

## General Procedure (Horizontal Pumps)

# Non-Coupling Side (Axial) Bearing Placement

### ATTENTION

This procedure is applicable **only for horizontal pumps**.

1. Place the non-coupling side (axial) bearing over the shaft from the non-coupling side.

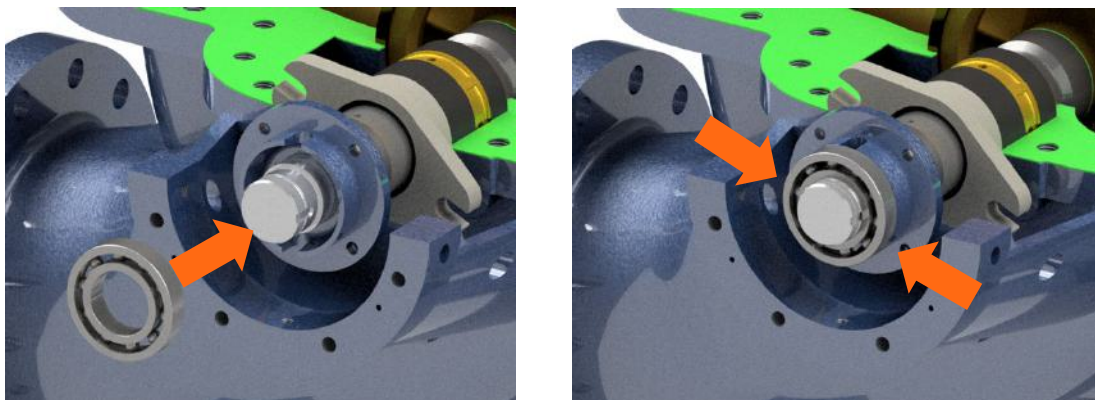


Figure 1. Placing the non-coupling side (axial) bearing over the shaft from the non-coupling side.

### ATTENTION

The bearing must be heated to 212 °F (100 °C). The bearing should be passed 3 times over the heater for demagnetization. This should be done for the proper installation and function of the bearing.

### ATTENTION

If there is no way of properly heating the bearing for installation, a bearing installation kit approved by the bearing manufacturer can be used to perform a bearing installation at room temperature.

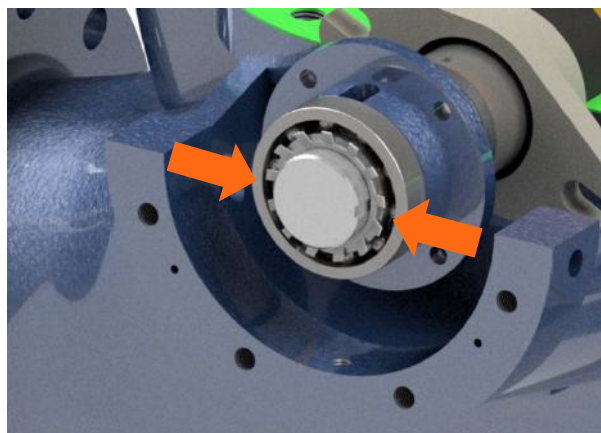
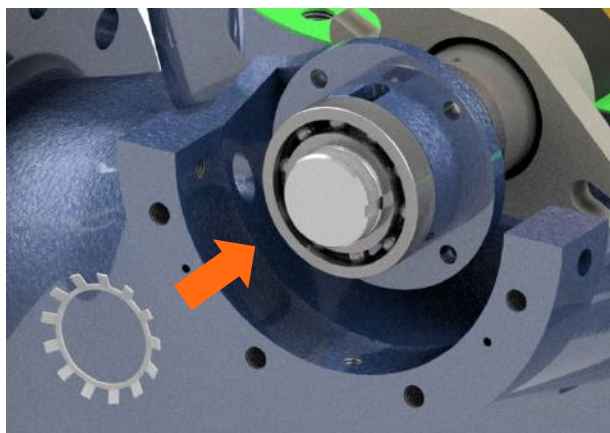


*Figure 2.*  
Example of a bearing installation kit  
approved by the bearing manufacturer.

## ATTENTION

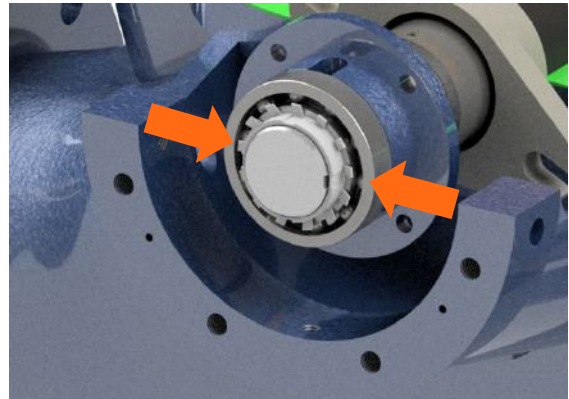
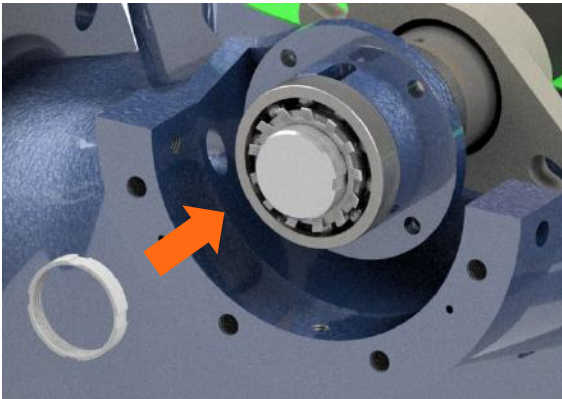
Lubricate with grease or oil the inner diameter of the coupling side bearing and the outer diameter of the coupling side of the shaft.

2. Place the bearing lockwasher over the shaft from the non-coupling side until it reaches the non-coupling (axial) bearing.



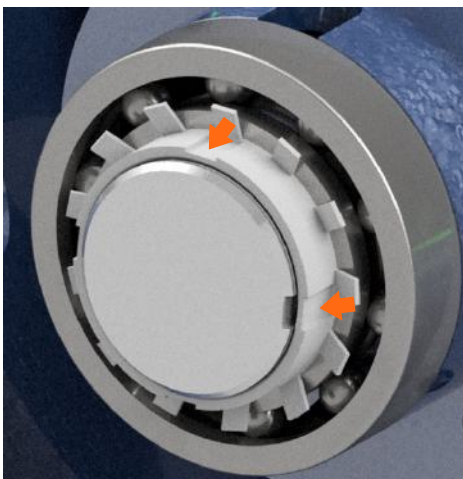
*Figure 3.* Placing the bearing lockwasher over the shaft from the non-coupling side.

3. Place the bearing locknut over the shaft from the non-coupling side until it reaches the bearing lockwasher.



*Figure 4. Placing the bearing locknut over the shaft from the non-coupling side.*

4. Bend one of the tabs of the non-coupling (axial) bearing lockwasher towards one of the slots of the non-coupling (axial) bearing locknut.



*Figure 5. Bending one of the tabs of the axial bearing lockwasher towards one of the slots of the axial bearing locknut.*

## ATTENTION

In search of a match between a tab of the non-coupling side (axial) bearing lockwasher and a slot of the non-coupling side (axial) bearing locknut, the locknut should always move forward, never backwards.