

# Safety & Handling Guide

## Component Sets and Gearheads

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ATTENTION: The user is responsible to ensure that Conic Systems' products are suitable for a given application. Proper risk mitigation and preventative measures must be taken by the user to eliminate the possibility of death, injury, or equipment damage resulting from product failure or application.



ATTENTION: The user is responsible for addressing the following concerns and all instructions provided. Failure to do so may result in the possibility of death, injury, or equipment damage. Only properly trained personnel should apply, use, and handle the equipment.

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## Safety Guide

### Follow the specified procedure for installation.

- Follow the installation methods and procedure as described in the catalog.
- Use the connection method recommended in the catalog, proper design practice, and the VDI 2230 specification.
- If the product is operated without proper installation, vibration, decrease in life, poor precision, and damage may occur.

### Use the product with the required precision.

- Design and assemble each part so that the installation precision recommended in the catalog is achieved.
- If the proper precision is not maintained, vibration, decrease in life, poor precision, and damage may occur.

### Use the specified lubricant (see lubrication document).

- The operating life may become shorter if a lubricant other than the recommended one is used.
- Only use a lubricant within its specified operating, storage, and temperature ratings.
- Change the lubricant at its recommended intervals.
- Component sets are shipped with a coating of a rust preventative liquid. Users must remove this rust preventative liquid prior to use.
- If a Product is shipped pre-lubricated with its proper quantity of lubricant, do not add additional lubricant.

### Handle the product properly.

- Do not exert strong shocks to the product. Hammers or dropping the product can result in dents, scratches or other damage.
- Damaged products should not be used.

### Do not exceed the product performance specification.

- Avoid torque or speed levels which are above the allowable maximum. Bolts may loosen and product damage may occur.
- Avoid situations where an emergency stop condition will exert excessive torque on the product.

**Maintain the components as a matched set.**

- A product, particularly a component set, will be shipped with various individual parts comprising a matched set. These parts are not interchangeable with parts from another product of the same type.
- Failure to maintain parts as a matched set may adversely affect the performance of a product.

**Factory assembled products or sub-components should not be disassembled.**

- Do not disassemble or reassemble products that are shipped pre-assembled from the factory. Disassembly may adversely affect the performance of the product.

**Handle the lubricant according to the recommended procedures.**

- Failure to maintain proper handling procedures may cause health problems or death.
- Follow proper First Aid procedures in case of contact with the lubricant.

**Dispose of obsolete products and waste lubricants according to applicable laws.**

- Failure to maintain proper disposal procedures may cause environmental damage.

## Handling Guide

**Inspecting the product upon receipt**

- Make sure that the model number and quantity on the packing slip matches the purchase order.
- Make sure that all parts and subcomponents are provided upon receipt.
- Ensure there is no damage to the packaging or shipping container.

**Model Number Nomenclature**

AAA-BBB-CCC-DD-XXXXX

AAA: Model

BBB: Size

CCC: Ratio:

DD: Configuration

XXXXX: Special Ordering Code

**Handling Recommendations**

- Proper handling is required to ensure the desired performance of the product.
- A product, particularly a component set, will be shipped with various individual parts comprising a matched set. These parts are not interchangeable with parts from another product of the same type.
- Damaged products should not be used. Damage can severely decrease the performance and reliability of a product.
- Inspect, store, and install products in a clean and dry environment.
- Prevent debris from entering the product's moving parts.
- Component sets are shipped coated with a rust preventative oil. This oil must be removed prior to applying the recommended lubricant.

Consult the company website for: Additional Technical Data, Standard Terms and Conditions, and Warranty.