12 kg	12,4 kg



**BASE PLATE**



**LIMIT BLOCK**



**MECHANICAL  
LIMIT**



**UV RESISTANCE COVER  
NON-DEFORMATION &  
ANTI-DISCOLORATION**



**PRACTICAL**



Integrated control unit and LED Function setting and trimmer adjustment for easy programming and diagnosis

**MECHANICAL MADE IN COMUNELLO**



Perfectly-matching metallic receiver transmission gears. The motor support bearings guarantee quiet movement even under full load.

**SAFE**



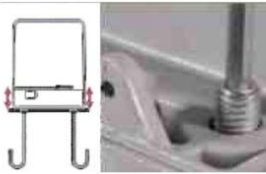
The irreversible motor protects the gate against any accidental or willful forcing. Easy Opening emergency release mechanism with key and aluminum handle

**LIMIT STOPS**



Versions with mechanical or magnetical or magnetic limit switches. Programmable automatic / semi-automatic limit switch, timer and speed reducer.

**FIXING**

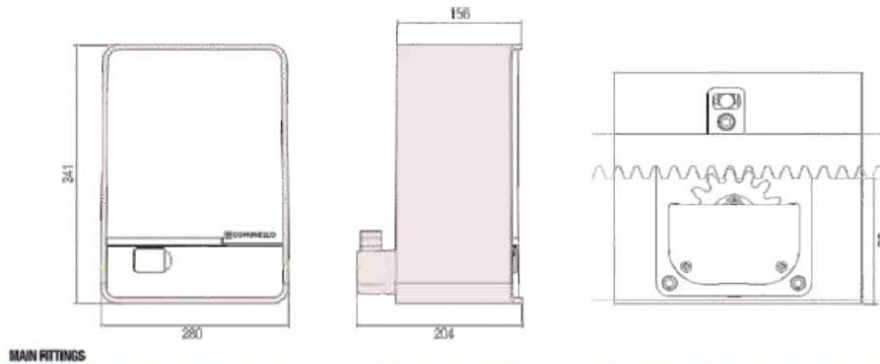


Height and plane adjustment with the fixing accessories provided.

**OBSTACLE TECTION**



Optional verions with encoder for more accurate and safer deceleration



**OPTIONAL ACCESSORIES**



**DART**  
Photocell 2



**VICTOR 2 RC**  
2 CHANNEL ROLLING CODE  
REMOTE CONTROL



**24V Battery  
backup kit**



**RFID System**



**Digital SWITCH WITH  
RADIO CONTROLLED KEYPAD**



**MAST 50 SLIM**



**FLASHLIGHT  
WITH PHOTOCCELL**



**Bluetooth APP  
Control Module**

## AUTOMATIC SLIDING GATE MOTOR

### GATE MOTOR FOR SLIDING GATES

Britech provide sturdy and reliable, cost-effective, silence operation and ideal solution for residential and industrial sliding gates use up to 4000 Kg. Both AC and DC electromechanical gate opener designed for different Usage



**BASL500DC**



Model	BASL500DC
Power supply	220V/50Hz, 24V
Motor power	150W
Maximum weight of gate	500Kg
Remote control distance	≥30m
Remote control mode	Single button mode / Three button mode
Limit switch	Electronic limit switch
Noise	≤60dB
Working duty	S2, 20min
Recording of up remote controls	25
Frequency	433.92 MHz
Working temperature	-20°C ~ +70°C
Gate moving speed	11-13m/min
Package weight	10Kg

BASL500DC Gate opener is applicable to gate weight less than 500kg, and length less than 12m. The drive mode adopts the rack and gear transmission. Motor with back up batteries makes it easier for operation in case of power failure. Motor has built-in alarm system which stops motor operation, when the battery has less than 30% power to save battery from draining completely

**BASL600AC**



Type	BASL600AC
Power supply	220V, 50Hz
Remote control range	≥30m
Max. gate weight	600Kg
Motor power	280W
Output torque	16N·m
Work duty	S2, 15min
Limit switch	Spring limit switch
Remote control mode	Three button switch
Frequency	433.92MHz
Noise	≤58dB
Extra remote control	25 (2 included)
Environmental temperature	-20°C~+50°C
Gate moving Speed	13m/min
Package Weight	9kg

The BASL600AC gate opener designed for residential use, weight up to 600 Kg & operating distance up to 8 meters. Motor has soft start, slow stop option. Powerful AC Motor makes the gate operation easy & smooth. Automatic stop when hitting obstacle during opening, auto-reverse when hitting obstacle during closing.

## BASL1000/1500AC



Type	BASL1000AC	BASL1500AC
Power supply	220V, 50Hz	220V, 50Hz
Remote control range	≥30m	≥30m
Max. gate weight	1000kg	1500kg
Motor power	400W	550W
Output torque	22N-m	32N-m
Work duty	S2, 20min	S2, 20min
Limit switch	Spring limit switch or magnetic limit switch	Spring limit switch or magnetic limit switch
Remote control mode	Three button switch	Three button switch
Frequency	433.92MHz	433.92MHz
Output shaft height	46mm	46mm
Noise	≤58dB	≤58dB
Extra remote control	25 (2 included)	25 (2 included)
Environmental temperature	-20°C~+50°C	-20°C~+50°C
Gate moving Speed	13m/min	13m/min
Package Weight	13KG	14KG

The BASL1000/1500AC Gate opener is suitable for Residential & commercial gates weighing up to 1500kg. Heavy Duty motor with advanced control unit with supports home automation, Bluetooth APP control, GSM module etc.

## BAPY2000AC



Type	BAPY2000AC
Power supply	380V
Remote control range	≥30m
Max. gate weight	2000kg
Motor power	750W
Output torque	40N-m
Work duty	S2, 20min
Limit switch	Magnetic limit switch
Remote control mode	Single button switch
Frequency	433.92MHz
Noise	≤60dB
Extra remote control	25 (2 included)
Environmental temperature	-20°C~+50°C
Gate moving Speed	10-13m/min
Package Weight	13KG

BAPY2000AC sliding gate opener is applicable to gate weight less than 2000kg, and length of the sliding gate should be less than 20m

## BASL3000AC



Type	BASL3000AC Industrial Oil immersed
Power supply	220V
Remote control range	≥30m
Max. gate weight	3000kg
Motor power	1200W
Output torque	65N-m
Work duty	S2, 20min
Limit switch	Magnetic limit switch
Remote control mode	Single button switch
Frequency	433.92MHz
Noise	≤60dB
Extra remote control	25 (2 included)
Environmental temperature	-20°C~+50°C
Gate moving Speed	10-12m/min
Package Weight	15KG

BASL3000AC gate opener makes the operation of heavy gates easy which is heavy to operate manually.

## BASL4000BP



Type	BASL4000BP
Power supply	220V
Remote control range	≥30m
Max. gate weight	4000kg
Motor power	1500W
Output torque	220N-m
Work duty	S2, 20min
Limit switch	ENCODER
Remote control mode	Single button switch
Frequency	433.92MHz
Noise	≤60dB
Extra remote control	25 (2 included)
Environmental temperature	-20°C~+50°C
Gate moving Speed	10m/min
Package Weight	18KG

BASL4000BP Sliding gate opener is applicable to gate weight less than 4000kg, and length of the sliding gate less than 12m. With BASL4000BP can operate heavy industrial gates easily.

