

04 / PREMATURE FAILURE IN BEARINGS

MOUNTING THE BEARING WITHOUT MOUNTING THE INNER SIDE O-RING

⊘ CAUSES

- When we installed the bearing we didn't include the O-ring, due to a careless procedure. This type of failure can also occur because the bearing has been damaged during handling, damaging the O-ring as well and losing its sealing.

⚠ CONSEQUENCES

- Entry of water and dirt to the shaft and the bearing from the inner side. (F1)
- Seizure of bearing from entry of water and dirt, causing oxidation. (F2)

(F1)



(F1)



(F2)



(F2)



RECOMMENDATION

Pay attention when setting the O-ring. It helps to seal the bearing, preventing water and dirt from entering. Always make sure that it is fully seated and secured in the groove.