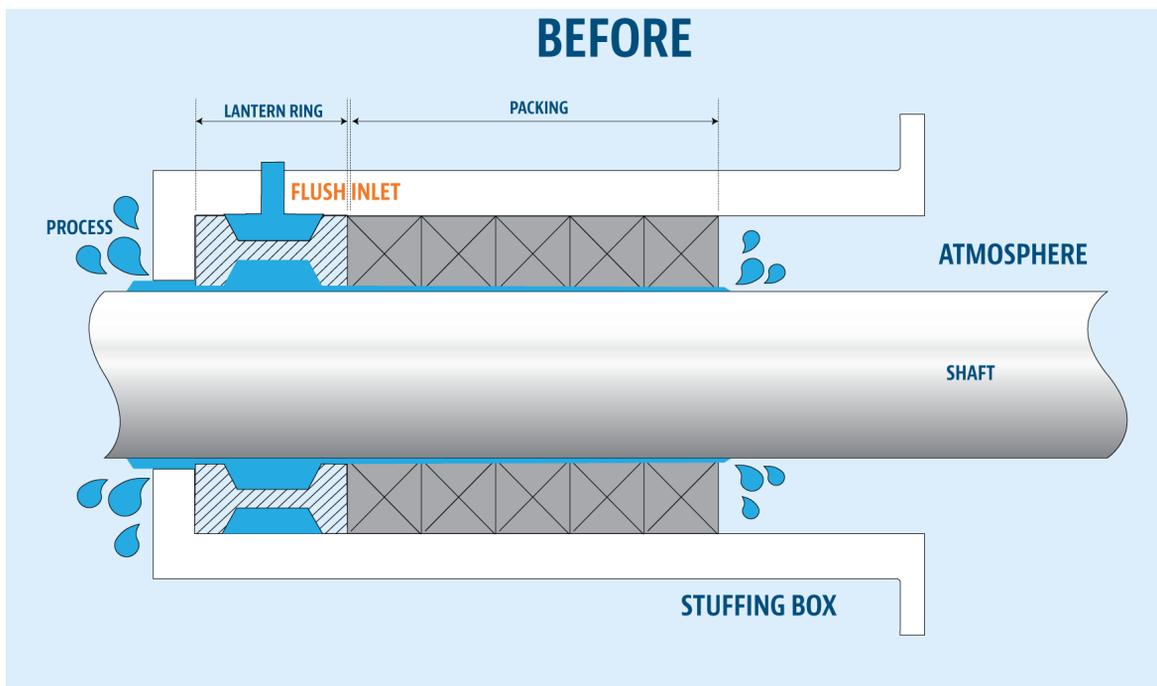


# DIVERTER® – Flush Relocation Without Stuffing Box Modification



The PackRyt Diverter is a unique stuffing box sealing arrangement that incorporates a flush channel relocation system internally within the composite bearing. This replaces outdated lantern ring/packing configurations that dump excess water into the process. The Diverter relocates the flush deposit and drastically throttles flush volume. Our system ALSO brings shafts into concentricity and keeps them there, significantly increasing sealing reliability.

## Traditional Inefficient Sealing Method



## Lantern Ring at the Bottom of the Box

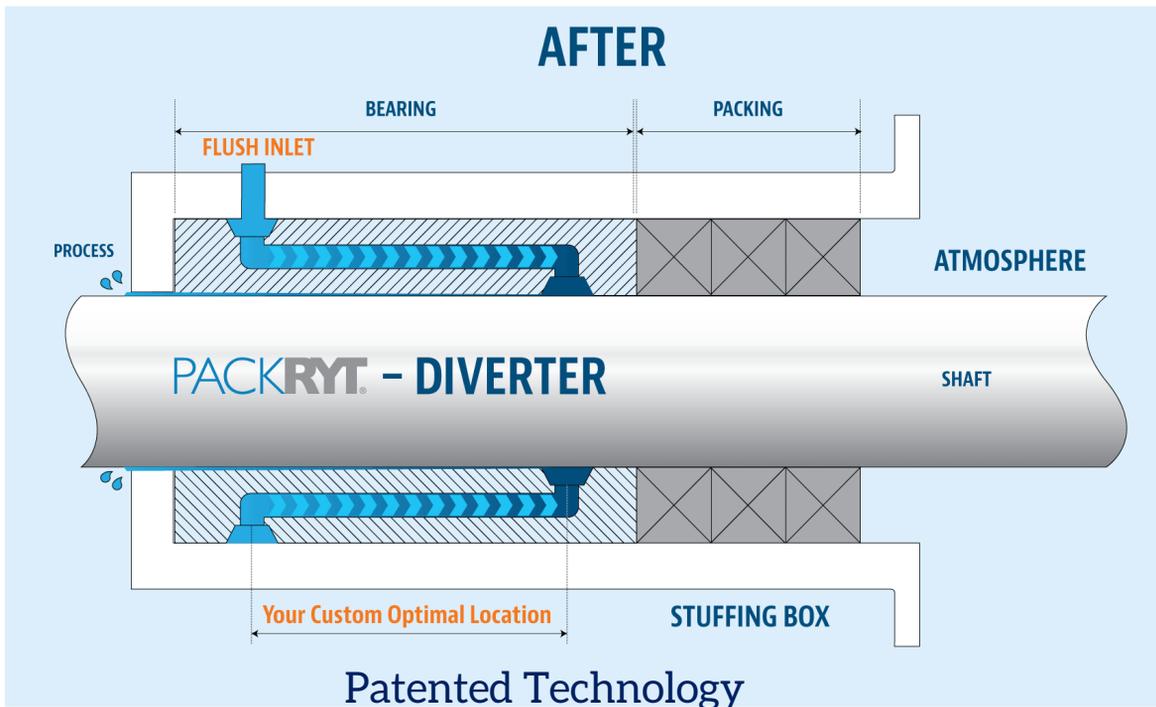
### The Problem

- Many pump and equipment manufacturers locate the flush water port at the bottom of the stuffing box.
- Flush water is allowed to flow in very high volumes to process unchecked.
- Manually reducing flush flow allows slurry to enter the stuffing box and destroy expensive hard parts.

# DIVERTER<sup>®</sup> – Flush Relocation Without Stuffing Box Modification

Moving Flush Deposit away from the process Drastically Reduces Volume used.

## DIVERTER Bearing Sealing System



## The Solution

The PackRyt Diverter solves the problem and more.

- Flush water is relocated to the optimal position for YOUR application using channels within the bearing.
- Shaft stabilization technology prevents shaft movement such as run-out and deflection.
- No equipment modifications required.
- The PackRyt Diverter Sealing System greatly increases sealing reliability and equipment bearing life.

**UP TO 85% REDUCTION IN FLUSH AUTOMATICALLY!**

## 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 low-flush to keep them out of the shaft area  
Flush use reduction averages over 65%  
Flush flow remains constant  
Automatically positions flush channel correctly, lantern ring cannot move past flush inlet  
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.

## 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 without internal channels (Product Names: BLR and BRG).

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