## AUTOMATIC SWING GATE MOTOR

### GATE MOTOR FOR SWING GATES

Electromechanical actuators with telescopic rod for residential swing gates. For leaves up to 3 m (max. leaf weight 300 kg) and up to 500 kg (max. leaf length 1.5 m).



24 VDC

230 VAC

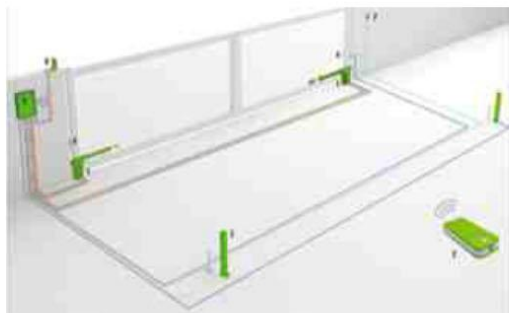
RAM 500

For Swing Leaves  
up to 5 m

Ram is a line of telescopic **reversible** actuators for swing leaves up to 5 m. With their excellent resistance to any weather and Comunello-made mechanical parts, these actuators are built to last. A simple and quick emergency release lever adds to the safety and reliability of the actuator. The use of standard screw-fixed support brackets makes these actuators extremely easy to install.



ARTICLE	RAM 500 24V	RAM 500 230V
Operating power supply	24 VDC	230 VAC
Power consumption	100 W	280 W
Max. absorption.	5 A	1,2 A
Max. thrust	1800 N	2000 N
Max stroke	524 mm	524 mm
Duty cycle	Intensive use	40%
Protection degree (IP)	IP44	IP44
Insulation class	2	1 (earthing)
Working temperature	-20°C / +50°C	-20°C / +50°C
Speed	22 mm/s	15 mm/s
Weight	17,6 kg	18,6 kg





**STRONG**



Monobloc die-cast aluminium casing and epoxy-powder coating for excellent resistance to any weather.

**MECHANICAL MADE IN COMUNELLO**



Perfectly-matching metallic transmission gears for maximum efficiency, precision, quiet movement and reliability.

**SAFE**



Irreversible motor. Easy-opening emergency release mechanism with die-cast aluminium handle.

**LIMIT STOPS**



Disc-spring closing limit switches guarantee a smooth return movement without overloading the operator.

**FIXING**



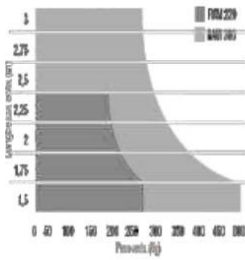
Stainless steel spindle and die-cast aluminium and zinc alloy front bracket for maximum reliability and durability.

**REVERSIBLE**

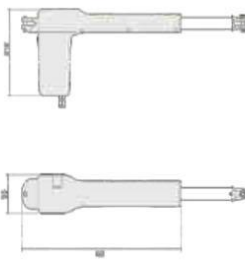


The actuator's symmetry and upper release mechanism allow the actuator to be assembled on both the left or right leaf.

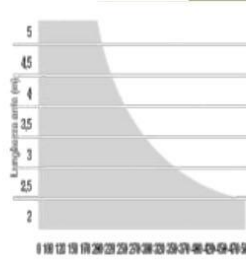
**OPERATING LIMITS**



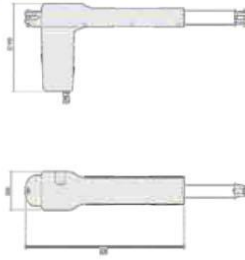
**SIZES OF RAM 300**



**OPERATING LIMITS**



**SIZES OF RAM 500**



**OPTIONAL ACCESSORIES**



**DART**  
Photocell 2



**VICTOR 2 RC**  
2 CHANNEL ROLLING CODE  
REMOTE CONTROL



**24V Battery  
backup kit**



**RFID System**



**Digital SWITCH WITH  
RADIO CONTROLLED KEYPAD**



**MAST 50 SLIM**



**FLASHLIGHT  
WITH PHOTOCELL**



**Bluetooth APP  
Control Module**

## AUTOMATIC SWING GATE MOTOR

### UNDER GROUND MOTOR FOR SWING GATES

Underground electromechanical actuators for residential swing gates. For leaves up to 3.5 m (max. leaf weight 350 kg) and up to 600 kg (max. leaf length 2 m).



**EAGLE**

24 VDC

**EAGLE** For Swing Leaves up to 3.5 m



Eagle is a line of in-ground actuators designed to provide a solution for projects and architectural designs which require completely clean lines. These actuators are extremely corrosion resistant, discrete and compact. Absolute security and reliability are guaranteed across the three models with lever or key release systems available internally and externally. Eagle actuators are practical and rapid to install, simple and intuitive to use. Optional versions with encoder are also available.



ARTICLE	EAGLE 24V	EAGLE 230V
Operating power supply	24 VDC	230 VAC
Power consumption	150 W	280 W
Max. absorption.	6,5 A	1,2 A
Torque	220 Nm	300 Nm
Duty cycle	Intensive use	50%
Protection degree (IP)	IP67	IP67
Insulation class	2	1 (earthing)
Working temperature	-20°C / +50°C	-20°C / +50°C
Encoder	-	-
Speed	0,1 Rad/s	0,08 Rad/s
Weight	14,5 kg	15 kg

### STRONG



Fully protected internal operator in die-cast aluminium crankcase. Metallic cable gland, fully resin-coated internally.

### MECHANICAL MADE IN COMUNELLO



Galvanized steel arms made by Comunello. Foundation box in cataphoresis-finish steel or stainless steel.

### SAFE



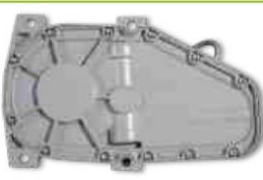
Manual unlocking system in the versions with key, key and leverage and leverage.

### LIMIT STOPS



Versions with mechanical and electromechanical limit switches. Programmable automatic/semiautomatic limit switch, timer and speed reducer.

### FIXING



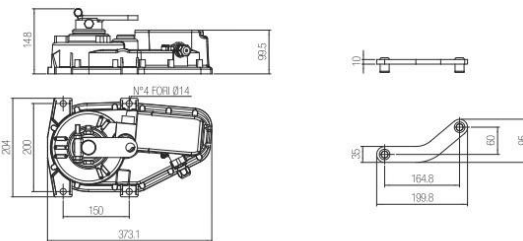
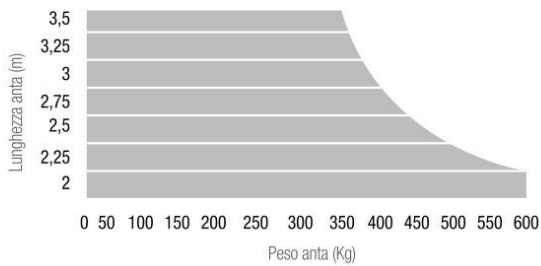
Stainless steel screws for greater corrosion resistance.

### OBSTACLE DETECTION



Optional versions with Encoder for more accurate and safer deceleration.

### OPERATING LIMITS



### OPTIONAL ACCESSORIES



**DART**  
Photocell 2



**VICTOR 2 RC**  
2 CHANNEL ROLLING CODE  
REMOTE CONTROL



**24V Battery**  
backup kit



**Digital SWITCH WITH**  
RADIO CONTROLLED KEYPAD



**MAST 50 SLIM**



**FLASHLIGHT**  
WITH PHOTOCELL



**Bluetooth APP**  
Module

## AUTOMATIC SWING GATE MOTOR

### GATE MOTOR FOR SWING GATES

Auto swing gate motors have been prevalent in the west for the last decade and now it's popularised in India. Consists of two extended, synchronized, arms that are attached on the two flaps of your existing swing gate.

