



# Redefining Reliability

## IN POWER GENERATION APPLICATIONS



OUR INNOVATION MOVES

Whether your operation is on land or miles offshore; petroleum, gas, coal, or wind; Falk engineers the process and products you need to maintain maximum uptime. For more than 100 years, our drives have been powering the power industry, delivering the fuel that keeps our country running.

The Falk V-Class® takes on the toughest jobs in the energy industry. It's the drive you can rely on for power, durability and reliability under the most challenging conditions – and with the addition of the Smart Condition Monitoring System®, is redefining reliability.



### POWER GENERATION: 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

### Power Generation Applications

#### Conveyors

Belt  
Drag  
Apron

#### Reclaimers/Stackers

Radial  
Traversing  
Slew

#### Loaders/Unloaders

Rail  
Truck/Car  
Barge/Ship

#### Elevators

Bucket/Chain

#### Classifiers

Rotary  
Spiral

#### Crushers

Cone  
Jaw  
Roll  
Gyratory

#### Dryers

Drum  
Rotary  
Vertical

#### Feeders

Belt  
Flight  
Plow/Rotary  
Screw  
Volumetric  
Weigh



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