

## **Mining and Cement**

Heavy loads. Debris and dirt. Extreme temperatures and other extreme conditions. These conditions make mines and cement plants in the keep machine continuous operation is very difficult, even dangerous. Risks of workers were injured and unplanned downtime is always present.

Extremely harsh operating environment, require extremely good performance bearing. Due to our continuous research and development as well as extensive exchange of experience manufacturers and operators of machines and equipment, operational reliability and service life of the LYC bearings has been constantly upgrading.

## **Edge**

Operating conditions are vary, and the bearing designed must be to meet specific requirements.

Our bearings have the following advantages:

- 1.High Operational Safety and Stability
- 2.Extreme High Load Capacity
- 3.Anti Shock and Vibration
- 4.Simplified Installation and Removal

Open pit mining equipment, underground mining equipment, transportation equipment, tunnel boring machines, onshore and offshore oil equipment, drilling equipment, reel pipe laying ship, crushers, mills, vibrating screens, rotary kilns, sintering equipment.

## **Application**

LYC bearings are widely used in Roller press, Vertical mill, Ball grinding mill, Rotary kiln, Crusher

<http://www.lycbearing.com/industry-solution/mining-cement/>

## **Service**

1.Technical support: LYC engineers are very clear about the Rolling Bearing industry. They provide customers with support for all applications and design issues, and also computing service, which means that there are some specific requirements for the industry. Together with our customers, together for customers' specific problems develop personalized solutions.

2.Maintenance Services: provide various types of maintenance solutions to reduce maintenance costs, prevent unplanned downtime increase machine utilization. In this particular industry with many years of practical experience that make us very familiar with the operating environment of mining and raw materials processing.

3.Bearing installation and removal services: installation is one of the key affecter bearing lifetime. Failure to use proper methods and tools to properly install bearings will reduce bearing lifetime. In all premature bearing failure, about 16% is due to improper installation or incorrect installation technology.

4.LYC can help customers avoid bearing a potential operational errors during installation and removal. So the maintenance team could avoid errors caused by long-term operating costs.

5.Repair Services: LYC already have decades of experience in the field of bearing reworking. All work is done by LYC professional reworking service center to complete the work with LYC provisions strict compliance.

