

Applications include: Artificial Lifts ESPs & PCPs, Compressors, Turbines, Windmills, Generators, Gear Drives, and Motors



Ceramic Thrust Bearings

These highly versatile bearings are able to operate in extremely harsh environments. They can be run in oil, process fluid, or contaminated lubricants. They have a high load capacity and are capable of running in a high temperature environment. They are available in Silicon Carbide and Tungsten Carbide. They also provide added reliability in the event of a seal failure.



Large Diameter Bearings

With the technologies developed in part by RIDE, bearings are capable of being designed to meet any envelope requirements. This allows the bearings to theoretically be as large as the assembly requires.

Typical applications may include, windmills, hydroelectric turbines, and aggregate.



Load Sharing Capability

Patented technology designed by RIDE engineers allows for bearings to distribute load axially as well as compensate for any misalignments within the assembly.

This design allows for theoretically unlimited load with the addition of our proprietary spring mounted stacked bearing technology.

NOTE:

All bearing types can be made using traditional line contact pivots or self-aligning design. They can be custom made to fit even the most demanding applications.