

Installation manual

For clamp flanges

It is essential to read, understand, and follow all instructions, warnings, cautions, and procedures contained within this document. Failure to do so may result in serious injury, death, damage to property or equipment, product malfunction, and may affect warranty coverage.

Warnings and cautions requiring special attention are highlighted. Always read and understand the relevant safety information before using this product or performing any procedure described in this document.



WARNING

Indicates a hazardous situation which, if not avoided, could result in death or serious injury.



CAUTION

Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury or damage to the product.

MC_0800

Responsibility of the installer

General:

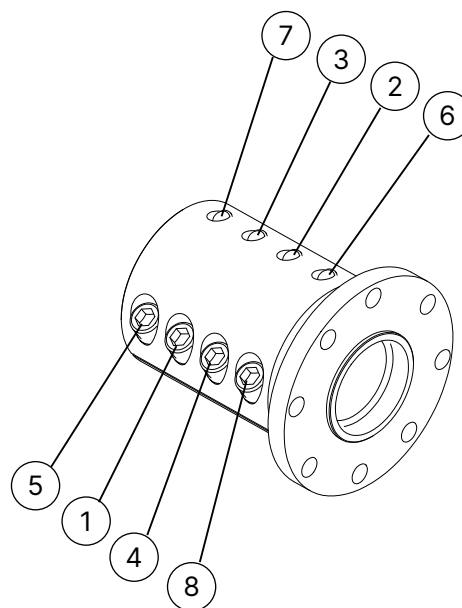
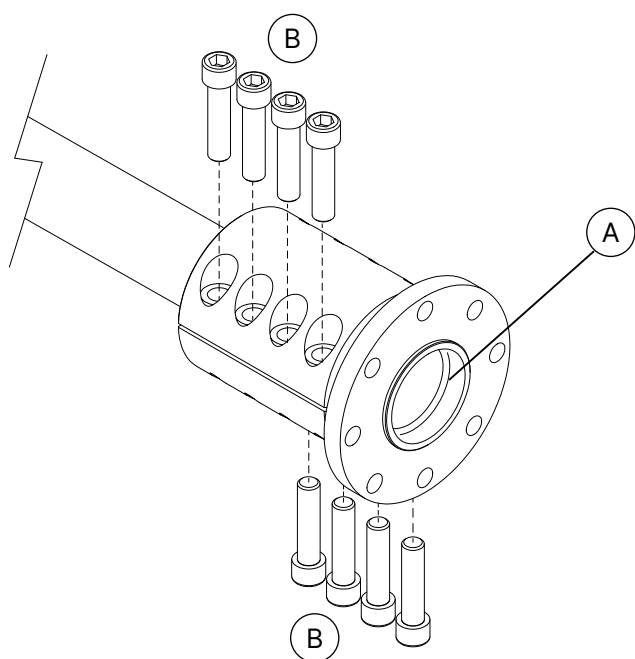
- The installer must read this document to ensure necessary familiarity with the product before installation.
- Directions outlined in this document cannot be guaranteed to comply with all international and national regulations, including but not limited to health and safety procedures. It is the installers responsibility to adhere to all applicable international and national regulations when installing Sleipner products.
- This document contains general installation guidelines intended to support experienced installers. Contact professional installers familiar with the vessel, Sleipner products and applicable regulations if assistance is required.
- If local regulation requires any electrical work to be performed by a licensed professional, seek a licensed professional.
- When planning the installation of Sleipner products, ensure easy access to the products for future service and inspection requirements.

MC_0038

- Ensure clamp flange is correct according to efficacy and shaft.
- Clean clamp and shaft, and remove if there are any burrs.
- Carefully expand the flange slot with a wedge or similar. **(NB: Do not damage the flange or shaft.)**
- Run the shaft to the inner position where the shaft is 1 mm from the clamp flange front edge. **(Reference A).**
- Remove wedge.
- Apply oil/grease on all bolt threads. **(Reference B).**
- Tighten all bolts until you feel resistance.
- Torque the bolts to 20Nm as shown in the pattern below.
- Torque the bolts in 3 sequences as shown in the pattern below, and in accordance with table.

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Sequence	M10	M12	M16
1	40 Nm	70 Nm	150 Nm
2	60 Nm	100 Nm	220 Nm
3	75 Nm	130 Nm	330 Nm

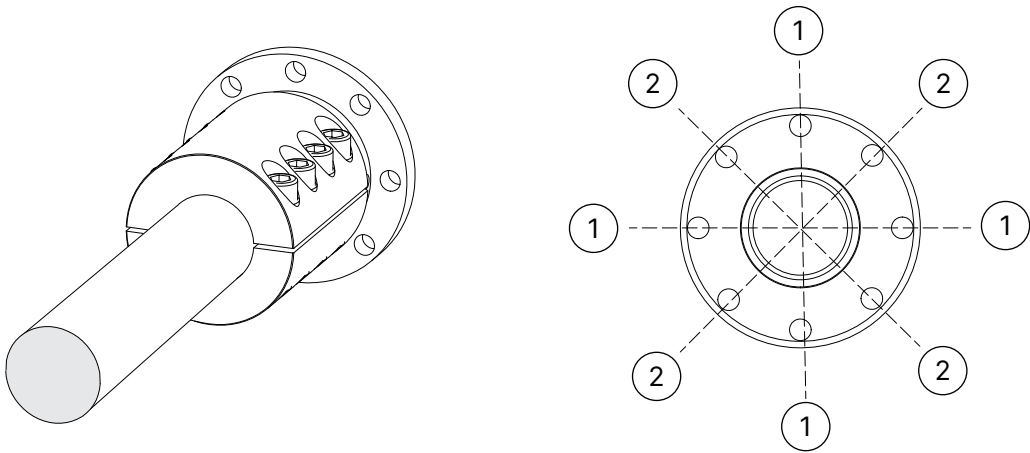


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- Ensure that the engine is geared/positioned in order to standard.
- Apply oil/grease on all bolts.
- Tighten all bolts until you feel resistance.
- Torque the bolts to 20Nm in a cross pattern as shown in the illustration below.
- Torque the bolts in a cross pattern according to table below.

MC_1191

M10	M12	M16	7/16"
45 Nm	70 Nm	180 Nm	65 Nm



MG_1165

Introduction:

At Sleipner Group, we prioritize sustainability and encourage the repair and re-manufacturing of products to extend their life cycles. If disposal is necessary, please follow these guidelines to recycle and manage waste responsibly, ensuring our efforts align with environmental protection efforts.

Electric motors and electronics

- Disconnect from any power sources and dismantle them carefully.
- Recycle components through certified e-waste recycling centers that can adequately handle and recover electronic materials.
- Dispose of any non-recyclable electronic parts according to local environmental regulations.

Metals:

- Collect and sort metal parts for recycling as scrap metal.
- To increase recycling efficiency, ensure that metals are clean and free from non-metal attachments.

Plastics:

- Identify recyclable plastics based on local recycling guidelines.
- Remove any non-plastic components and clean them before recycling to improve the quality of the recycled material.

Hazardous materials:

- Correctly identify any hazardous substances within components, such as batteries or capacitors etc.
- Follow local regulations for the safe disposal of hazardous materials to prevent pollution and protect environmental health.

General disposal instructions:

- Consult local recycling programs to determine the acceptability of various materials.
- Use authorized disposal services to ensure compliance with environmental standards.

Safe disposal practices:

- Adhere to local laws and regulations for waste management to minimize environmental impact and ensure community safety.

This guide is designed to help reduce our products' environmental footprint through responsible end-of-life management. Please contact your local waste management supplier or our support team for more specific disposal information or further assistance.

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