SWING & SLIDING GATE MOTORS

KEY FACTORS TO CONSIDER BEFORE PURCHASING A MOTOR:

LENGTH OF YOUR GATE

Knowing your swing gate length is necessary as a long gate will require a motor with a wider operating stroke otherwise it will not open to its maximum potential.

WEIGHT OF YOUR GATE

Knowing the weight of your gate is critical when it comes to choosing a gate motor to suit, as all motors have different maximum weight ratings.

GATE DESIGN & WIND RESISTANCE

Gate design and wind resistance have to be considered when selecting a swing gate motor. Swing gates in high wind areas, especially gate designs that do not allow wind to flow through them easily can significantly increase the weight on a swing gate motor whilst in operation. Wind resistance level must be taken into consideration when purchasing your new gate motor to determine which size motor is best suited to operate your gate system.

HIGH OR LOW TRAFFIC AREAS

Some gate motors are designed to operate continuously all day long and will not overheat, whereas others will only operate several times before the motor gets hot, stops and will not restart operating again until it cools down. It is important to select a motor with the correct duty-cycle to suit your gate application. A high traffic area would require a motor with a high duty-cycle as continuous operation is required where as a low duty-cycle gate motor could be installed on a residential gate which only operates several times per day.

SOLAR POWERED SWING GATE MOTORS

It is now possible to power your swing gate motor system purely by the sun. The low voltage swing gate motor is powered by a battery, which receives a daily charge directly from a solar panel. Solar gate motor installations are generally a little more expensive than mains voltage motor installations but will save you money down the track, once installed the solar gate system operates completely free of charge. Solar is the perfect option for isolated gates where no mains power is located nearby.

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