



Redefining Reliability

IN PULP & PAPER APPLICATIONS



OUR INNOVATION MOVES

Making paper mills more efficient is at the heart of what we do. From the woodyard, to the sawmill, to the manufacturing process itself, versatile Falk drives have been part of the pulp and paper industry for more than 100 years.

The Falk V-Class® delivers power, durability and reliability under the most challenging conditions – and with the addition of the Smart Condition Monitoring System®, is redefining reliability.



PULP & PAPER: 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

Pulp & Paper Applications

Power Plant

Coal Conveying
Mixers/Agitators
Cooling Towers

Sawmill Log Deck

Log Deck
Drum Debarker

Sawing

Carriage Drive

Drying

Conveyor

Paper Trimmers

Conveyor

Woodyard

Stacker
Hoist/Crane
Debarking
Drum
Log Deck

Chemical Recovery

Agitator
Mixer
Lime Kiln
Drag Conv. (lime)

Bleach Plant

Agitator
Mixer

Wastewater

Aerator
Belt Press

Dry End

Press Roll
Suction Roll

Wet End

Vacuum Pump
Screw Pump
Vacuum Filter
Fan Pump
Fourdriner
Couch Roll

Finishing

Size Press
Reel
Winder

Digesters

Rotary Valve
Digester
Mixer

Pulp Screws

Screw Conveyor
Screw Feeder

Difibrators

Pulper

Agitators
Blow Tank

Pulp Washers

Washer/Thickener
Drum
Filter Press

Lime Elevator

Lime Kiln

Lime Conveyor
Drag/Belt



www.rexnord.com/contact

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