



Blizzard



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Gear motor for residential/condominium sliding gates

- Gates up to 400 KG > Blizzard 400 - 24V
- Gates up to 500 KG > Blizzard 500 - 230V
- Gates up to 800 KG > Blizzard 800 - 24V
- Gates up to 900 KG > Blizzard 900 - 230V

EASY INSTALLATION AND MODERN DESIGN

Modern aesthetics, large internal space for wiring, easy operator height and depth adjustment.

MAGNETIC LIMIT SWITCHES

The magnetic limit switches installable on the rack ensure reliability in all weather conditions.



RELEASE SYSTEM WITH KEY

A simple external release device with key (optional) allows the gate to be moved manually.



TECHNICAL CHARACTERISTICS

	230V		24V	
	Blizzard 500	Blizzard 900	Blizzard 400	Blizzard 800
Power supply	220-240V -50/60 Hz		220-240V -50/60 Hz	
Electric motor	Asynchronous single-phase		brush motor 24V	
Max power	360W	540W	140W	
Thermal protection	140°C (automatic rearming)		-	
Max. thrust force	390 N	590 N	310 N	410 N
Pinion	Z16 module 4		Z16 module 4	
Max leaf weight	500 kg	900 kg	400 kg	800 kg
Leaf speed	12 m/min		12 m/min	
Operating temperature	-20°C+55°C		-20°C+55°C	
Protection class	IP44		IP44	
Gear motor weight	9,2 kg	10 kg	7 kg	



24V

SWITCHING POWER SUPPLY AND BACKUP BATTERY

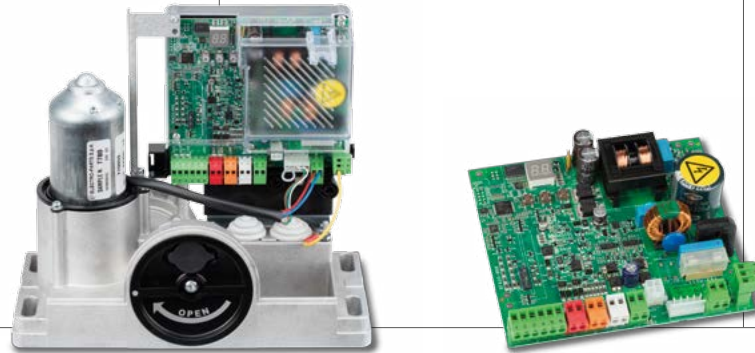
The energy efficient switching power supply protects the operator from power surges and reduces energy consumption. Installing a Genius battery kit (NiMH batteries with a charging board) ensures that the Blizzard can operate even if there is a mains power failure.

COMPLETE CONTROL OF THE OPERATOR

The encoder, built into the electric motor, enables precise movement and an effective reverse on obstacle response, which combined with electronic speed and force adjustment, ensures the complete control of the operator.

NEW CONTROL BOARD

Intuitive set-up with a large selection of operating logics and adjustable working parameters. The electronic control board, protected by a transparent polycarbonate cover, is equipped with external programming buttons and a display. Integrated universal radio signal decoding system compatible with all Genius JLC and RC transmitters. **G-WAY** technology that uses only two non-polarized wires makes accessories simple to connect and provides system protection.



230 V

MAGNETIC ENCODER ON MOTOR

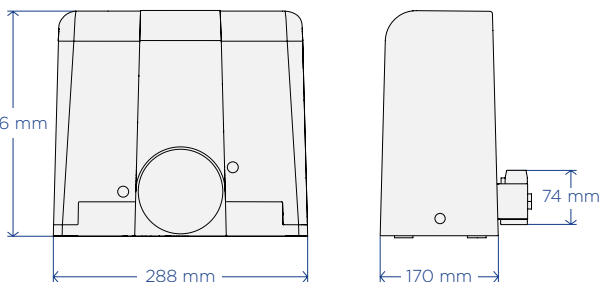
The magnetic encoder provides complete motion control.

STURDY AND RELIABLE INNER KINEMATIC MECHANISM

High number of cycles ensured by a bronze crown and a steel worm-screw

CONTROL BOARD

Intuitive set-up with a large selection of operating logics and adjustable working parameters. Mounted on an ABS support and protected by a transparent polycarbonate cover. Equipped with external programming buttons and display.





Automated systems for
SWING GATES



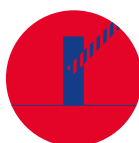
Automated systems for
SLIDING GATES



Automated systems for
GARAGE DOORS AND SHUTTERS



Automated systems for
INDUSTRIAL DOORS



Automated systems for
BARRIERS