Automatic swing gate kits for residential, commercial gates. **Britech** has kits for double or single swing gates. We also stock solar kits for automatic swing gates.

All our automatic swing gate kits use the digital operating system. Owners, installers and technicians all benefit with intelligent features, low running cost, easy setup, secure and a guarantee that all future features and accessories can easily be installed with a simple software update.



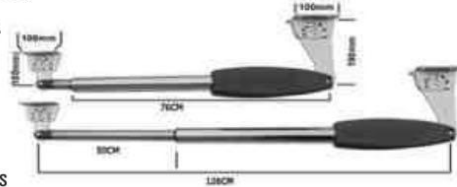
**BAKMC02** Dual Arms Heavy Duty Swing Gate Operator is designed for residential/commercial applications. This Dual Swing Motor will handle dual swinging gates up to 5-7meter(2.5-3.5meter per leaf) in length and weighing up to 600-700KGS.(300-350KGS per leaf) ,with the worm metal gear drive, low noise, all metal material shaft sure the long use of the motor, with automatic clutch function, can continue open/close 38000times according Italian professional manufacturer's test.

Britech Swing Gate Opener BAKMC02 has a powerful 24VDC motors, which provide exceptional starting torque and features soft start/stop operation. This promotes longer gate and operator life, as well as dependable performance. All the gate openers supplied are pre tested and of good quality long lasting and have a 12 Months back to base warranty on the complete system.



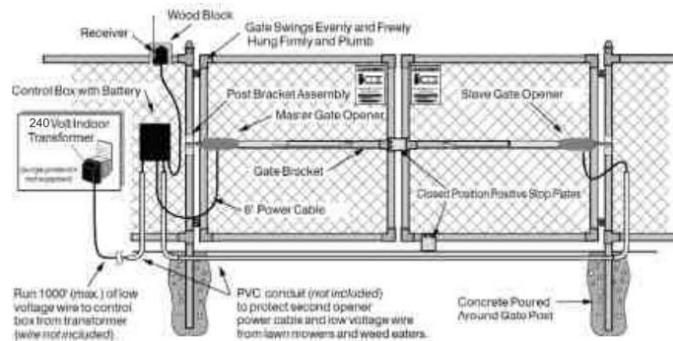
## FEATURES

1. Operates on Remote/switch, it can be integrated with Home Automation system and almost any access control system (RFID, Video door Phone, Bluetooth Module, Biometric etc)
2. Full set use stainless steel alloy material & have water-proof function.
3. Working Life of the system is 4-5 years with regular maintenance.
4. Auto closing gate delay time adjustable.
5. Photocell - automatic return for resistance during closing gate.
6. It's a DC motor so the motor doesn't get heated even with intensive use
7. With new wireless keypad the gate only operates with password set by you(optional).
8. Automatically locks the gate and can only be operated by remote and with key provided for manual operation.
9. With Variable Speed and force control.
10. In-built obstruction detection & Over current Setting.
11. Photocell Sensors reverses the Gate in opening on obstruction.
12. Soft start / Close.
13. External Battery backup makes Gate Operation easier in case of Power Failure.
14. The control Unit is integrated with the option of connecting Solar panel for gates installed in remote areas where there is lack of Electricity.



## ELECTRIC SWING GATE OPENER KIT INCLUDES:

- 2 x Heavy duty DC motor that are pre-wired with motor cables
- 2 x Override spanners
- 2 x Remote controls
- 1 x Control panel
- 2 x Post mounting bracket
- 2 x Gate mounting bracket
- 1 x Rubber Gate Stop
- 1 x Instruction manual



Reference	Value
Motor voltage	24VDC
Motor Power	60W
Motor RPM	300 RPM
Input power	220VAC±10%
Arm actuation speed	2.4 cm/s
Arm's max travel	300-400 mm
When Gate is Obstructed	Gate Reverses
speed control adjustment	Yes
Single or Dual leaf open	Yes
Soft start and slow stop	Yes
Adjustable opening /closing time	Yes
Manual Release	Yes
Max singleleaf length	2.5-3.5meters
Max Gate Open angle	110 degree
Environment Temperature	-20°C ~ +50°C
Max gate open angle	110 degree
Max singleleaf weight	350 KG
Protection Class	IP55
Package	Set in one carton box
Dual Swing Gate Gross weight	17.5kg

## BA-23AC

Heavy Duty Swing Gate Arm Motor for Residential & Industrial Gates which are heavy to be operated by hand. Britech Motor is Made of High Pressure Die Casting Aluminium Alloy material for great Strength and longevity of the Product. These motors can be used for Gates size of 1.5m upto 1000kg and 3m up to 500kg.



## TECHNICAL SPECIFICATION

Product Name	Gate Opener/Linear Gate Opener/Automatic Dual Swing Gate Motor
Model	BA - 23AC
Input Voltage	230V
Max gate weight	600 - 1000kg
Motor Speed	1400/min
Travel time	15SEC
Limit switch	Adjust the opening angle inside the motor
Noise	<55dB
Working Temperature	-5 ~ +65°C
Protection Class	IP44
Certification	CCC CE

## FUNCTION AND FEATURES:

- Soft start and soft stop
- Emergency release key in case of power failure
- Dual/Single gate running mode
- Adjustable opening/closing interval between master and slave gate
- Stop/Reverse in case of obstruction during gate opening/closing.
- Built in adjustable auto-close (0-99 seconds)
- Built in max. Motor running time (MRT) adjustable for multiple safety protection (1-50 seconds)
- Digital display indicates the running situation and setting menu
- Reliable electromagnetism limit for easy adjustment
- Can be equipped with a wide range of accessories.



High Pressure Die Cast Aluminium Body



Easy Connection System



Easy Manual Release

## BA-25AC

BA25AC series electro mechanic articulated arm gear motors from **Britech** make it easy to automate swing gates with large pillars. This gear motor features a fast installation and a substantial reduction of the setting time. The long-lasting materials used for the construction will accept an enduring use.

The apposite optional accessory allows the geared motor to be unlocked from the external easily and securely. The electronic Control unit have all the features and the functions to meet the European Normative regarding security for the automation



Articulated Arm



Heavy Duty Motor



Mechanical Limit

## FUNCTION AND FEATURES:

1. Fastening plates and articulated arm made of galvanised steel.
2. Maximum sturdiness and durability.
3. For gates up to 2.5m and 300kg per gate leaf.
4. Single type for left and right gate leaf.
5. For the professional sector.
6. For residential use.
7. Grease lubrication.
8. Easy installation.
9. Modern and attractive design that fits well with any type of gate.
10. Easy manual release

## TECHNICAL SPECIFICATION

Product Name	Heavy Duty Articulated Automatic Swing Gate Opener
Model	BA-25AC
Power of Motor(V)	24V DC
Current (A)	15
Max.Power(W)	180
Opening time 90 ° (S)	16-45
Max.Torque	470
Operation Temperature ( °C)	-50 °C ~+55 °C
Max.Width of Gate (m)	3
Max.Weight of Gate (KG)	600
Protection Class	IP54

## BA-860DC

Unlike Other Swing Gate Motors, Swing Gate Roller Motor Offer you more Open angle without any Limitation.



