

AGMATIC SWING PRO 230

COMPACT SIDE-MOUNTED SWING GATE OPERATOR | MODEL AG-SP230



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Compact engineering. Controlled movement.

24 V BLDC | ARTICULATED ARM | SIDE INSTALLATION



24 V BLDC

LOW-VOLTAGE DRIVE

80 N.m

OUTPUT TORQUE

UP TO 230 kg

SELECTION-CURVE LIMIT

-35 C TO +85 C

OPERATING RANGE

PRODUCT OVERVIEW

The AGMATIC SWING PRO 230 is a compact 24 V brushless DC operator developed for side-mounted automation of lightweight swing gates and doors. Its five-stage reduction drive, aluminium housing and articulated #45 steel arm provide controlled opening and closing where conventional linear operators are difficult to install. Selection must follow the gate-leaf weight/width curve on page 2.

ENGINEERED FUNCTIONS

● ADJUSTABLE MOTION

Opening and closing speed can be configured to suit the gate and site.

● OBSTACLE RESPONSE

Resistance-rebound logic supports safer movement when an obstruction is detected.

● DUAL-LEAF LINKAGE

Coordinated operation is available for compatible double-gate control systems.

● OPERATING MODES

Normally-open, normally-closed and delayed-opening functions are supported.

● SENSOR INPUT

Human-presence sensing is available when used with a compatible detector.

● WIRELESS CONTROL

430 MHz remote control and Bluetooth Low Energy connectivity are supported.

RECOMMENDED APPLICATIONS

Villas | pedestrian swing gates | light-duty entrance gates | retrofit door automation | controlled internal access

Product design, specifications, available functions and colours may change without prior notice as part of continuous product improvement.

AGMATIC | SMART ACCESS. STRONG ENGINEERING.

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TECHNICAL SPECIFICATIONS

AGMATIC SWING PRO 230 | MODEL AG-SP230

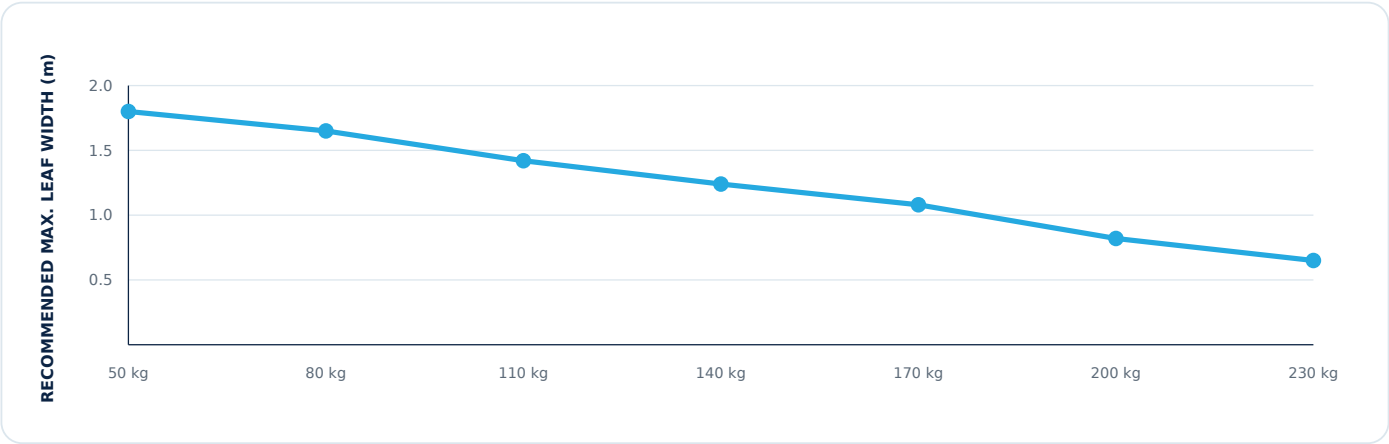


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ELECTRICAL, MECHANICAL AND INSTALLATION DATA

Drive technology	24 V brushless DC	Motor power	60 W
Power supply	180 W	Reduction	1:200, five-stage
Output torque	80 N.m	Motor speed	1,800 rpm
Standby power	< 6 W	Remote frequency	430 MHz
Wireless interface	Bluetooth Low Energy	Temperature	-35 C to +85 C
Body dimensions	350 x 82 x 132 mm	Base size	72 x 38 x 7 mm
Articulated arm	270 mm	Housing material	Aluminium
Arm material	#45 steel	Tensile strength	>= 450 MPa
Packing size	390 x 300 x 115 mm	Total weight	Approx. 8.5 kg
Installation	Side-mounted	Gate arrangement	Single / linked dual leaf

PRELIMINARY GATE-LEAF SELECTION CURVE



CONTROL AND SAFETY FUNCTIONS

- + Adjustable opening and closing speed
- + Resistance-rebound / obstacle response
- + Normally-open and normally-closed modes
- + Configurable opening delay
- + Compatible presence-sensor input
- + Double-gate linkage capability

ENGINEERING SELECTION NOTES

- + Curve values are approximate selection limits.
- + Consider wind load, hinge friction, gate geometry and duty cycle.
- + Bluetooth/app functions depend on the supplied controller and market configuration.
- + No IP rating is claimed in the source data; verify site weather protection before installation.

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