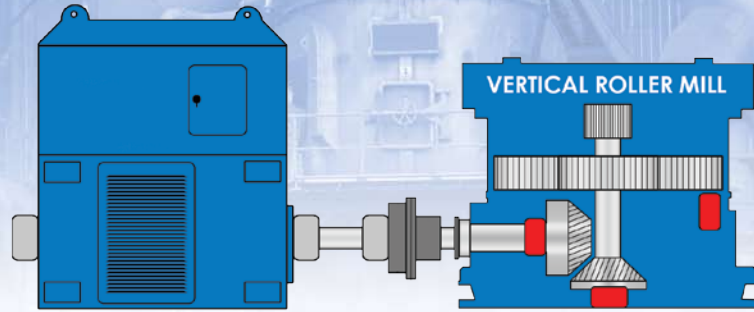


Vertical Roller Mill Gearbox & Motor

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.

SYSTEM MEASUREMENTS:

Shaft Vibration, Bearing Vibration, Position Measurement, Phase Measurements, Axial Position Protection, Process Variables, Temperature, Oil Wear Debris.

OPTIONAL: Power, Torque and Torsional Monitoring.

Common Faults to Diagnose:

MOTOR:

Bearing Faults, Air Gap Variation, Broken Rotor Bars, Eccentric Motor, Stator Flexibility, Off Magnetic Center, Stator Short.

GEARBOX:

Gear-Mesh Wear, Eccentric Gears, Broken, Cracked or Chipped Gear Teeth, Gearbox Distortion, Bearing Defects.

ADVANCED CONDITION MONITORING SYSTEM



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

Additional Features:

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

API 670 COMPACT MACHINERY PROTECTION SYSTEM



- API 670 5TH Edition Compliant Integrates
- Powerful Machine Analysis
- Modular System for Easy Upgrading and Replacement
- Supports for Multiple Standard Plant Interfaces
- Easy to Install and Maintain.
- Built-In

API 670 MPS WITH ADVANCED CONDITION MONITORING



- API 670 5th Edition Compliant
- Integrates Powerful Machine
- Analysis Modular System for Easy Upgrading and Replacement
- Uses Standard and Common Wiring Connectors
- Support for Multiple Standard Plant Interfaces
- Easy to Install and Maintain

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