BA-860 series model from Britech are suitable for residential & commercial with intense usage.

### PRODUCT ADVANTAGES

	Wheel type	Arm Type	Buried Type
Installation	Easy, can be DIY	Difficult	Difficult
Install Type	Bottom position in the middle of the gate	Wall -mounted	Buried underground
Opening Angel	No limitation	110 °	180°
Max. Gate Weight	All gate s can be pushed manually	300kg/single leaf	300kg/single leaf
Max. Gate Width	No limitation	5 meters	4 meters
Lock Way	Locked automatically when completely closed	Need extra lock	Need extra lock
Wind Resistant	Good	Bad	Common
Water Resistant	Good	Common	Bad
Security Level	Good	Bad	Bad
Artificial Damage	Hard to damage	Easy to damage	Easy to damage
Maintenance	No need	Need	Need



DC Motor



Transmission Gear

### FUNCTION AND FEATURES:

1. Anti-collision design: when the door body travel is completed, only after press reverse key, the motor can be activated so that the over-travel can be avoided
2. Motor time protection: Avoid long time running when travel failure, the time set to 2-90 seconds.
3. Auto close function: the time can be adjusted from 1 ~ 120 seconds.
4. Motor force adjustment: motor running force can be adjusted in separate. When barrier blocks, the door stops travel in case of clamping people or object.
5. Motor running speed adjustment: the running speed of the motor can be adjusted.
6. High security D33 with remote control functions: sensitive remote control, far remote-control distance, strong anti-interference, and adopt the most advanced jump code technology, higher security and confidentiality compared with the traditional remote controller now on the market (with 6561 groups of code number). The password number up to 1000000 groups and cannot be cracked.
7. Anti-clamping function: when barrier blocks the infrared rays, the door stops travel and moves reversely in case of clamping people or object.
8. LED display fault detection: it is easy to use and maintain through LED screen.



Suspension Springs



Control Unit

Product Name	Roller Swing Gate Opener
Model	BA-860DC
Input Voltage	220V
Motor Voltage	DC24V
Environment Temperature (°C)	-50 °C ~ +50°C
Remote Distance	50m
Push Force	600N
Speed	10-15m
Weight	23kg
Drop Off Tolerance	0-300mm
Weight	23kg/Cartron package



## HIGH SPEED DOOR

### INDUSTRIAL HIGH SPEED ROLL UP DOORS

High-speed doors are Door systems, mainly used in industrial applications. They are technical enhancements of the generally known sectional doors, PVC fabric doors or **Roller Shutter**. The main difference is that the durable construction provides a higher operating speed and they are able to sustain a higher number of cycles (opening and closing cycles) and require lower maintenance and repair cost. Depending on the intended field of application, horizontal or vertical operating door types are available.

Britech revolutionary line of high-speed doors is designed with these efficiencies in mind to bring your workflow to its high potential. Known for high speed, low maintenance, and maximum uptime, **Britech** doors offer the industry's widest range of solutions to fit your every need.



### APPLICATION

**High-speed** doors are usually used wherever goods traffic occurs and where the doors have to fulfill special requirements. In the food and beverage industry, or Medical industry for example, special climatic conditions have to prevail; short opening and closing times reduce cooling loss, avoid airflow and enable a smooth operating procedure. They can also be designed in larger dimensions for the mining and aircraft industries.

**Beverage industry:** Intelligent airlock solutions can be achieved by means of high-speed doors. Two doors with highly transparent laths gives a clear view throughout. Pressure and temperature differences can easily be controlled by an airlock where the transporter enters the airlock, and the one door cannot be operated before the other has closed. This is also used in security applications.

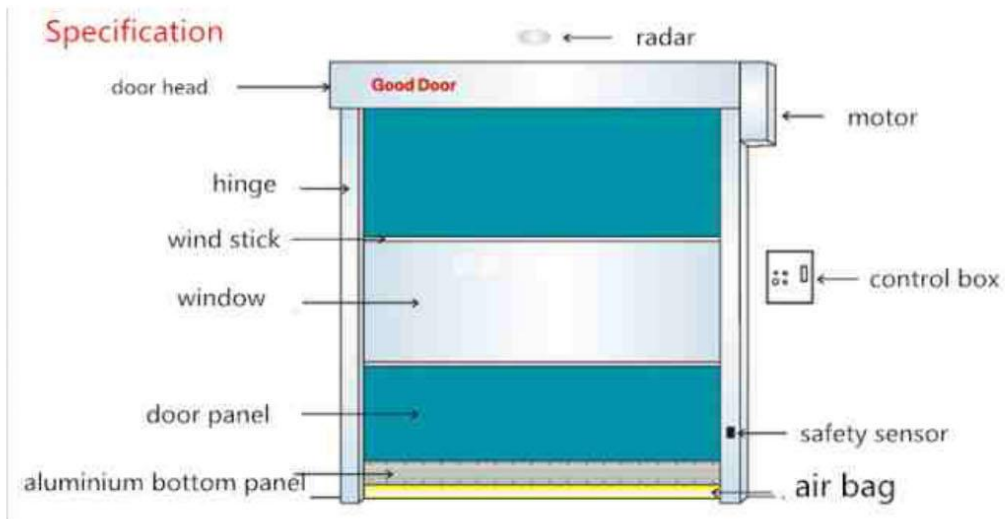
**Food, clean, and pharmaceutical processes:** In the strict environmental constraints of pharmaceutical and aggressive environments of the food processes, where hygiene is imperative, doors must not only provide a structure made of stainless steel or composite materials to prevent corrosion, but they must also ensure an exposure time as short as possible to reduce the risk of airborne contamination.

**Car manufacturing industry:** The automotive industry is an industry where high-speed doors are well known. High volumes of cars are produced in short periods of time. High-speed doors are vital for the logistics processes, high speed and low maintenance ensures optimum production. Special high-speed folding doors are used on the dynamo tuning cells.

**Profitability:** High-speed doors may increase the efficiency of many companies. High opening speeds minimize the waiting time in front of the doors and thus accelerate the logistic processes, and control temperatures and pressure differences while saving energy, isolating clean areas from airborne contamination but still optimizing traffic flow.

**Refrigeration:** Refrigerators require an easy transfer between different zones of temperature and humidity. High-speed doors work in order to best ensure the most comprehensive maintenance of temperature in a refrigerator through the latest technologies available. The easy temperature transition from zone to zone is blocked by technologies designed for this sector. In this case is very important the flexibility and rapidity of high-speed doors.

**Chemical Factory:** Design requirements for explosion-proof electrical equipment are dispensed by ATEX legislation, which reports the levels of the electrical standard requirements complying conservative prescriptions. In places where men work with highly volatile and flammable products, the best advice is to rely on a manufacturer of rapid flexible doors, guaranteed and reliable. Pneumatic components react quickly in complete safety.



