



Get Your Gear Drive Faster

THROUGH NORTH AMERICA QUICK SHIP PROGRAM



OUR INNOVATION MOVES

Rexnord offers its exclusive Quick Ship capability on **new Falk 2310CTA Gear Drives** to provide solutions faster than industry-standard lead times.

With dedicated resources and stocked parts at our Lincoln, NE, plant, Rexnord has expanded capability to deliver orders in **4-6 weeks!** As a resource for both new installations and replacement parts, customers can count on Rexnord.



FALK CTA GEAR DRIVES:

- Directly replaces Amarillo gearboxes
- Meet or exceed requirements of CTI Std 111 and AGMA standards
- All bearings rated for 100,000+ hour L10 life
- USA assembly capability for Quick Ship Program

AVAILABLE OPTIONS:

- Low oil level switch
- Oil heater with thermostat
- Vibration sensors
- RTD temperature sensors
- Anti-reverse / backstop

Key Industries

- Power Generation
- Refineries
- Petrochemical
- Pulp & Paper

Applications:

- Cooling Towers
- Vertical Mixers

*4-6 week lead time
on new CTA units!*



FOR OVER 100 YEARS, Falk has been trusted to design and manufacture gear drives for the world’s most demanding applications. Our engineers created the **CT-Series Cooling Tower Gear Drive** to address many common issues in the cooling tower industry. The design helps reduce operating costs and increase uptime, resulting in more efficient operations in the harsh rigors of cooling tower and vertical drive applications.

FALK CT-SERIES SOLVES COMMON GEARBOX PROBLEMS

When designing the Falk Cooling Tower Gearbox, our engineers focused on optimizing performance and addressing common gearbox issues:

Common Gearbox Issue	Falk CT-Series Cooling Tower Gearbox Solution
Oil leaking, particularly at the drive input shaft.	Unlike other brands of gearboxes, CTA is designed with the oil level below the input shaft seals, which eliminates leaking.
High cost of replacement/interchange.	With critical mounting dimensions that match Amarillo, troublesome gearboxes can be easily replaced without the need to replace driveshafts or fan hubs.
High operating temperatures contribute to premature drive failure and excessive downtime, resulting in increased costs.	Integrated cooling fins greatly increase the housing surface area, improving heat dissipation and reducing operating temperatures, which ultimately extends the life of gearbox components.
Excessive sound and vibration levels cause noise violations and contribute to mechanical fatigue. Extreme sound can also contribute to unsafe noise levels for employees.	Thicker drive housing minimizes case deflections and dampens noise and vibrations. The use of premium steel shims maintains proper gear settings in harsh operating environments typical for wet cooling towers.
Costly add-on options are required for cooling tower operation.	The CTA drive comes with standard value-added features, including a high durability ISO 12944-5 C5 paint system, vibration-monitoring ports, and a ball valve. An optimized oil slinger provides proper lubrication without the need for a pump.

Falk 2310CTA Cooling Tower Gear Drive FEATURES AND BENEFITS:

