

TIMKEN –LUBRICATION



To help maintain a bearing's antifriction characteristics, lubrication is needed to:

1. Minimize rolling resistance due to deformation of the rolling elements and raceway under load by separating the mating surfaces.
2. Minimize sliding friction occurring between rolling elements, raceways and cage.
3. Transfer heat (with oil lubrication).
4. Protect from corrosion and, with grease lubrication, from contaminant ingress.