## COMPONENTS

### PVC Curtain (SIOEN fabric)



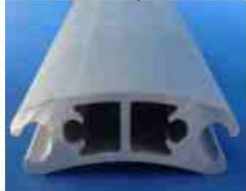
1. France Sioen Curtain
2. Thickness: 0.8mm
3. PVC Material
4. Maximum Resistant Cold Temperature:  $-40^{\circ}\text{C}$

### Transparent Curtain



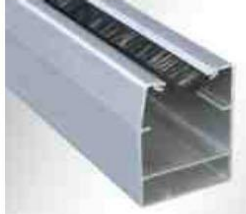
1. Type of Transparent Door Curtain
2. Thickness: 1.5mm
3. PVC Material
4. Surface smooth & Flawless
5. Good at Visual transparency

### Wind Proof Strip



1. Reinforced Industrial Aluminum Wind-Proof Strip
2. Thickness: 3.0mm-5.0mm
3. Low Maintenance Cost

### Aluminium Side Guide Channel



1. High Quality Aluminum Material
2. Thickness: 3.5mm
3. Track / Insert / Brush Strips Assembled

### Big Beam Pipe



1. Thickness : 2.5mm
2. Material: Steel
3. Surface : Oil surface
4. Size Specification: According to Door Size

### Side Bearing



1. Professional wear Resistant Bearing
2. Heavy duty

### Galvanized Side Channel



1. Galvanised Steel Material
2. Thickness: 1.5mm
3. Track/Brush strip Assembled

### German Grand Construction Motor



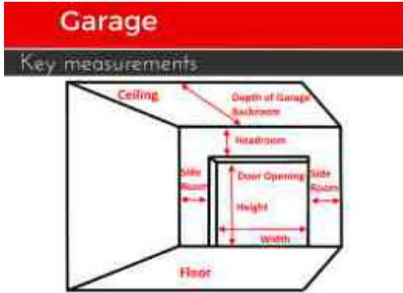
1. Motor 0.75KW With Reduction Gear Ration 1:10
2. Motor 1.5KW with Reduction Gear Ratio 1:20

## SECTIONAL GARAGE DOOR

Sectional Garage Doors are rapidly growing as one of the most popular choices of garage door in the India. Their strength, safety and security are just some of the many benefits that justify this popularity. They are known as 'Sectional' doors due to their construction, being made of separate sections which open vertically. This means that sectional garage doors can be installed on almost every shaped opening (rounded, arched etc.).



## BENEFITS AT A GLANCE...





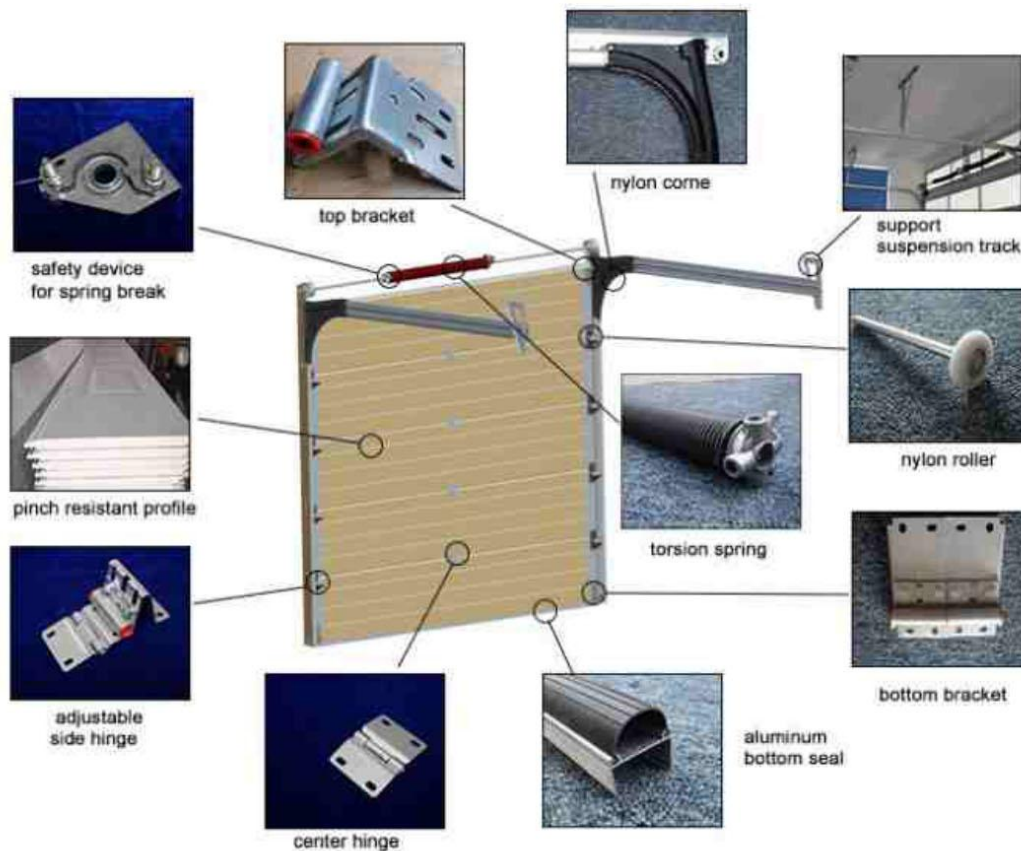


Engineering Works and Fabrications

## CONSTRUCTION

Most sectional doors are **double skinned as standard**, with panels filled with **insulating foam 40mm to 45mm thick**. These sections are generally constructed from galvanized steel for strength and longevity. The efficient and impressive construction of sectional door provides strength and stability not possible in other doors, even in larger than normal sizes. As a result, significantly larger garage openings can be accommodated through the use of a sectional door.

## PRODUCT DETAILS



## SPACE SAVING SOLUTIONS

Sectional garage doors open and close vertically, meaning space around the opening can be utilised. This is **perfect for shorter garages or driveways**, allowing vehicles to be parked up against the door without needing space to 'swing out' when opening the door. The door panels curve upwards over the opening and then back into the headroom of the garage. When fitted and specified accurately, unlike other garage door types, a sectional can offer full drive-through height and width. This is an ideal solution for garages that require large vehicle access, or have limited access dimensions.



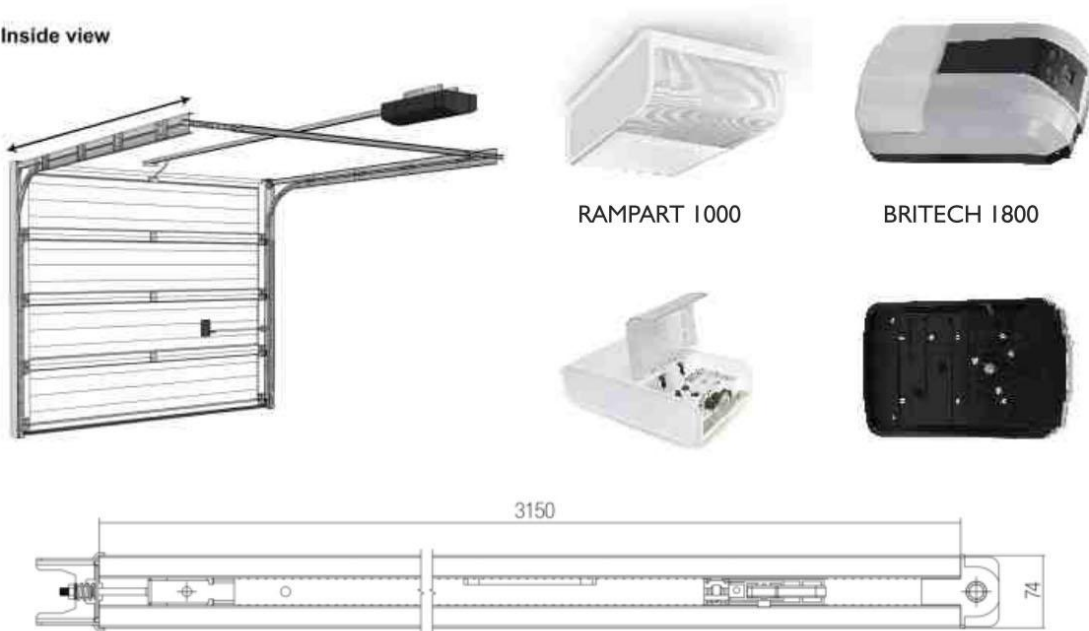
## GARAGE DOOR MOTOR

Two lines of electromechanical actuators suitable for use with overhead, sectional spring-loaded or counterbalanced garage doors & Side Sliding Residential Garage Door.

