



**Aetna Bearing engineers work closely with customers to develop unique bearing solutions with specialized features to meet application requirements and solve functional problems. Aetna's innovations in special bearings range from standard bearings with slightly modified dimensions to intricate Assemblies, which integrate the bearing function into a complete mechanism.**

**In many cases, the overall cost of equipment can be reduced by incorporating special or customized bearings. For applications such as Agricultural, mating components can be integrated into the bearing, for example mounting flanges, gear teeth, spring carriers and integral O-rings grooves. The performance and installation benefits to be gained from using custom-designed bearings include:**

- Improved assembly reliability**
- Enhanced rigidity or stability of the system**
- Better location control through proper bearing orientation**
- Reduction in handling operations and contamination**
- Improved alignment of the rotating assembly**
- Weight reduction**
- Improved resistance to temperature extremes**
- Reduction in tolerance stack up**

**SECTION A-A**