

## **GENERAL SAFETY INSTRUCTIONS**

The motor may only be installed, connected and maintained by qualified personnel. Ensure that the motor is operated in accordance with the specifications on the nameplate (e.g. voltage, frequency, power). Keep the motor away from unauthorized people during operation and maintenance.

## **ELECTRICAL SAFETY**

### **Power supply:**

Ensure that the power supply is switched off before carrying out maintenance or installation work.

### **Grounding:**

The motor must be properly grounded to prevent electric shocks.

### **Short circuit and overload protection:**

Install suitable protective devices such as fuses or circuit breakers.

## **MECHANICAL SAFETY**

### **Operation:**

Ensure that the motor is mounted vibration-free and that all fastenings are securely tightened.

### **Rotating parts:**

Keep hands, hair, clothing and tools away from rotating parts. Use suitable protective equipment, e.g. covers for fans or shafts.

## **ENVIRONMENT AND STORAGE**

Only operate the motor at the specified ambient temperature and avoid moisture or aggressive chemicals. Store the motor in a dry, dust-free place when it is not in operation.

## **MAINTENANCE AND CARE**

### **Regular inspections:**

Check the motor regularly for signs of wear, such as unusual noises, excessive heating or vibrations.

### **Lubrication:**

Lubricate bearings according to maintenance specifications. Use only recommended lubricants.

### **Cleaning:**

Regularly remove dust or dirt from ventilation slots and surfaces.

## **EMERGENCY MEASURES**

Switch off the motor immediately in the event of unusual behavior such as noise, smoke or sparking. Call in qualified staff for troubleshooting and repairs.

## **DISCLAIMER**

AC-Motoren GmbH accepts no liability for damage caused by improper installation, incorrect operation or failure to observe the safety instructions.