**Security and precision** are guaranteed by features including **obstacle detection** and monitoring of motor power absorption during use.

These actuators offer slowed start and stop during opening and closing as well as **durable, quiet** Copper metal gearings.

Inside view



	RAMPART 1000	BRITECH 1800
Voltage	24 VDC	24VDC
Operating power supply	230 VAC	230 VAC
Power consumption	150 W	100W
Duty cycle	Intensive use	Intensive use
Protection degree (IP)	IP20	Ip20
Insulation class	2	2
Working temperature	-10°C/ +50°C	-20°C/ +70°C
Speed	100 mm/sec	120mm/sec
Weight	6 kg	8kg
Door Area	11 Sq.m	28 Sq.m

## POLYCARBONATE ROLLING SHUTTER

### TRANSPARENT SHUTTERS FOR MALL / SHOWROOM

**Britech** Offers Crystal-clear Polycarbonate Shutters. Our polycarbonate shutters offer in excess of 90% visibility, combining great looks with exceptional strength. With a huge variety of applications, our shutters are used everywhere from the Shopping malls to Duty Free shops in Airports etc

Crystal-clear Polycarbonate Shutters are accepted nationwide by local authority town planning & regeneration departments. They are suitable for town centres where visibility is needed, 24hr product display is essential & planning constraints are stringent. Our shutters are 100% recyclable and have the lowest carbon footprint in their class.



Polycarbonate range of shutters is a transparent roller shutter system that is fully custom built and delivered ready to use. They are ideal see-through barriers for shop fronts, counter tops and terrace fronts. Individually manufactured to specification in our own factory for guaranteed quality.

**Britech** incorporates more than 6 years of development experience. From its original design to its current implementation, our product has undergone several phases of technological development. All our shutters combine the transparency and strength of polycarbonate with a compact and reliable roller shutter technology. Optimum vision with minimum internal fitting sizes are the key features of the system.



Polycarbonate Slats(2mm)



Bottom Slats (1.8mm)



End Caps(PVC)



Connector (2.5mm)



Side Guide(2.5mm)

## ALUMINUM ROLLING SHUTTER

### ALUMINUM SHUTTERS FOR GARAGE DOORS

Roller shutters are permanently exposed to the elements. A big challenge, particularly in view of climate change: extreme situations, such as heat waves, storms and changing weather patterns. These places increase in demands on materials and building facades. Aluminium provides an advantageous, high grade material that guarantees durability and longer product life. It also retains its shape and colour better than PVC. Aluminium Alloy Roller Shutter End Slat for Door.

**Britech** Aluminum is Produced with high-tech extrusion lines from the best producer of Aluminium in Industry. T5 heat treatment is the simplest option for our products. They are naturally air-cooled and are then artificially aged at an elevated temperature. T6 heat treatment is cooling with cold water to meet the hardness requirement.



Britech Offers 50mm Aluminium Shutter Slats filled with Polyurethane Foam, these Slats are used for Soundproof and weatherproof Conditions. These slats are Powder Coated in White Colour and Wooden Grain Colour which gives good look to the Door. With single bar in the Slat gives a good strength to the Shutter.

77mm Aluminium shutter slats are Hollow and Double Layered with a single bar and 77mm Single Layer slats. These shutters are suitable for applications where aesthetics is more of focused. Shutter can be driven with side, Tubular, centre, Gear Motors.



**Powder Coating**



**Wooden Grain**

Function	Sunshade, thermal insulation, energy saving, etc
Infilling	Polyurethane Foam
Slat color	White, Wood Grain etc
Noise performance	Noise level GB/T16730, Rw=20dB
Door size	2m -5.6m
High foam density	65kg/m <sup>3</sup>
Saves energy	35% -45%
Slat Height	50mm, 77mm
Aluminum alloy Thickness	0.8mm -1.2mm
Material	Aluminum alloy





Engineering Works and Fabrications

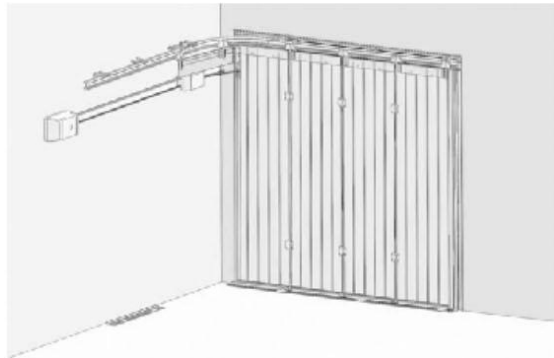
## SIDE SLIDING GARAGE DOOR

### RESIDENTIAL SECTIONAL SLIDING DOOR

Sectional doors provide a graceful vertical opening ensuring more space is given inside and outside of the garage. Side sectional door is intended for special fitting situations, in contrast to an up-and-over door, sectional door or roller garage door, this type of door opens to the side instead of upwards. This is especially advantageous if, for example, the garage ceiling has to remain free to store items (e.g. a surfboard, ladders) or the door leaf cannot be stowed underneath or fixed to the ceiling due to construction reasons (sloped roof, low lintel or obstructive drainpipes).



**Britech** Uses Customized top Bearing for hanger Track and laser cut Guide tracks which makes the door run Smoothly



### SECTIONAL SLIDING GATES:

Sectional Sliding Gates are a great alternative to swing gates where higher security levels are required and where there's not enough space for a standard sliding gate to slide open. Swing gates are easily pushed open in a double configuration and when there are not extra locks fitted.

When a sectional gate is used with a sliding gate motor it is locked secure when closed and can't be moved. These gates are visibly appealing and draw quite a bit of attention.

Using Customized Galvanised Rotational Wheels with Sealed bearing makes the gate to work smooth and easy.





## AUTOMATIC GLASS DOOR OPERATOR

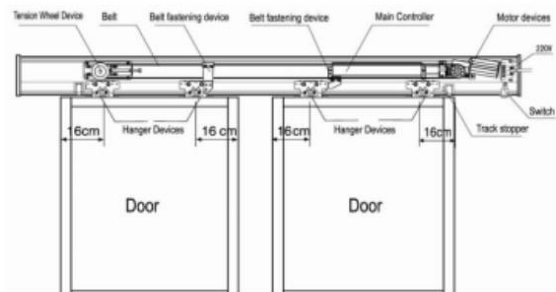
DOOR OPENER FOR SLIDING GLASS DOOR



### IT IS AN ERA OF AUTOMATION

Presently the lifestyle of any individual keeps them busy and occupied in their daily schedules, which can be eased with the help of some automation. Automatic doors ensure decreased overhead costs, increased productivity, consistency, reliability and security. Automation is having technology do things for you repeatedly with precision and assuring safety. Automatic sliding doors definitely help in saving time, money and energy.

