

24 V DC | INTENSIVE DUTY

AGMATIC BX600

MODEL AG-BX600

24 V DC electromechanical sliding gate operator engineered for residential and light-commercial gates up to 600 kg.

RESIDENTIAL / LIGHT COMMERCIAL

600 kg

MAXIMUM GATE WEIGHT

24 V DC

MOTOR VOLTAGE

10 m/min

NOMINAL RUNNING SPEED

IP44

PROTECTION CLASS

Efficient daily access

The AGMATIC BX600 combines a compact 24 V DC drive, 12 N.m output torque and intensive-duty rating for dependable automated gate movement. Its keyed manual-release arrangement supports controlled access during power interruption or maintenance.

Typical applications

● Villa entrances

● Residential gates

● Small compounds

● Light commercial

Final operator selection must consider actual gate mass, track condition, wheel friction, alignment, wind loading and site exposure.

Drive and integration highlights

- **24 V DC motor** Low-voltage drive system
- **12 N.m torque** Rack-and-pinion output
- **Intensive duty** Frequent access operation
- **Keyed manual release** Controlled emergency access
- **Quiet operation** Declared noise ≤ 56 dB
- **Compact enclosure** 324 x 205 x 285 mm
- **Control integration*** Project controller dependent

*Photocells, access control, push buttons, warning devices and automatic functions depend on the selected control panel, accessories and project wiring.

ENGINEERING DATA

AGMATIC BX600 | AG-BX600 | 24 V DC sliding gate operator

Electrical and mechanical specifications

POWER INPUT	230 V AC
MOTOR VOLTAGE	24 V DC
MOTOR TYPE	DC electromechanical
RATED POWER	100 W
OUTPUT TORQUE	12 N.m
RUNNING SPEED	10 m/min
DUTY RATING	Intensive
PROTECTION CLASS	IP44

MAX. GATE WEIGHT	Up to 600 kg*
OPERATING RANGE	-45 C to +65 C**
DECLARED NOISE	<= 56 dB
DIMENSIONS	324 x 205 x 285 mm
PACKING WEIGHT	Approx. 13 kg
APPLICATION	Residential / light commercial
DRIVE OUTPUT	Rack and pinion
MANUAL RELEASE	Key-operated

*Maximum gate weight is subject to gate condition, track alignment, wheel friction, wind and installation quality.

**Temperature range is manufacturer-supplied; confirm site suitability and component limits for the final project.

Overall dimensions

Compact enclosure: 324 x 205 x 285 mm



Service-access architecture

Removable cover provides access to drive and control components



ENGINEERING SELECTION NOTE

Use a level, rigid foundation and correctly aligned rack. Provide drainage and keep the operator above standing-water level. Install compatible safety devices and mechanical end stops as required by the project risk assessment. Electrical connections and access-control interfaces must follow the selected controller manual and applicable regulations.