



Hansa-Motoren

Safety Regulations

Round 90 years of experience with electric motors *iii*





General endangering

These safety regulations are valid in connection with the operating and maintenance instructions of the product and they are to be observed strictly. Electrical machines are equipped with hazardous live parts and rotating parts. Therefore, severest personal and physical damages can be caused through non-intended use, because of faulty operation, through imperfect maintenance and because of non-permissible disassembly of protective devices. It is to be guaranteed that only qualified persons will be engaged to realize any work at the equipment (such as design, transport, assembly, installation, commissioning, maintenance, repair, and disassembly).

Intended use

The machines are intended for industrial power installations. The conditions on the site have to coincide with all the data given on name plate. In particular the indicated degree of protection is to be realized by the driven machine.

Transport & storage

The ring bolt or shackle of the equipment is exclusively intended for transporting. Additional parts or loads must not be applied. Before the commissioning, existing transport locking has to be removed. Electrical equipment with recognizable damages must not be put into operation.

Assembly

When assembling the electrical equipment there is to be observed that the information about the technical data and operating conditions, the general safety and mounting regulations and the specific regulations of the installation are followed. In case of types of construction with the shaft end downwards, there must be taken measures preventing that foreign matters can fall into the ventilation system. The ensuring the unhindered ventilation of the machine has to be guaranteed.

Important information

Because of the great variety of the operating conditions and for the clear understanding of the operating and maintenance instructions, it is only the general case of application which can be considered in this operating and maintenance manual. For special cases (such as exceptional environmental conditions or special safety instructions) it is necessary to come to an agreement with the manufacturer.



Electric connection

The connection is to be realized only by qualified skilled persons and in released state being protected against restarting. All the data being necessary for that are to be taken from the operating and maintenance instructions delivered with the equipment. Before re-starting the installation for the first time, there is to be checked if the electrical equipment is running in the required direction of rotation. When exceeding the tolerances and when deviating from the waveform and the symmetry, the temperature can possibly rise and the electromagnetic compatibility can be impaired.

Operation

The maintenance measures specified in the operating and maintenance instructions are to be carried out by qualified personnel in regular periods. The reasons for every variation in view of the normal operation, in particular the reasons for changed noise level, temperatures and for the reaction of protective devices are to be determined and eliminated by qualified personnel. If there's any doubt, the equipment is to be switched-off immediately.

Warranty

The warranty requires the observance of the safety regulations and of the operating and maintenance instructions as well as the intended use. In case of further questions, requirements and instructions please contact the manufacturer by indicating the type of motor and the number of motor.

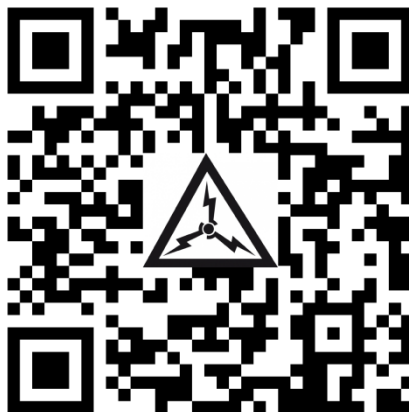
The Safety Regulations and the Operating Instruction must be kept in a safe place.



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