**Britech** offers the best in quality Glass Sensor Opener from the World Class manufacturer of German Dunker Motor.



## BA-E150A



### FLEXIBLE & SIMPLE

Door operator is widely used in Commercial places such as Hospitals, Malls, Showrooms, Corporate offices etc where the visibility is 100% for the movement.

It adopts 24V Brushless motor to Drive, belt & Carriage to transmit, which can Promise the working smoothly & because of its design, it is very Simple to Install Program.

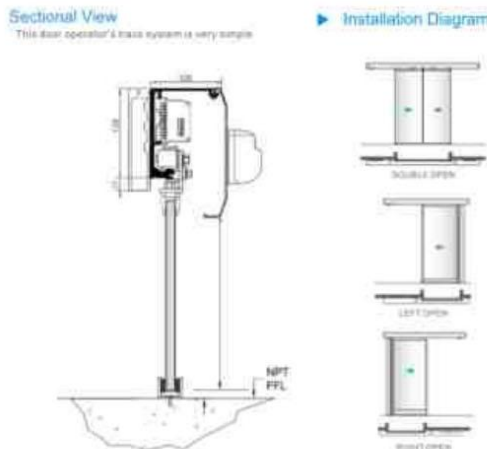


### INTELLIGENT & SAFE

Controller adopt 16-bit microprocessor to control & Program the working. It can basically realize its smart working, Automatic reverse when Someone block the door & it can keep working when someone opens it violently, meanwhile door can work if connected with Batteries or UPS in case of Power Failure.

### FEATURES

- Intelligent control by microprocessor & advanced Machinery manufacturing.
- With intelligent control system, its various parameters can be flexibly adjusted.
- With ultra-Low Noise Power unit, it is also simple and Convenient to Install.
- Dc brushless motor with Reduction gear Box at high Torque.
- Solo Terminal for Access Control System.
- Equipped with full-function remote control device.



PROGRAM SWITCH	
PROGRAM	ACTION
LOCK	The door will keep close and don't work automatically. Whenever, it works with master lock, you can't open it by hand.
AUTOMATIC	If a person or an object enters the range of the detector, the door opens to full opening width and closes on expiry of the preset hold open time.
PERMANENT OPEN	The door opens at low (speed) speed to its full opening width and remains in this position until another function is selected.
INITIAL OPEN	If a person or an object enters the range of the detector, the door opens to the preset partial open width and closes on expiry of the hold open time.
EXIT ONLY	Only the external detector is deactivated, the door is only accessible from the inside (e.g. fire-exit function or close of business).

Door Profiles	BA-E150A	BA-E150B
Open width (single open)	700-1200mm	700-1200mm
Open width (double open)	600-1200mm	600-1200mm
Max. weight (single open)	1 x 150 kg	1 x 150 kg
Max. weight (double open)	2 x 125 kg	2 x 125 kg

Technical Data	
Control Unit	Intelligent microprocessor control
Parameter adjustable	●
Open Speed	15-45mm/s
Closing speed	15-45mm/s
Manual force/move	45N
Hold open time	0-30s
Profile Height	125mm
Profile depth	67mm
Start Power	230V/50Hz / 110V/50Hz
Max. current	14.5A
Profile material	6063-T5 alloy aluminum
IP rate	IP21
Mount temperature	-20°C to 50°C

Microprocessor	
Microprocessor control	●
Program switch	
LOCK	●
Automatic	●
Permanent Open	●
Partial Open	●
Exit Only	●
Self-learning	●
Restart	●
12V Access control system interface	●
2FF output for external loading	●
Protector	○
Electro-mechanical Lock	○
LIPS	○

● =Standard    ○ =Option

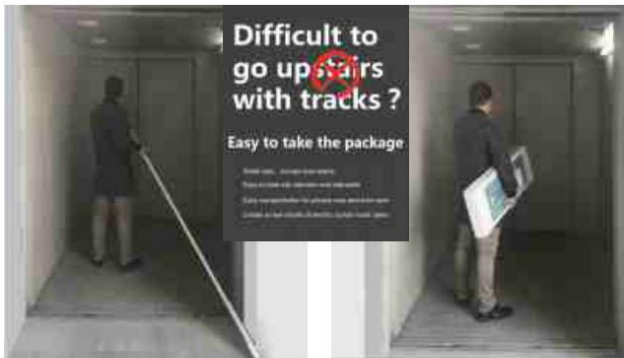
# AUTOMATIC CURTAIN

## MOTORS FOR WINDOW CURTAINS

### Curtain Motors

Its an Era of Automation where all home appliances such as Automatic Gate, Doors, Window Curtains & Blinds etc are controlled via Remote/APP.

Unlike old systems Britech Introduces Curtain System that are Easy to Carry & can be assembled/disassembled easily.



**Difficult to transport?**  
Suite products, convenient to transport



### Self assemble length

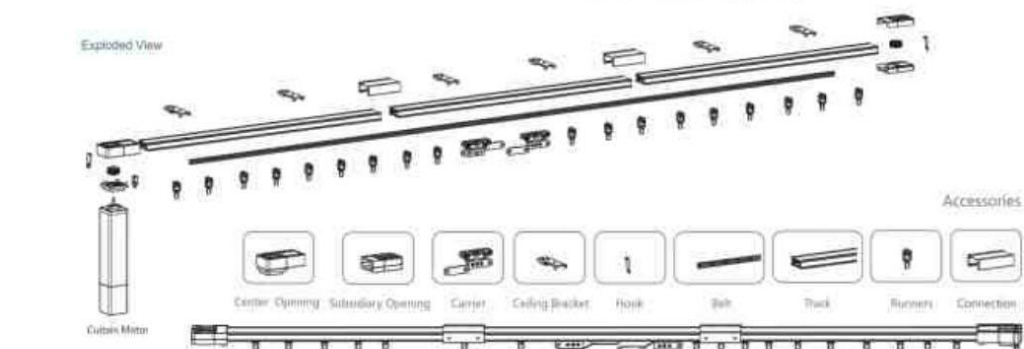
Bit Forward To Customized Track  
DIY Connect The Tracks At Home By Yourself  
Assemble Track Length-Freely  
Weatherproof Collector Production



### The solutions of intelligent curtain model

Track length	Length of track (mm)	Track (mm)	Length of adjustable equipment								Solution size	
			100	150	200	250	300	350	400	450		
2.2m	2200	22										1.25m
2.5m	2500	22										2.2m
3.0m	3000	22										3.0m
3.5m	3500	22										3.5m
4.0m	4000	22										4.0m
4.5m	4500	22										4.5m
5.0m	5000	22										5.0m

Remark: 1. The track with length of 100mm - 200mm, 400mm adjustable track, 200mm; 2. The track connection use screwdriver for adjustable track, please take notice notice that the screwdriver should be inserted on the head of the track base; 3. Custom is convenient like opening/tracker, 90 degree angle.





## AUTOMATIC BOOM BARRIER

### BARRIER FOR ENTRANCE

Boom barrier, also known as a boom gate, is a bar, or pole pivoted to allow the boom to block vehicular or pedestrian access through a controlled point. Typically, the tip of a boom gate rises in a vertical arc to a near vertical position. Boom gates are often counter weighted, so the pole is easily tipped.



Britech Barriers are the best Product in Market, **Britech** Focuses on Quality of Material and Technology used in making Barrier. Chosen from the world class Barrier Manufacturing company the barrier is easy to Install. With the DC brushless Motor the barrier never gets Heated up & stops like Traditional Ac barrier. With the 24V Batteries as Power Back up Supply our barriers can work 300-400 Open/Close Cycle in case of power Failure.

