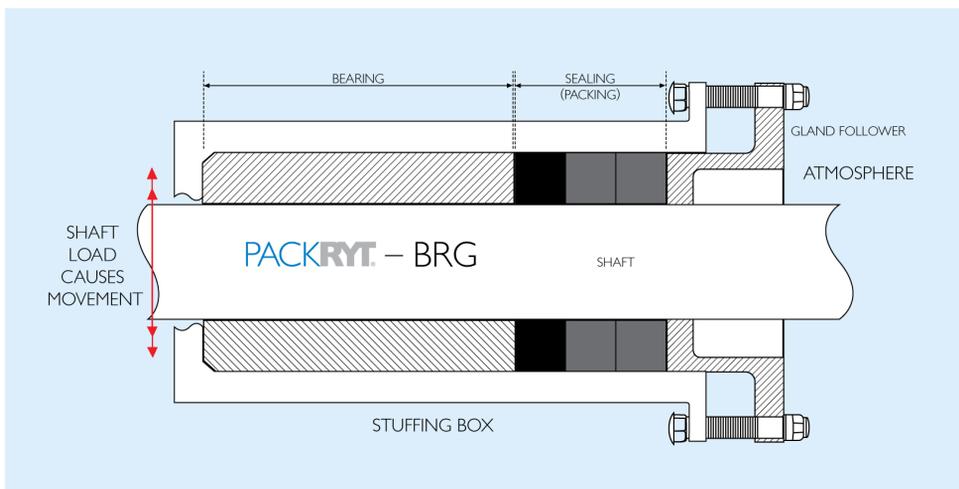


## BRG\* – Bearing Sealing System



The PackRyt® Sealing System is a unique stuffing box sealing arrangement that incorporates a bearing with premium SealRyt® mechanical packing. This replaces outdated high-quantity packing configurations. Our system brings shafts into concentricity and keeps them there, significantly increasing sealing reliability



### Advantages

- Machined to close-clearance, the bearing stabilizes the shaft and prevents movement
- Cavitation caused deflection is minimized
- Results in minimal friction to sleeve/shaft
- Minimal clearance sharply throttles solids, which allows the premium packing to keep solids out of the shaft area
- Little, or in some cases, no leakage from gland follower to atmosphere
- Eliminates need to constantly adjust packing
- As few as two rings of packing required
- High performance, ultra pure heat conductive sealing rings can virtually eliminate sleeve/shaft wear

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## 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 (Product Name: BLR).

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



## CASE STUDIES

### Dissolving Tank Agitators

A PackRyt® Sealing System was installed on 4 hard coated shaft tank agitator units and they have been running trouble free for over 2 years.

Previously these units had shaft change outs every year at a cost of approximately \$80,000.00.

### Stock Pumps

A PackRyt® Sealing System was installed on a 3175 stock pump having extreme leakage and maintenance issues. The PackRyt® eliminated the problems. All pumps and agitators on the paper machine and the pulp dryer are now being considered for change out.

### Fibre Line Equipment

A chip chute pump was being re packed every 2 months and now with the PackRyt® Sealing System installed it has one annual packing change. The bearing has had a life span of over 5 years.