



The maximum operating pressure allowed is 8 bar, and it is the customer's sole responsibility to monitor and control the pressure level of the fluid used in the system. The motor does not have any device to relieve/regulate pressure.

5. Maintenance

Before beginning any job on the motor, it must be still, disconnected from the power supply and protected against inadvertent restart. Even when the motor is stopped, there might be voltage on the terminals of the space heaters.
In motors equipped with capacitors, discharge them before handling them or performing any job.
The disassembling of the motor during the warranty period must be performed by a WEG authorized technician only.
In order to ensure the water jacket is sealed under any conditions, 100% of the motors undergo water tightness testing at the factory. Therefore, under no circumstances may the seal flanges be disassembled. If they are, the motor warranty will be immediately voided. In special cases where this disassembly is necessary, it is mandatory that it is performed by an Authorized WEG Technical Assistant with specific training for such operation. Whenever one or both of the water jacket seal flanges are disassembled, all respective seal rings must be replaced with new ones, following the exact specification and dimensions of the original design. Replacing the sealing rings does not extend/renew the warranty period.

For motors with permanent magnets, the assembling and disassembling of the motor require the use of proper devices due to the attraction or repulsion forces that occur between metallic parts. This service must only be performed by an Authorized WEG Technical Assistant with specific training for this operation. People that use pacemakers cannot handle these motors. The permanent magnets can also cause disturbances or damages to other electric equipment and components during service.

For motors supplied with a shaft grounding system, the condition of the brush must be constantly monitored and, when it reaches the end of its service life, it must be replaced with another brush of the same specification. If a motor is supplied with an internal grounding brush, identified by a label on the product, it is necessary to check it every time maintenance is performed on the bearings or any internal part of the motor.

The amount of grease and lubrication intervals are informed on the motor nameplate. It is extremely important that lubrication is performed as specified.

An excessive or insufficient lubrication increases the bearing temperature during operation, resulting in premature wear of the bearings and consequent reduction of their useful life. The use of greases not recommended by WEG or in different quantities than the specification may result in loss of the motor warranty.

The quality of the cooling water, in accordance with item 4, must be checked periodically according to the maintenance plan of the water supply system, and the frequency and procedures of such checks are the sole responsibility of the customer.

Regularly inspect the operation of the motor according to its application.

Inspect the fastening bolts, the bearings, the level of vibration and noise, the drains, etc..

6. Additional instructions

For more information on transportation, storage, handling, installation, operation and maintenance of electric motors, and to consult the list of Authorized Service Centers, visit the website www.weg.net.

For special applications and operating conditions, it is necessary to consult the manual on the website or contact WEG.

When contacting WEG, please, have the full description of the motor at hand, as well as the serial

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number and production date, indicated on the identification plate of the motor.

For motors supplied with the WEG Motor Scan sensor, refer to the installation guidelines in the Receiving to Operation Overview Manual (10008475131) available at www.weg.net.

7. Warranty

WEG Equipamentos Eléctricos S/A, Motor Unit (WEGU), offers warranty against defects in workmanship and materials for its products for a period of 12 months from the date of the invoice issued by the factory or distributor/dealer, limited to 18 months from the date of manufacture. If a warranty period is defined differently in the technical and commercial proposal of a particular sale, such period shall override the time limits set out above.

The periods above are independent of product installation date and start of operation.

In case of any abnormal behavior in the product operation, the customer must immediately notify WEG in writing of the defect occurred and make the product available for WEG or its Authorized Technical Assistance for the period necessary to identify the cause of the defect, verify the warranty coverage, and perform the proper repairs.

In order to be entitled to the warranty, the customer must meet the specifications of WEG's technical documents, especially those set out in the product Installation, Operation and Maintenance Manual, as well as the rules and regulation in force in each country. The defects arising from the inappropriate or negligent use, operation, and/or installation of the equipment, lack of preventive maintenance, as well as defects resulting from external factors or equipment and components not supplied by WEG are not covered by the warranty. The warranty will not apply if the customer, at his own discretion, makes repairs and/or modifications to the equipment without prior consent in writing by WEG.