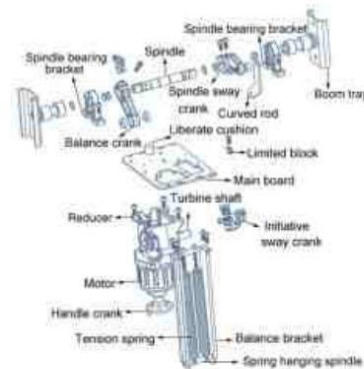
### FUNCTION AND FEATURES:

- 1) Operating Speed can be Adjustable according to Boom Length.
- 2) Arm direction can be quickly interchanged.
- 3) Barrier Gate Up & down signal relay switch output.
- 4) R&G traffic light relay switch signal output.
- 5) External loop detector signal anti- smashing interface.
- 6) Infrared signal anti-smashing Interface.
- 7) Count Mode Interface.
- 8) Arm swing out function, when Vehicle hits the Boom, the arm swings out to avoid further damage.
- 9) High-sensitivity arm auto reverse function (sensitivity can be adjusted)
- 10) Parking System interface.



### TECHNICAL DATA

Power Supply	220V/24V
Working Temperature	-35°C +15°C
Open/Close Speed	1.25Sec- 6sec Adjustable Depending on Arm length
Rated Current	8.58 A
Rated Power	140W
Motor No-Load Speed	1850 RPM
Rated Rotating Speed	1400 RPM
Output Power	56.8 N.m
Humidity	90%
Remote Control Distance	100m
Protection Grade	IP44
Max Boom Length	6m





## ACCESSORIES DATA



### Automatic Wireless Photozell Sensor

#### I. Technical Specification

1. Working voltage: 12~24VAC/DC
2. Working current(24VDC): emitter: ≤15mA receiver: ≤30mA
3. Photocell wavelength: 940nm
4. Angle of opposite emission: ≤±5°
5. Receiver range: ≥15m
6. Internal Rotation system adjusted Angle: 0°180°
7. Working temperature: -20°+60°
8. Relay contact loading capacity: 1A/30VDC
9. Waterproof grade: IP54
10. Size: 127\*50\*28mm



### Automatic Wired Photozell Sensor

#### II. Technical Specification

1. working voltage : 12-240VAC /DC
2. Loading capacity : <3W
3. Flicker Frequency : 1HZ
4. Working temperature : -20°~+60°C
5. IP Level: IP54
6. Size : φ76\* 125mm



### Photozell with LED flasher

#### III. Technical Specification

1. Working voltage: 12~24VAC/DC
2. Working current(24VDC): emitter: ≤15mA receiver: ≤30mA
3. Photocell wavelength: 940nm
4. Angle of opposite emission: ≤±5°
5. Receiver range: ≥15m
6. Internal Rotation system adjusted Angle: 0~180°
7. Working temperature: -20°C~+60°C
8. Relay contact loading capacity: 1A/30VDC
9. Waterproof grade: IP54
10. Can connect external flash lamp signal (12V-24VAC/DC), LED can flash.
11. Size: 127\*50\*35mm



### Flash / Warning Lamp

#### IV. Technical Specification

1. working voltage : 12-240VAC /DC
2. Loading capacity : <3W
3. Flicker Frequency : 1HZ
4. Working temperature : -20°~+60°C
5. IP Level: IP54
6. Size : φ76\* 125mm



### Wireless Keypad

#### V. Technical Specification

Power:6Volt DC  
 2PCS CR2032 Li battery  
 Battery life:1 year (4 times operation every day)  
 Frequency:433.92MHz+/-75KHz  
 Transmitter power:1Mw  
 Data format: standard  
 Work temp: -20~+55°C  
 Password number:0-8  
 Waterproof level:1p54  
 Dimension:85\*75\*35mm  
 Weight:150g



### Wi-Fi Camera Controller

#### VI. Technical Specification

Model Number: BW-100  
 Name: Security monitor camera control centre for door control  
 Model: BW-100  
 Application: smart door  
 Power Supply: DC5V/1A 1W/2W (infrared clock/open)  
 Phone systems supported: Android and IOS  
 Network Connection way: cable or WIFI  
 Control quantity: 1 module controls 8 doors maximum  
 Pixel and resolution: 2 million pixels,1080p  
 Night vision distance: less than 8m



### GSM Module Gate Opener

#### VII. Technical Specification:

Model: RTU5024  
 GSM Frequency: 850/900/1800/1900MHz  
 Digital Output: NC/NO dry contact, 3A/240VAC  
 DC Power Supply: 9-15VDC/2A  
 Power Consumption: 12V input Max. 50mA/Average 25mA  
 SIM Card: Standard SIM Card  
 Antenna: 50Ω SMA Antenna interface  
 Temperature Range: -20~+60°C  
 Humidity Range: Relative humidity 90%  
 Dimensions: Approx. 3.23\*2.99\*1.06in / 82\*76\*27mm1.



### Wi-Fi Gate Opener

#### VIII. Technical Specification

Control model: RF, phone, Wi-Fi, Bluetooth  
 Model Number: BW-KC  
 Control distance: 10-30m  
 Frequency: Learning code 433 Mhz  
 Phone system: Android & IOS  
 Voltage: 12 ~ 30V  
 Size: 8\*4.5\*2.5cm  
 Application: Gate motor controller  
 App: Smart Door



### Video Door Phone

#### IX. Technical Specification

Camera Chip: HI silicon HI3518E  
 Network: RJ45 and WIFI  
 Camera Angle: 150 degree  
 Night Vision: 6pcs 940nm IR LED for 3meters night vision  
 Video Record: YES  
 Intercom: Fully Duplex Intercom  
 Door Unlock: keypad code and app remote unlock  
 Safety Protection: Virtual Password Anti-peeping Allowed  
 Security Alarm: Motion Detection  
 Tamper Alarm: YES  
 Camera: colour lens  
 Power: DC 12V



## GATE HARDWARE & ACCESSORIES

### SLIDING/SWING GATE HARDWARE



### LEVELLING CASTER WHEEL



Our levelling casters offer a simple, elegant and advanced solution to how should I make something completely stationary and still have the ability to move it when I would like to. After installation of the appropriate number of levelling casters, with either standard top plates or threaded stems, any piece of equipment or product can easily be moved into position. Once in the desired position, the anti-vibration foot pad is lowered until it is pressed against the floor to relieve the wheel of the objects weight. This makes the equipment or product completely stationary, eliminating any vibration or movement associated with a traditional braking system. Furthermore, the levelling pad allows for minor adjustments in levelling requirements depending on floor structure or individual needs. When your equipment or product needs to be moved out of the way, simply raise the anti-vibration foot pad and push it easily to a new location. Cast Aluminum body with a powder coat finish in ivory. Custom colours are available for the complete caster

### MAIN FEATURES

- 1) Ultra Strong Non-Marking Nylon Wheel
- 2) Plate Mounted
- 3) Manual Thumb Wheel
- 4) Nut for Open-Ended Wrench
- 5) Diecast Aluminum Frame With A Steel Swivel Head
- 6) Powder Coated In An Ivory Hue Colour



**ANLIN**  
D O O R M O T O R



*Engineering Works and Fabrications*

**No. 71, Murugan Koil Street,  
Kaalán Thottam, Ariyankuppam, Puducherry  
Cell : 98436 06070**



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