

# Centritec Seals™

## Centrifugal Pressure Driven Non-Contact Seal

Centritec Seals™ are the world's only centrifugal, pressure-driven, non-contact seals. This patented design prevents lubricant leakage by using centrifugal pressure to pump the lubricating fluid back into the seal's rotating containment chamber. This continuous pressure creates an impenetrable barrier and eliminates seepage.

When two seals are installed back-to-back, not only are lubricants kept in, but containments – such as snow, dirt, water and dust – are kept out. A single Centritec Seal can also be installed with a contact lip-type seal to keep the contact lip free of contaminants.

The seal's design allows air to circulate so the seal “breathes”, eliminating moisture build-up in the housing while also lowering lubricant operating temperatures. Even with their precise operations, Centritec Seals are unaffected by vibration and axial movement as large as .060-inches.

Designed for horizontal and vertical installation, and high speed, high temperature environments, Centritec Seals are ideal for a range of applications. Their innovative design reduces maintenance and reduces equipment downtime, saving time and money.



### PROVEN VALUE

- Reduce equipment outages
- Lower maintenance costs
- Save energy



Centritec Seal Cutaway

### BENEFITS

- Minimal lubrication leakage
- No wearing parts
- Unaffected by vibration and axial movement in excess of .060 inches
- Operating speeds up to 50,000 RPM
- Reduces heat build-up
- Eliminates internal moisture
- Operates in -65°F to 650°F
- Self-venting
- Operates in liquids, greases and in many gases
- Available in steel, brass & polymers
- Custom designed for your application
- Easy to install
- Vertical or horizontal usage



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