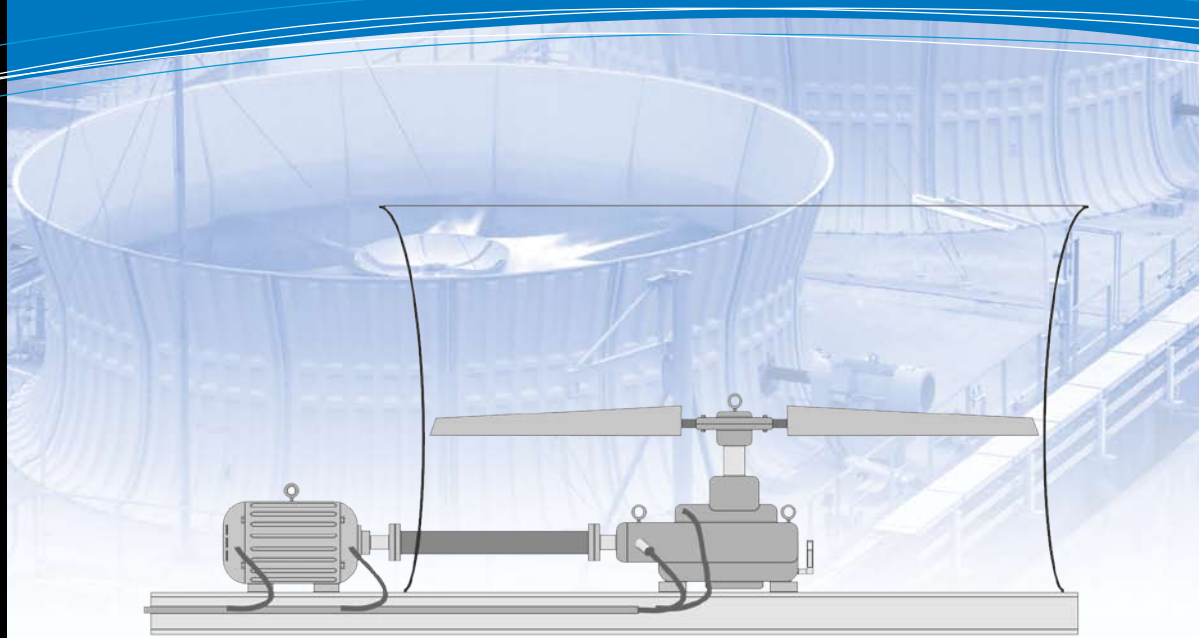


Cooling Tower Motor & Gearbox



ALTA ADVANTAGES

- Integration with existing plant infrastructure
- Synchronize process data with machine dynamic data
- Off-Line analysis without having to re-capture data
- Real-Time data Collection
- Advanced vibration and transient analysis
- Intelligent alarming
- Cybersecure

With Alta Solutions GAP Free collection you won't miss a beat.

Monitor, Analyze, and Protect your assets from common faults:

PUMPS: Critical, Structural Resonances, Impeller Eccentricity, Impeller Imbalance, Impeller/Diffuser Clearance(gaps), Recirculation (loe flow), Cavitation (low suction head), Oil Whirl, Wear Ring Clearance, Lubrication Loss, etc.

MOTOR: Bearing Faults, Air Gap Variation, Broken Rotor Bars, Eccentric Motor, Stator Flexibility, Off Magnetic Center, Stator Shorts

COMBINED: Mass Imbalance, Misalignment, Shaft Bow, Coupling Lockup, Thermal Variability, Distortion, etc)

ADVANCED CONDITION MONITORING SYSTEM



- Advanced Machine Analysis
- Powerful Transient Data Collection
- Seamlessly Plant Integration
- Built-In Flight Data Recorder

Additional Features:

- Machine Data Collection
- Industrial Chassis
- Plant Interfaces
- Sensor Support

COMPACT PROTECTION SYSTEM



- Real-Time Machinery Protection
- 24/7 Continuous Machinery Monitoring
- Modular and Cost Effective Package
- Inhibit and Trip Multiply Inputs
- Programmable Relay
- 4-20 mA Recorder Outputs

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