

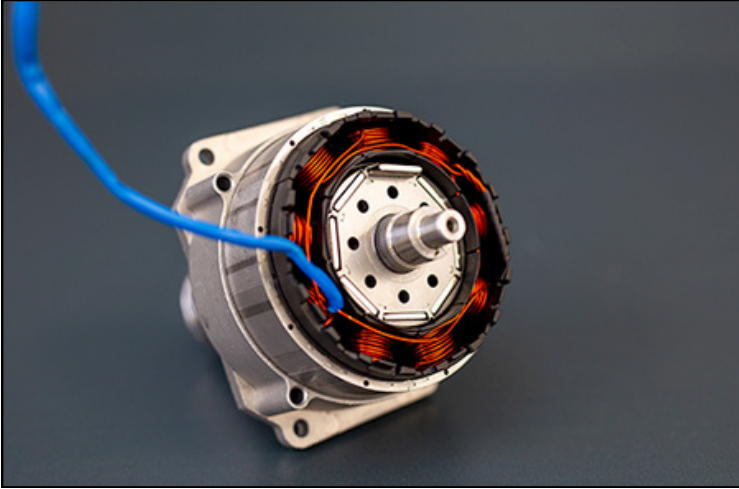
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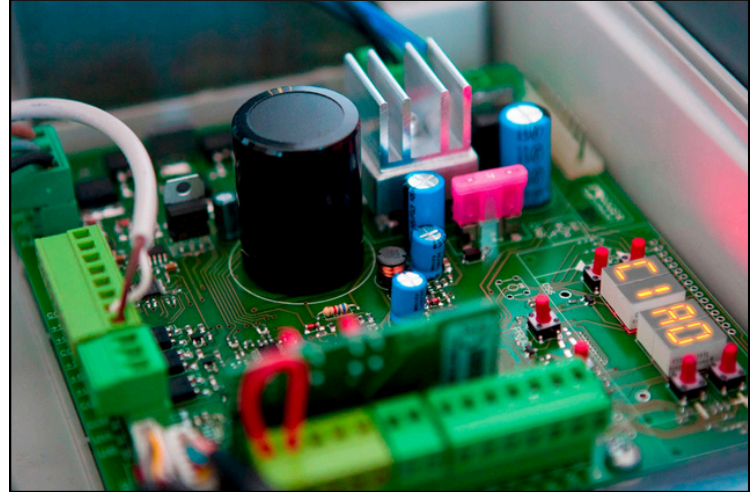
Digital Brushless Motor



