

Code: AB1000

SLIDING GATE OPERATOR **AB1000** VIDOS

The AB1000 electromechanical operator is designed for cooperation with sliding gates weighing up to 900 kg. Thanks to many technological facilities, the device is safe and comfortable to use.

Thanks to the built-in overload protection, if a gate collision with an obstacle is detected during closing, the operator will immediately stop and then open the gate. The automatic gate closing function allows to set the time from the total opening, after which the gate will close automatically. In addition, the operator automatically locks when movement is complete, preventing to open the gate manually. Thanks to this, there is no need to use additional devices protecting the gate against opening. In the case of operator or power failure, it is possible to manually release the lock using a key. The soft start and stop function smoothly adjusts the speed of the operator when starting and stopping the gate. It allows to significantly reduce overloads resulting from a sudden change in the gate's speed, which translates into longer life of the mechanical components of the operator and a reduction in the noise level.

The kit includes: photocell, magnetic limit switch and 2 remote controls.



Gate operator type:	For sliding gates
Engine power:	400 W
Maximum weight of the gate:	900 kg
Linear speed:	11 ... 13 m/min
Automatic closing of the gate:	✓
Automatic locking of the operator:	✓
Limit switch:	Spring / Magnetic
Noise level during operation:	≤ 58 dB
Possibility of connecting the photocell:	✓
Possibility of connecting the signal lamp:	✓
Maximum number of programmed remote controls:	25
Wireless transmission range:	≥ 30 m
Frequency bandwidth of the system:	433.92 MHz



DATA SHEET

Number of cycles per hour:	≤ 15
Main features:	<ul style="list-style-type: none">• Smooth torque control allows to precisely set the force with which the operator will operate• Overload obstacle detection system - when an obstacle is encountered by the gate, the operator will stop immediately and then change the direction of the gate's movement• Soft start and stop function - smoothly reduces the speed of the operator when starting and stopping the gate• Wicket function - allows to partially open the gate and use it only as a wicket for pedestrians or cyclists• The automatic gate closing function allows to set the time from the total opening, after which the gate will close automatically
Power supply:	220 ... 240 V AC
Housing:	Plastic
Color:	Gray
Operation temp:	-20 °C ... 70 °C
Weight:	11.3 kg
Dimensions:	271 x 228 x 280 mm
Manufacturer / Brand:	VIDOS
Guarantee:	3 years