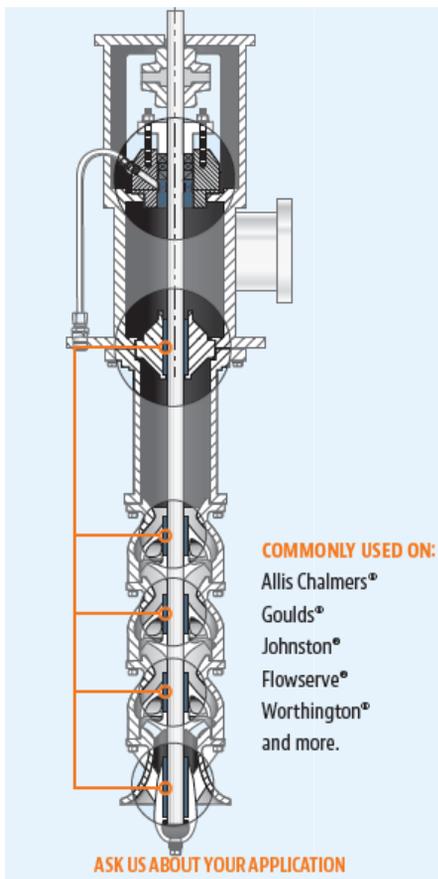


SealRyt® Line Shaft Bearings



Any shaft utilizing a steady bushing for support, whether vertical or horizontal, is a candidate for a SealRyt® Line Shaft bearing. These locations can be found inside tanks on agitator shafts, vertical pump columns, auger screw supports, powder blade mixers, marine drive shafts and so on.

Advanced Materials and Close Clearances Outperform OEM Bearings.



OEM bushings are supplied of many materials with normal clearances of .015" to .020". These materials tend to wear rapidly, the clearances open, and the shaft is no longer steadied. The SealRyt® Corporation manufactures bearings to replace these OEM bushings with much closer clearances, each one built to specific customer supplied dimensions and each designed to greatly extend service life and optimize the application. Depending on the holding mechanism, the SealRyt® Line Shaft Bearings can be held in place with anti-rotation pins, press fit, or end caps. All these methods are designed into our bearings reflective of holder requirements. The use of SealRyt® Line Shaft Bearings, by centering the shaft and keeping it there, optimizes the delivery end of the equipment, whether props, impellers, blades or flights. Further, this long-term stabilization minimizes wear and tear on the outside roller bearing support systems.

ADVANTAGES

Machined to close-clearance, the bearing stabilizes the shaft and prevents movement

Cavitation caused deflection is minimized which results in minimal friction to sleeve/shaft
Polymer material far outlasts competitors such as bronze, Riotex, Micarta, and Teflon compounds.

High performance, ultra pure heat conductive bearings can virtually eliminate sleeve/shaft wear

High-Performance Thermoplastic Bearing Block

Tremendous compressive strength

Impervious to most chemicals.

Virtually no dimensional growth up to 260°C

Split, pinned, drilled and tapped for easy installation and removal.

Available as split bearing with lantern ring groove for use in stuffing box sealing.
(Product Name: BLR).

- Split Design For Easy Installation
- Specialty and FDA/USDA Compliant Bearing and Textile Materials Available

Examples of Shaft Bearings available

