

Course 5: Bearing for Mining Industry & Contraction Machines

Period: 3 hours

Number of participants: Unlimited

Fee: Free of charge

Details:

1. Introduction to Bearing for Mining Industry & Contraction Machines

- *Basic design & Development of Bearings for Mining and Construction Machines*
- *Type and Feature of Bearings for Vibrating Screen and Another Applications*
- *Bearing Selection for Mining and Constriction Machines*
- *Clearance Selection*
- *Life Calculation*

2. Identifying Numbers of Rolling Bearings

- *Prefix & Suffix of Roll Neck Bearings*
- *Interchangeable of Roll Neck Bearings*

3. Bearing Lubrication

- *Type & Feature of Lubricants of Vibrating Screen Bearings and Constriction Machines*
- *Lubricating Methods for Vibrating Screen Bearings and Constriction Machines*
- *Grease Life Calculation & Replenishing Interval*
- *Oil Replacement Intervals*

4. Bearing Handling & Maintenance

- *Bearing Mounting & Dismounting*
- *Preload Setting for Construction Machine Bearings*
- *Bearing Cleaning*
- *Bearing Storage*
- *Case Study of Bearings Failure and Countermeasure*