

# Installation of NG flange bearing

## Installation preparation:

- Remove bolts from cover plate.
- Remove cover and eccentric collar from the housing.
- Remove any and all metal shavings and corrosive protective glazing from shaft.
- Before installation: To minimize future removal issue a "stick-slip" lubrication/grease/spray should be applied.
- The most effective corrosive installation lubrications/grease/spray are Molykote GN-plus and G-Rapid plus.

## Installation of the flange bearing:

- The housing should slide freely on the shaft without the use of tools.
- The bearing is carefully pushed onto the shaft preventing damage to the oil-seal.
- When the flange housing and bearing is in place, install and secure bolts through the mounting holes according to specification.
- Push the eccentric collar in place and turn the collar **clockwise** using a wrench or hammer and punch. Lock the collar in place with the set screw (grub screw).
- Before installing the cover, check the O-ring is seated correctly in the O-ring channel.
- Install cover and tighten bolts according to specification.

## Grease flange bearing housing after installation:

- The spherical bearing is maintenance free.
- After installation of the housing: fill housing with grease to prevent condensation and prevent damage to the doubled lip seal.
- It is recommended that the shaft is turning during greasing of the housing. The housing is full, when grease exits around the oil-seal.
- Weekly greasing of the housing is recommended or more often based on condition and usage of the flange bearing.

## Removal of the flange bearing:

- Remove cover from housing. Remove the set screw (grub screw) from eccentric collar, remove collar by turning it **clockwise** using a wrench or hammer and punch. Remove from shaft.
- Remove all grease from the shaft. The edge created from the set screw (grub screw), is removed by using sandpaper. Remove flange bearing from the shaft.

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