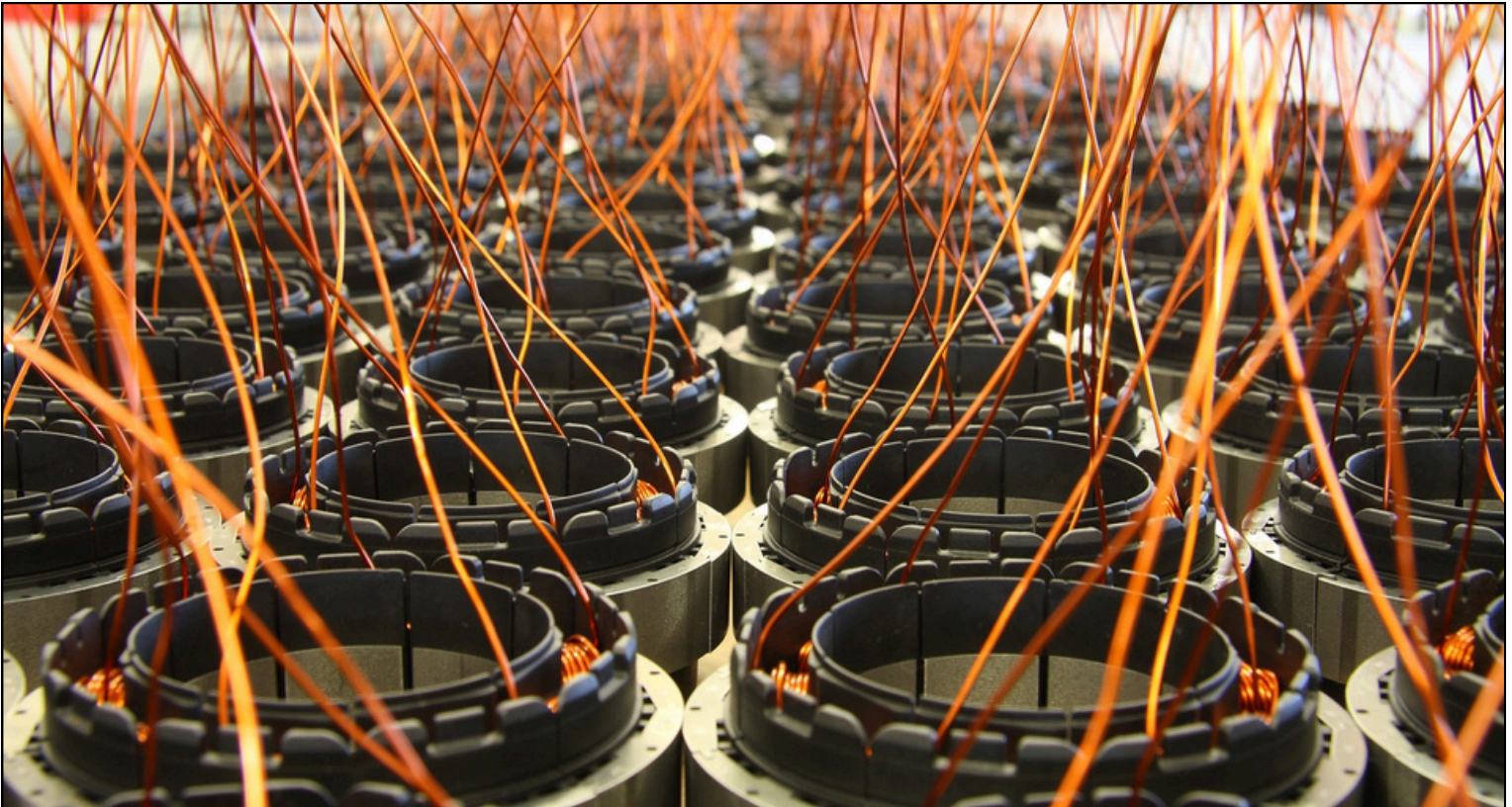
Motor Production



Engineering passion



New Generation of electronics



The revolutionary digital motor with 12 unique features. A technology that offers maximum performance but consumes less power than other motors

3-Phase Digital Brushless Motor

A very powerful motor with substantial torque. The motor is compact and neat due to the special concentrated coil windings, it is powered by a **three phase sinusoidal system**.

No Problem in The Event of Power Failure

With the help of internal or external batteries and the associated battery charging card, your automation system continues to operate for a considerable time **even during prolonged power cuts**, ensuring many more operations than traditional technologies.

Speed, Acceleration and Deceleration with Extreme Elegance

The automation system with brushless digital technology creates perfect and elegant movements. With a constant **force and torque** at every point and with the option of varying the speed on deceleration and acceleration the system can be managed with maximum safety.

Extremely Low Energy Consumption

A motor that can operate at low voltage in super-intensive use and which can operate in environments with extremely demanding weather conditions while maintaining **very low energy consumption and absorption levels**

Digital and Vectorial Automation Controller

The brushless digital controller, which operates at low voltage **24V/36V DC**, allows 100% control of the automation system in digital mode. Due to its operation entirely based on a DSP microcontroller the travel and all the movements of your automation system can therefore be programmed and customised easily, precisely and elegantly.

Motor at Ambient Temperature

The BRUSHLESS motor was created with the main goal of being a motor for super intensive use and **with a 99% efficiency**. Regardless of how many operations the engine performs in a day, it always remains cold or at the most reaches the outside ambient temperature.

The Digital Silence of the Motor

One great impact is the **silence** or the near absence of noise, generated by the BRUSHLESS motor during all its movements.

