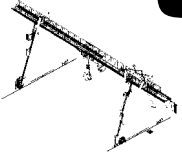


UPDATE



Fall, 1988

Bearing Failures

Following is a short guide to help you trouble shoot common roller bearing problems:

- If you encounter a high pitched noise, the reason is probably misalignment. Correct the alignment.
- A low pitched noise indicates a brinelled bearing. Replace it.
- There can be several reasons for a hot running bearing. Over and under lubrication are two of them. Other reasons could be excessive load or excessive speed. Check bearing loads.
- If the shaft binds when rotated, you could have either a bent shaft, misalignment or dirt in the bearing.
- Wear of shaft seat can be caused by bearing shaft finish or by too much shaft to bearing clearance. In both cases, it is best to replace the shaft.