



FALK
V-CLASS

• TOUGH • RELIABLE • COOL • EASY TO SERVICE • QUIET • SHIPS FAST • GLOBAL SUPPORT • RELIABLE • COOL •

Axial Bush Seal

This is simply a tight tolerance bore in the seal carrier providing a very small opening between the shaft and seal carrier. As the shaft rotates, it is difficult for oil to seep through.

Oil Drainback

This allows for the oil that does get past the axial bush seal to drain back through the housing to the oil sump.

Air Vent

This feature allows the air to vent back through the housing, so the drainback port can be completely dedicated to flowing oil, preventing any pressure from building up behind the lip seal. "No pressure, no problem."

Contact Lip Seal

The contact lip seal retains the gearbox lubrication while preventing the grease and contaminants from entering. There is plenty of room to have two tandem lip seals back-to-back or to relocate the lip seal to a fresh unworn portion of the shaft journal.

Grease Cavity

This cavity is filled with grease to keep out dust, dirt and other contaminants. Periodically introduce fresh grease through the grease fitting to purge out contaminants.

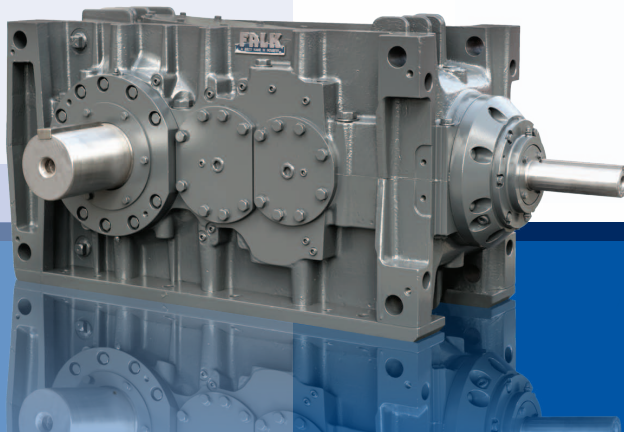
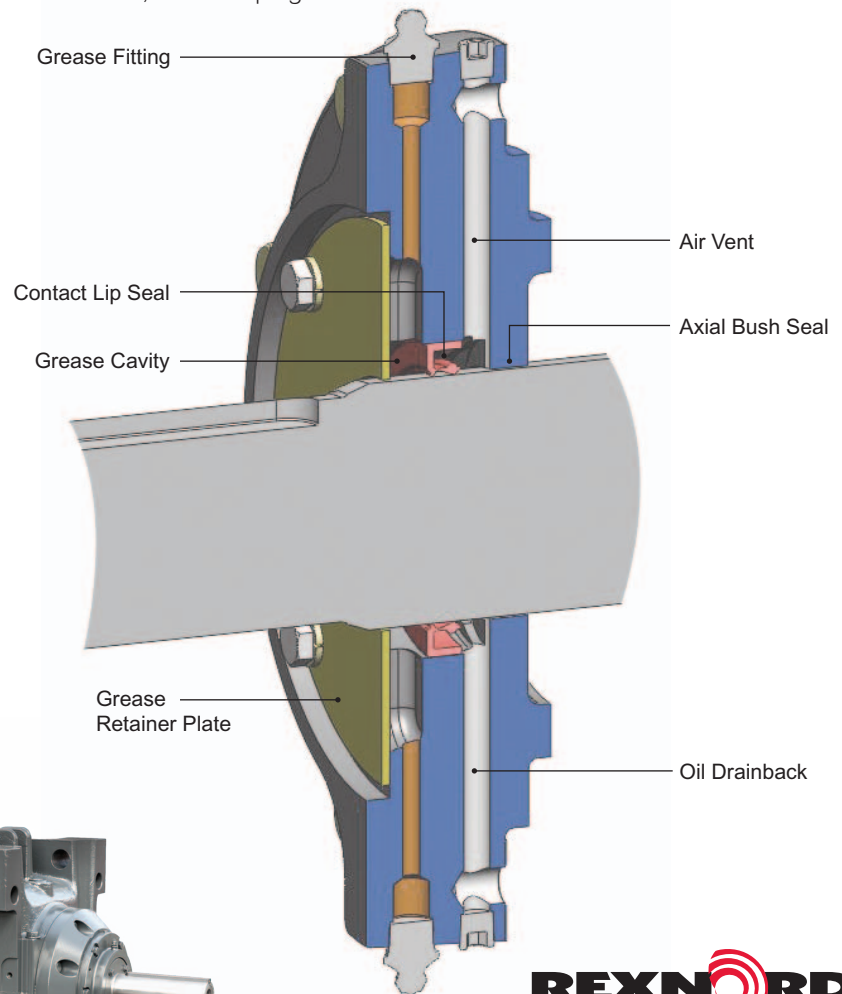
Grease Retainer Plate

This is a bolt on plate that is easily removable and provides a barrier to hold the grease. Excess grease is able to purge out from the inner bore of the plate.

Tough. Reliable. Cool. Easy to service. Quiet. Proven.

Featuring the Falk Magnum Seal System: Helping the Falk V-Class™ gear drive deliver the difference

Extreme industrial applications demand a gear drive that performs every day, no exception. That means longer seal life, improved thermal performance and increased operating life. It means shorter lead times, convenient serviceability and faster, easy-access support. It means the Falk V-Class – a drive engineered to deliver power, durability and reliability under the toughest conditions. The Falk V-Class Magnum Seal System has an exclusive no-leak design with a purgeable grease chamber and a contact seal that eliminates oil leaks, while keeping dirt out.



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