Motor for Super-Intensive Use

We wanted to surprise our customers with a product that was fundamentally different to any other product on the market. Fact: our motor remains **permanently cold** even after many days of super intensive use.

Digital and Vectorial Automation Controller

Motor at Ambient Temperature The BRUSHLESS motor was created with the main goal of being a motor for super intensive use and **with a 99% efficiency**. Regardless of how many operations the engine performs in a day, it always remains cold or at the most reaches the outside ambient temperature.

Simple Installation with A Single 3-Wire Cable

The BRUSHLESS motor can be installed by simply connecting it using three wires! What could be easier? This will provide full digital management of your automation system thanks to the **SENSORELESS** and **SENSORED** (absolute encoder) technology incorporated in the BRUSHLESS sliding gate motors.

Advanced Precision Engineering to Obtain Optimal Motor Performance

We have created a mechanism that gives you the opportunity to get **the maximum performance out of the motor**. A product which combines the quality of the internal production processes, the mechanical processing and the use of high quality ferrous and non-ferrous materials.

Impact, Obstacle Detection and Reversal in Total Safety

Thanks to digital technology we are able to **detect an obstacle** and reverse the motor instantly, by simply specifying the torque of the motor, the sensitivity, the time and the travel of the reversal. All in full compliance with safety requirements.

Sliding Gate Motors



G30/804



BH30/604/HS



BG30/2204



BG30/1804/HS



MV 300



TW 110

Swing Gate Motors



SMARTY7



BR21/362



BE20/400

Technical Features of Sliding Gate Motors

Model	BG30/804	BH30/604	BG30/2204
Power line supply:	800 kg	600 kg	2200 kg
Motor power supply:	230V AC - 50Hz	230V AC - 50Hz	230V AC - 50Hz
Power rating:	36V	24V	36V
Frequency of use:	490W	130W	470W
Torque:	Intensive use	Intensive use	Intensive use
Operating temperature:	50 - 650N	50 - 500N	50 - 1700N
Protection level:	-20+55°C	-20+55°C	-20+55°C
Reductor Type:	IP44	IP44	IP44
Manoeuvre speed:	Irreversible	Irreversible	Irreversible
Opening time:	30 m/min (0.5 m/s)	26 m/min (0.4 m/s)	12 m/min (0.16 m/s)

Model	BG30/1804	MV 300	TW 110
Power line supply:	1800 kg	3,000 Kg	2000 kg
Motor power supply:	230V AC - 50Hz	3000 ~ 5000 Hz	230V AC - 50Hz
Power rating:	36V	230V	36V
Frequency of use:	650W	0.55 kw	240W
Torque:	Intensive use	moderate use	Intensive use
Operating temperature:	50 - 1250N	50 Hz	570N
Protection level:	-20+55°C	230V, 1 Phase - 1 Amp max	-20+55°C
Reductor Type:	IP44	IP 55	IP44
Manoeuvre speed:	Irreversible	Irreversible	Irreversible
Opening time:	18 m/min (0.30 m/s)	13.5 meters	12 m/min (0.16 m/s)

Technical Features of Swing Gate Motors

Model	BR21/362	BE20/400	Smarty7
Power line supply:	230V AC - 50Hz	230V AC - 50Hz	230V AC - 50Hz
Motor power supply:	36V	36V	36V
Power rating:	200W	200W	200W
Frequency of use:	Intensive use	Intensive use	Intensive use
Torque:	50 - 300 N m	100 - 2800N	600 - 7000N
Operating temperature:	-20+55°C	-20 C° +55 C°	-20 C° +55 C°
Protection level:	IP67	IP44	IP44
Reductor Type:	Irreversible	Irreversible	Irreversible
Manoeuvre speed:	1,2 Rpm	1,66 cm/s	1,6 cm/s
Opening time:	19-29 s	17-26 s	35-50 s



OTHER PRODUCT



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SLIDING DOOR



HIGH SPEED
DOOR



SECTIONAL
DOOR



ROLLING
SHUTTER



SWING
DOOR



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DOOR



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BOLLARD



SLIDING
GATE



SWING
GATE



RETRACTABLE
GATE



BOOM
BARRIER

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