



SERVICING W.A | RESIDENTIAL & COMMERCIAL



T E C H N I C A L D A T A S H E E T

M E D I O



Electromechanical **HIGH SPEED BRUSHLESS** motor, low voltage, super intensive use, onboard encoder, ideal for sliding gates up to 1000kg with built in digital controller B70 series and magnetic limit switch.

Variant SKU	BH30-604	BH30-804
Max Gate Weight	600kg	1000kg
Maximum Gate Length	12m	12m
Manoeuvre Speed	24m/min (0.44 m/s)	12m/min (0.2 m/s)
Power Line Supply	230V AC - 50Hz	
Motor Supply Voltage	24V AC	
Power Rating	130W	130W
Duty Cycle	100% Intensive Use	
Thrust	500N	1000N
Operating Temperature	-20+55°C	
Protection Level	IP44	
Reductor Type	Irreversible	
Limit Switch	Magnetic	
Backup Batteries	Optional 2 battery 12V 1.2AH (Internal)	
Control Board	B70-IDC	
Encoder	Digital encoder + magnetic digital SENSORED, 4096 PPR	
Type Exit Gear	Z15/mod 4	
Maximum Power Absorbion	140W	

ROGER TECHNOLOGY

MEDIO BH30



26m/min



1000



Warranty


 100%
Duty Cycle

Recommended Accessories:



Remote

Universal Control System



Back-up Battery

Internal Battery Back-up 24V



Slide Motor Base Riser

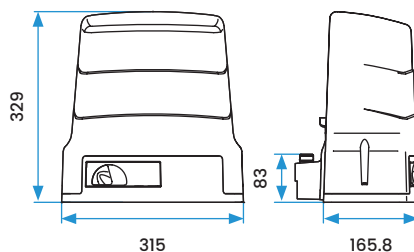
When higher clearance is needed



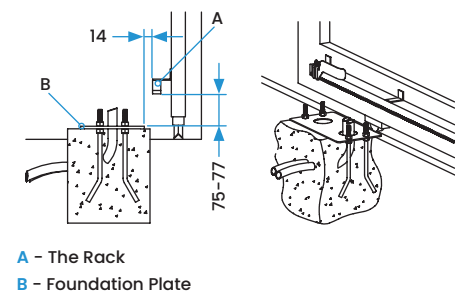
Safety Warning Light

With a built-in antenna

Dimensions:

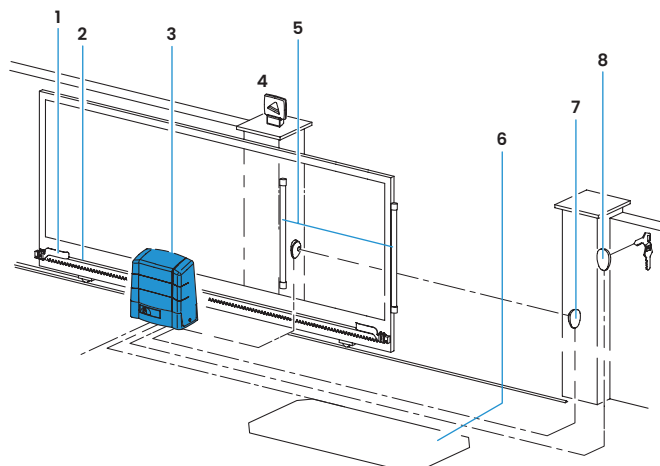


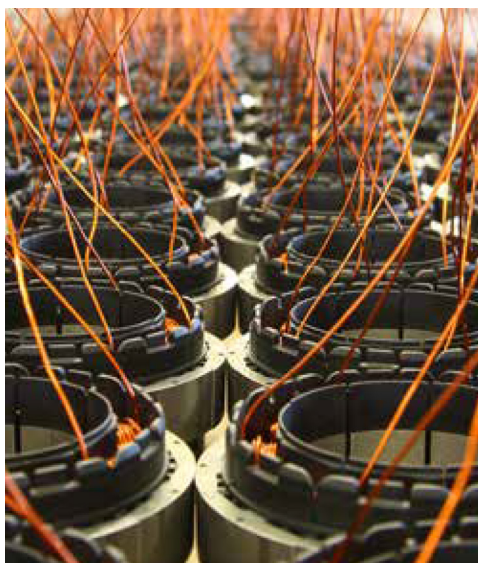
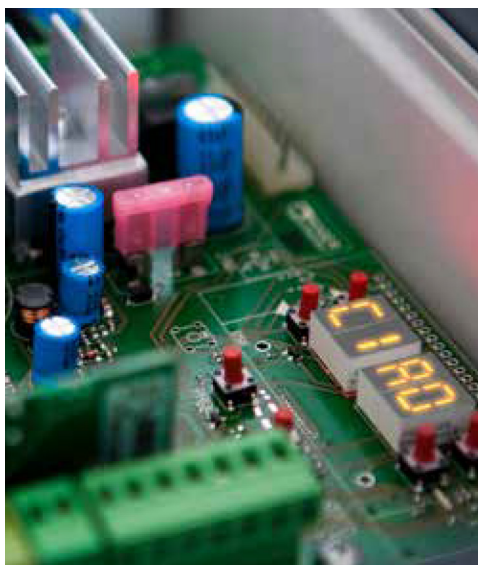
Installation:



Typical Sliding Gate Set Up

1. Limit Switches
2. Racking
3. Motor
4. Antenna/Fashing Light
5. Safety Edge
6. Loop Detector/Probe
7. Safety Beam
8. Keypad





▪ **Brushless Digital Motor**

Features a compact design with neodymium iron-boron magnets, available in 24V & 36V AC versions, operating at ambient temperature with low consumption.

▪ **Speed & Acceleration With Maximum Safety**

Controls motor torque precisely for smooth acceleration and deceleration, ensuring safety.

▪ **Super Intensive Use**

Operates at low voltage with a 100% duty cycle, maintaining low energy consumption.

▪ **External Transformer For Heavy Gates**

Low voltage options reduce installation costs where high voltage is unavailable.

▪ **Extremely Low Energy Consumption**

Consumes about 1/3 the power of other brands for the same gate weight and speed.

▪ **Amazingly Quiet**

Precision gearing and smooth torque control result in very quiet operation, ideal for residential applications.

▪ **Powerful Digital Encoder**

SENSED technology provides 4096 pulses per revolution for precise control and safety in obstacle detection.

▪ **Limit Switch**

Available with magnetic limit switches.

▪ **Standby Batteries**

Emergency battery backup system available, with optional 'fail open' setting during power outages.

▪ **Multifunctional Digital Display**

4-quadrant display with 6 function keys for parameter adjustment, error checking, and self-learning.

▪ **High Precision Engineering**

Features premium materials and double shielded ball bearings for precise alignment and durability.

▪ **Reinforced Aluminum Body**

Aluminum housing reinforced with titanium and epoxy-painted for weather protection.

▪ **Sustainability**

Roger Technology is a green customer-centric company dedicated to creating sustainable products through environmentally responsible production processes, innovative technologies, and a culture that prioritizes the health, safety, and development of its workers and customers.



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