The warranty shall not cover equipment, parts and/or components whose useful life is usually shorter than the warranty period. It also does not cover defects and/or problems resulting from force majeure or other causes that cannot be attributed to WEG, such as but not limited to: incorrect or incomplete specifications or data supplied by the customer, transportation, storage, handling, installation, operation and maintenance not complying with the provided instructions, accidents, defects in the construction works, use in applications and/or environments for which the product was not designed, equipment and/or component not included in the scope of WEG's supply. The warranty does not include disassembly services at the premises of the customer, product transportation costs and travel, lodging and meal expenses for the staff of the Technical Assistance, when requested by the customer.

The services under warranty shall be executed solely at WEG authorized repair shops or at its own factory. Under no circumstances will the warranty services extend the equipment warranty period. WEG's civil liability is limited to the supplied product; WEG will not take any liability for indirect or consequential damages, such as loss of profit, revenue losses and the like which may arise from the contract signed between the parties.

EU Declaration of Conformity

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www.weg.net

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Johannesburg, Gauteng, 1619 - South
Africa
www.weg.net/za

Declares under sole responsibility that WEG electric motors and components used for following motor lines:

BLDC, W01, W11, W12, W20, W21, W22, W23, W30, W40, W50, W51, W60, W80, WFL, WIN, K1F, K1N, K10, K1S, K1T, K1W, K2F, K2N, K2U, General Purpose, HGF, Roller Table, Steel Motor, PSC, Pump/Filter, Servomotor, Vertical High Thrust, Water Cooled and WQuattro

when installed, maintained and used in applications for which they were designed, and in compliance with the relevant installation standards and manufacturer's instructions, comply with the provisions of the following relevant European Union harmonization legislation and standards, wherever applicable:

Low Voltage Directive	2014/35/EU;
EU Ecodesign Directive	(EU)2019/1781* as amended by Commission Regulation (EU)2021/341; Directive 2009/125/EC*;
RoHS Directive	2011/65/EU* and its amendments (including Directive 2015/863/EU);
Machinery Directive	(EU)2023-1230**;
EMC Directive	2014/30/EU (electric motors are considered inherently benign in terms of electromagnetic compatibility).

EN 60034-1:2010 + AC:2010 / EN 60034-2-1:2014 / EN IEC 60034-5:2020 / EN 60034-6:1993 / EN 60034-7:1993 + A1:2001 / EN 60034-8:2007 + A1:2014 / EN 60034-9-2005 + A1:2007 / EN 60034-11:2004/ EN 60034-12:2017/EN IEC 60034-14:2018 / EN 60034-30-1:2014 / EN 60204-1:2018 / EN IEC 60204-11:2019 / CLC IEC/TS 60034-30-2:2021 / EN 61800-5-1: 2007/ A1:2017/ A1:2021 / EN IEC 61800-3: 2016 / EN IEC 63000:2018 / CLC IEC/TS 60034-25:2024 and IEC 60034-30-3:2024.

* Electric motors with a voltage rating higher than 1000V are not under the scope.

** Electric motors are considered partly completed machinery and are supplied with a "Declaration of Incorporation".

Declaration of Incorporation

The products above cannot be put into service until the machinery into which they have been incorporated has been declared in conformity with the Machinery Directive. A Technical Documentation for the products above is compiled in accordance with part B of annex VII of Machinery Directive (EU)2023-1230. We undertake to transmit, in response to a reasoned request by the national authorities, relevant information on the product identified above (partly completed machinery) through WEG authorized representative established in the European Union. The method of transmission shall be electronic or physical method and shall be without prejudice to the intellectual property rights of the manufacturer.

Signed for and on behalf of the manufacturer:

VITOR MARCON:795 68173900
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Vitor Marcon
Quality Systems and
Certifications Manager
Jaraguá do Sul
November 1, 2024

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Single Contact Point in the European
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Luís Filipe Oliveira Silva Castro Araújo
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Signed for and on behalf of the manufacturer:

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Edson Jose Koshinski
Engineering Director
Jaraguá do Sul
November 1, 2024



Declaration of Conformity

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Electrical Equipment (Safety) Regulations	S.I. 2016/1101*;
The Ecodesign for Energy-Related Products Regulations and Energy Information	S.I. 2021/745*;
The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations	S.I. 2012/3032*;
Supply of Machinery (Safety) Regulations	S.I. 2008/1597 amended by S.I.2011/2157**;
Electromagnetic Compatibility Regulations	S.I. 2016/1091 (electric motors are considered inherently benign in terms of electromagnetic compatibility);

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