



ELECTRIC LIFT MOTOR

INFORMATION SHEET

OVERVIEW

Every Diamond door comes standard with an electric lifting motor. This electric motor is coupled to the industrial grade gearbox, creating a reliable electric lifting system.

The motor size is determined by door weight, door size, and opener speed required. We ensure our motors are paired to the gearbox specifications. Motor size and power should be aligned with gearbox specifications to ensure the gearbox is not under strain.

Our electric motors are available in single phase 230V, 3 phase 208V, and 3 phase 460V.

All electric motors are coupled to an electric brake to ensure safety. The brake is equipped with a lever to disengage the brake for manual operation. If the power is cut to the door, the brake is automatically engaged. This means you can trust your door to stay in the open position during a power outage.

TECHNICAL SPECS

Motor Sizes: 3/4HP, 1HP, 1.5HP, 2HP, 3HP, 5HP, and 7.5HP

Motor Voltage: Single phase 230V, 3 phase 208V, and 3 phase 460V. 60Hz

Motor Type: AC induction brake motor

Motor Classification: TENV

WARRANTY

The door is free of manufacturing defects in material and workmanship for a period of two years. The door will not warp, crack, or buckle under normal intended use as a door.



FREQUENTLY ASKED QUESTIONS

What happens if the power is cut to the door?

Our electric lift motors are coupled to an electric brake to ensure safety and will keep the door in the open position during a power outage.

During installation, do I need to install the motor and wire it?

All motors are installed, pre-wired, and tested in factory to ensure your door operates correctly when you receive it.

