

Swing Gate Motor Technical Specification

Swing Gate ;

Technical Specifications	Couper 24V	Jet 24V	PRINCE 500	PRINCE 600
Power Supply (VAC 50Hz)	230	230	230	230
Motor Power Supply (Vac/Vdc)	24	24	24	24
Motor Power (W)	80	120	70	70
Operating temperature (°C)	-20 ÷ +50	-20 ÷ +50	-20 ÷ +50	-20 ÷ +50
IP/Raiting (IP)	44	44	44	44
Speed (cm/sec)	1.3/1.6	1.3/2.0	1.6/2.0	1.6/3.0
Leaf Lenght (m)	2	3	4	3
Motor Size (mm)	780x104x100	820x100x110	766x100x110	853x95x187
Weight (Kg)	6	7	5,5	5,5
Maximum Door Weight (Kg)	250	600	500	500

Swing Gate Operator ;

1. Programmable microprocessor should be used in the control unit inside the swing gate motor.
2. The engine mechanics with the processor should be controlled with the help of the electric motor, the jam function should be protected by the current control circuit on the card, the motor and the card. The card should also be protected against overcurrents with glass fuse.
3. There should be jamming sensitivity in the closing direction and the motor should stop working at the moment of jamming and then continue its movement in the direction of opening.
4. There must be compaction sensitivity in the direction of opening and the engine must stop running at the moment of jamming.
5. The control unit must support operating the double leaf door.
6. The delay time between the control unit and the two wings can be adjusted.
7. It should work with transformer.
8. The motor body must be equipped to be able to intervene manually against power outages. In addition, it should continue working with the battery charge card as an option against power cuts.
9. Must have a card system suitable for operating 2 synchronous circular swing gate motors.
10. It should have soft - start- soft - stop feature.
11. Speed control should be provided.
12. When the motor is running, flashing warning lamp should be used.
13. The red-green traffic light should support your connection.
14. After the motor is turned on, it should have automatic shut-off function and this function can be activated or deactivated optionally. Automatic closing time 5 sec. with 90 sec. between the control card should be adjusted as analog.
15. Sensors that will be used for security purposes in motor movements should be connected. These sensors should be able to be used for opening and closing. With the help of adjustable functions, if the object passes while the engine is shutting down, the door should move in the direction of opening, and after the object passes in this direction, the door should close automatically again. With the help of adjustable functions, if the object passes while the motor is opening, the door should stop, and when the object comes out, the motor should continue its movement in the direction of opening.
16. The internal or external remote control receiver must adapt to the system.
17. The Open and Close dry contacts on the barrier control card should be designed in accordance with the smart card system, card pass system (KGS) and automatic pass system (OGS).
18. Motor and Switch direction should be changed on electronic card at the same time.