

GENIUS®

AUTOMATED SYSTEMS FOR GATES

GARAGES | INDUSTRIAL DOORS

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INDUSTRIAL DOORS

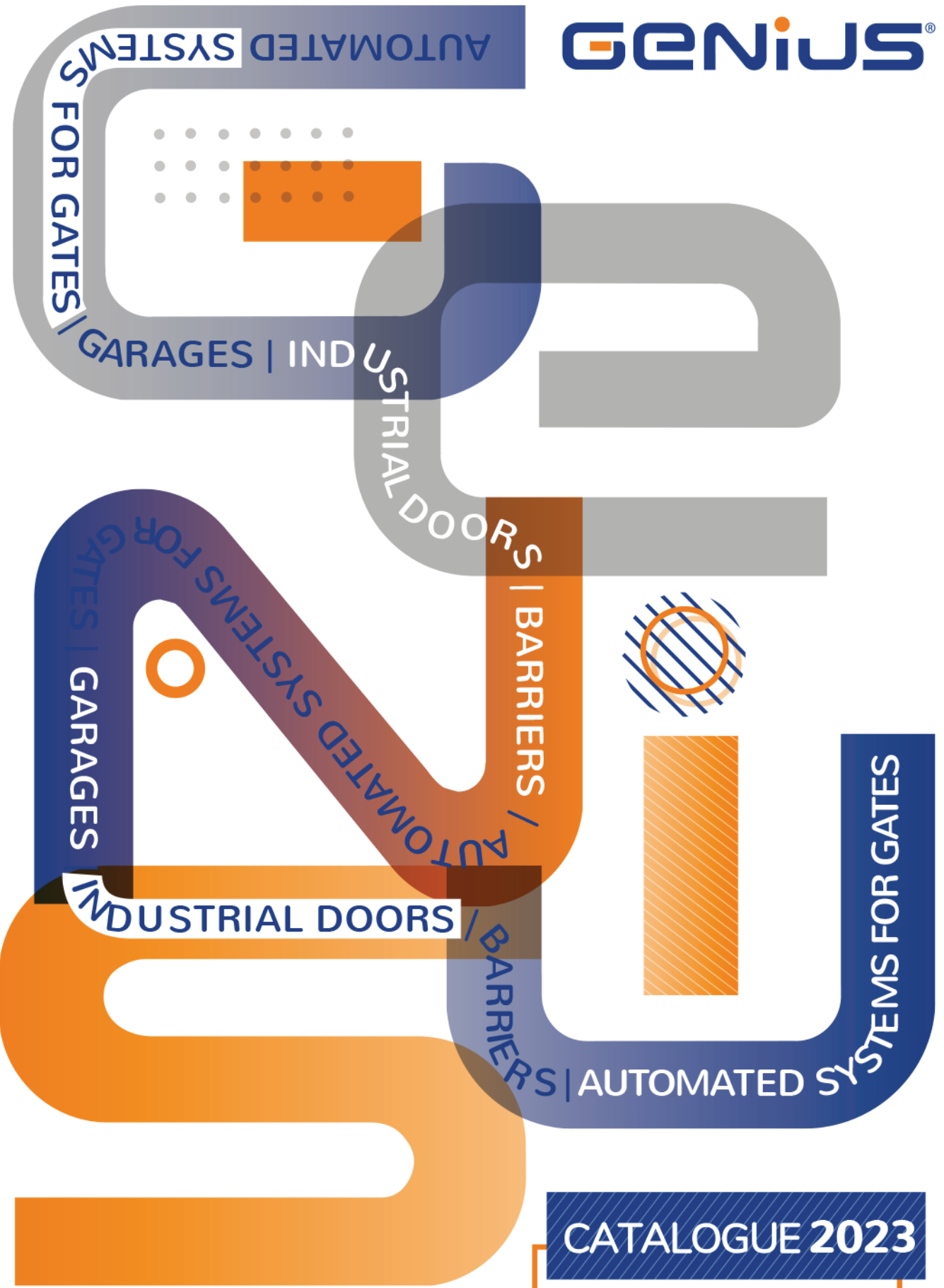
BARRIERS | AUTOMATED SYSTEMS FOR GATES

GARAGES | INDUSTRIAL DOORS

INDUSTRIAL DOORS

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CATALOGUE 2023





230V



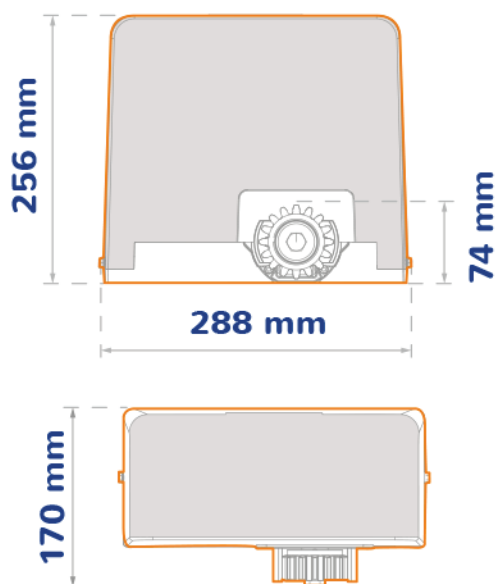
24V

BUILT-IN  
ENCODER



Easy to locate  
release device  
with key lock  
(optional)

Aluminium base



## GEARMOTOR FOR SLIDING GATES

Magnetic limit switches.

