

AGMATIC BX SERIES

24 V BRUSHLESS DC SLIDING GATE OPERATORS

BX500 - BX1000

SERIES RANGE



COMPACT POWER. PRECISE CONTROL.

A compact sliding-gate operator for gates up to 1,000 kg. Its 24 V brushless DC drive, cast-aluminium housing and keyed manual release combine low-voltage control with dependable everyday access.

01 BRUSHLESS DC DRIVE

24 V motor platform with adjustable speed and low standby consumption.

02 SMART SAFETY LOGIC

Obstacle resistance rebound plus presence-sensor connectivity.

1,000 KG

MAXIMUM SERIES CAPACITY

24 V DC

WORKING VOLTAGE

54 R/MIN

OUTPUT SPEED

< 6 W

STANDBY POWER

MODEL SELECTION

ONE PLATFORM | THREE CAPACITY CLASSES

MODEL	MAXIMUM GATE MASS*	TYPICAL APPLICATION
AG-BX500	Up to 500 kg	Residential and light-duty sliding gates
AG-BX800	Up to 800 kg	Villas, compounds and shared entrances
AG-BX1000	Up to 1,000 kg	Large residential and commercial gates

*Final operator selection must consider gate length, track friction, wheel condition, incline, wind loading, usage frequency and the required engineering safety margin.

03 TRAFFIC INDICATION

Controller support for red/green warning-light indication.

04 CONTROL MODES

Normally-open / normally-closed modes and configurable opening delay.

05 LINKED OPERATION

Double-gate linkage support, subject to project controller configuration.

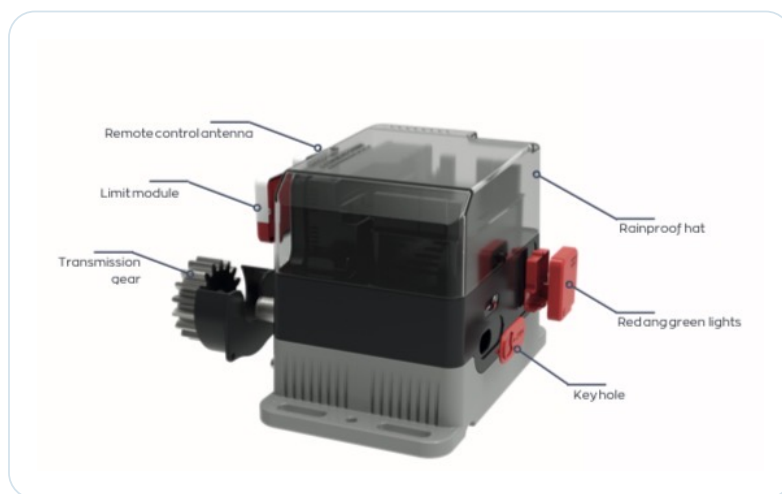
TECHNICAL SPECIFICATIONS

BRUSHLESS | LOW VOLTAGE | CONNECTED

Series models	AG-BX500 / AG-BX800 / AG-BX1000		Maximum gate mass	500 / 800 / 1,000 kg*
Working voltage	24 V DC	Power-supply rating	240 W	
Motor type	Brushless DC		Motor rated power	80 W
Motor speed	1,800 rpm	Output speed	54 r/min	
Standby consumption	Below 6 W		Remote frequency	430 MHz
Operating temperature	-30 °C to +60 °C		Output pinion	Module 4 / 17 teeth
Housing material	Cast aluminium		Top-cover material	ABS
Manual operation	Keyed manual release		Limit control	Integrated limit module

*Rated gate mass remains subject to engineering selection, gate condition and environmental loading.

CONTROL, SAFETY AND CONSTRUCTION



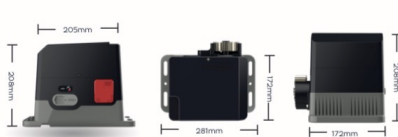
CONTROL FUNCTIONS

- Adjustable operating speed
- Normally-open / normally-closed modes
- Configurable gate-opening delay

SAFETY & LINKAGE

- Resistance rebound / obstacle auto-reverse
- Presence-sensor input (device-dependent)
- Double-gate linked operation

DIMENSIONS, SELECTION AND INTEGRATION

		NOMINAL DIMENSIONS	
Motor body	215 x 161 x 180 mm		
Overall envelope	281 x 205 x 208 mm		
Base	172 x 281 mm		
Mounting footprint	92 x 253 mm		
Packaging	440 x 255 x 180 mm		
Total weight	Approx. 9.7 kg		

PROJECT INTEGRATION

Compatible red/green traffic lights and access-control triggering may be connected. Photocells, presence sensors, keypads and intercoms are optional; confirm every interface against the selected controller I/O.

**INSTALL ON A LEVEL, FREE-RUNNING GATE
WITH POSITIVE END STOPS AND DRAINAGE**