

SLURRY PUMPS

Provide Permanent Bearing Protection In Harsh Sealing Environments

Slurry pumps are large centrifugal pumps, deployed heavily in the mining industry, that move slurry mixtures throughout the process. The slurries are very abrasive, making it challenging to seal the equipment effectively. The slurry quickly deteriorates standard seals, including lip seals, allowing the mixture to enter the bearing housing and cause bearing failure. This leads to unscheduled downtime and high maintenance costs due to frequent bearing assembly changes, including shafts, bearings and seals.



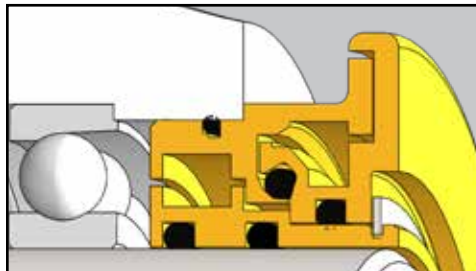
Slurry pump with Inpro/Seal Bearing Isolator

THE INPRO/SEAL VB45-SLR UTILIZES OVER 45 YEARS OF KNOWLEDGE TO PROVIDE MAXIMUM BEARING PROTECTION ON SLURRY PUMPS.

The VB45-SLR Bearing Isolator is a non-contacting, non-wearing compound labyrinth seal specifically designed for slurry pumps to provide permanent bearing protection against contamination ingress and lubrication loss. Utilizing a robust, unitized construction for challenging applications and environments, the VB45-SLR can be used for any common lubrication type, including grease or oil splash, and is IP66 rated for superior protection against dust, water spray or slurry ingress.

VB45-SLR Features:

- **Non-contacting design** has no wearing components, allowing the seal to last the lifetime of the bearing
- **Enlarged internal chamber and expulsion port** provides superior contamination exclusion capabilities
- **Oversized D-groove** provides significant lubrication protection
- **Unitized construction** protects against rotor/stator separation in extreme environments



VB45-SLR Bearing Isolator

ADVANTAGES

Inpro/Seal VB45-SLR Bearing Isolators:

- Increase slurry pump bearing life and reliability.
- Are designed to work in any common lubrication environment, including grease and oil splash.
- Are IP66 rated for superior contamination protection, protecting against water or slurry ingress from direct heavy spray.
- Utilize a non-contacting design that will last the lifetime of the assembly.
- Are custom engineered to meet the requirements of a variety of shaft sizes and pump configurations.

