



Redefining Reliability

IN MINING APPLICATIONS



OUR INNOVATION MOVES

The demands of the mining industry are nothing new to Falk drives. For more than 100 years, mining companies around the world have relied on our drives to power conveyors and equipment in facilities above and below ground, move raw materials through every stage of the mining process, and carry residual materials out of the way.

The Falk V-Class® is built to handle even bigger challenges. It takes on the toughest jobs, delivering power, durability and reliability under the most difficult conditions — and with the addition of the Rexnord Smart Condition Monitoring System®, is redefining reliability.



MINING: THE FALK V-CLASS DRIVE DELIVERS THE DIFFERENCE

Designed for maximum reliability

When uptime matters, the Falk V-Class delivers:

- **Maximum performance under load** — Proven Falk legacy advanced gearing offers optimized tooth size and shape
- **Enhanced reliability** — Smart Condition Monitoring System for continuous monitoring solutions ranging from overall gear drive vibration and temperature up to comprehensive cloud-based notification of abnormalities
- **Easier to service** — Horizontally split housing outperforms all competitors
- **Cooler running box** — Computational Fluid Dynamics (CFD) housings, fins, and oil flows deliver the industry's coolest performance. Add the optional DuraPlate™ patent pending cooling system or split fan for even greater cooling.
- **Seal oil in, keep dirt out** — Falk Magnum seals use DrainBack technology and grease-purgeable lip seals
- **Proven bearings** — Enhanced-rated bearings are commercially available and can be conventionally installed
- **Improved thermal performance** — Housing design uses oil dams and troughs to ensure bearing lubrication and optimal oil level
- **Versatility** — Modular gear and component designs maximize configurations and installations, and minimize duplication of spares
- **Industry's longest standard warranty** — 36 months

Mining Applications

Conveyors

Belt
Drag
Pan
Apron
Stacking
High Incline

Elevators

Bucket/Chain
Bucket/Belt

Reclaimers/Stackers

Radial
Traversing
Slew

Feeder Breakers

Loaders/Unloaders

Rail
Truck/Car
Barge/Ship

Classifiers

Rotary
Spiral

Dryers

Drum
Rotary
Vertical

Crushers

Cone
Jaw
Roll
Gyratory

Pumps

Mud
Rotary
Displacement
Slurry

Feeders

Belt
Flight
Plow/Rotary

Flotation Cells

Mills

Autogenous
Ball
Bowl
Mill/Dryer
Pulverizer
Rod
Roller

Mixers and Blenders

Blender, Flotation
Mixer, Batch
Mixer, Continuous
Thickener

Separators

Magnetic
Smelter



www.rexnord.com/contact

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