Electronic board with transparent plastic enclosure and external programming buttons.

Wide selection of operating logics and parameters.

Compact.  
Plenty of space inside for wiring, and flexibility for height and depth adjustment

## 230V

Available in versions for gates up to 500-900 kg.

Sturdy and reliable inner kinematic mechanism.

### CONTROL BOARDS

Sprint 382      Page 76

## 24V

Available in versions for gates up to 400 kg.

Complete movement control and effective reverse on obstacle response.

### CONTROL BOARDS

Sprint M24      Page 77

## 230V

Code	Name	Version	Voltage	Leaf Weight	Use
61100821	Blizzard 500 C ENC	Non-reversible – integrated Sprint 382 and built-in Encoder	230V	500 kg	Residential buildings/ Apartment complexes
61100861	Blizzard 900 C ENC	Non-reversible – integrated Sprint 382	230V	900 kg	Residential buildings/ Apartment complexes

### TECHNICAL CHARACTERISTICS

	Blizzard 500 C ENC	Blizzard 900 C ENC
Power supply (V)	230	
Electric motor (V)	230	
Nominal power (W)	250	540
Thermal protection (°C)	140 (automatic rearming)	
Capacitor (µF)	10	12.5
Max. thrust force (N)	390	590
Pinion type	Z16 mod.4	
Leaf speed (m/min)	12	
Use frequency at 20°C	S3 - 40%	
Operating temperature (°C)	-20 +55	
Protection rating	IP44	
Weight (kg)	9.2	10

## 24V

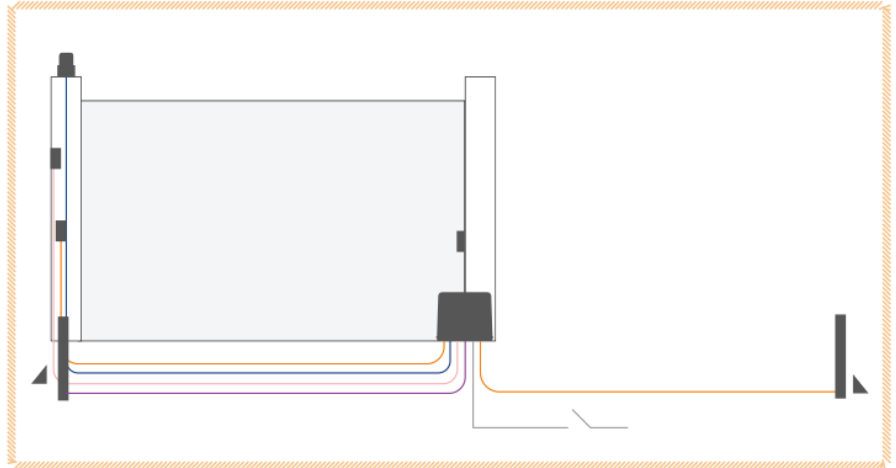
Code	Name	Version	Voltage	Leaf Weight	Use
6110080	BLIZZARD 400 C ENC	Non-reversible – integrated Sprint M24	24V	400 kg	Residential buildings/ Apartment complexes

### TECHNICAL CHARACTERISTICS

	Blizzard 400 C ENC
Power supply (V)	230
Electric motor (V)	24
Nominal power (W)	140
Max. thrust force (N)	310
Pinion type	Z16 mod.4
Leaf speed (m/min)	12
Use frequency at 20°C	Continuous
Operating temperature (°C)	-20 +55
Protection rating	IP44
Weight (kg)	7

## WIRING INSTALLATION DIAGRAM

- Line: 3x1.5 mm<sup>2</sup>
- Flashing light: 2x1.5 mm<sup>2</sup>
- Selector: 2x0.5 mm<sup>2</sup>
- Photocell TX: 2x0.5 mm<sup>2</sup>
- Photocell RX: 4x0.5 mm<sup>2</sup>



## STANDARD INSTALLATION - 230 V

Qty.	Material description	Part number
1	Gearmotor - BLIZZARD 500 C ENC	<b>61100821</b>
1	Foundation plate	<b>737000</b>
4 m	Galvanised rack 30x12 with weld on fittings	<b>JA146</b>
1	Single channel plug-in receiver 868 MHz	<b>6100352</b>
1	Two-channel transmitter KILO TX2 JLC	<b>6100332</b>
1	Flashing light GUARD 230V	<b>6100315</b>
1	Pair of VEGA photocells	<b>6100147</b>
1	QUICK 1 external key button	<b>JA31101-10</b>

**TOTAL (NET OF VAT)**

## STANDARD INSTALLATION - 24 V

1	Gearmotor - BLIZZARD 400 C ENC with built-in control board and encoder	<b>6110080</b>
1	Foundation plate	<b>737000</b>
4 m	Galvanised rack 30x12 with weld on fittings	<b>JA146</b>
1	Frequency module RQFZ 868 MHz	<b>6100347</b>
1	Two-channel transmitter KILO TX2 JLC	<b>6100332</b>
1	Flashing light GUARD 24 V	<b>6100316</b>
1	Pair of VEGA BUS photocells	<b>6100148</b>
1	QUICK 1 external key button	<b>JA31101-10</b>

**TOTAL (NET OF VAT)**