

*Serving Industries Worldwide*  
**Bearings for Cone Crushers**




*Manufacturers of Ball and Roller Bearings  
Since 1963*




**SCHEERER**  
BEARING CORPORATION





Scheerer Bearing has more than fifty years of experience manufacturing bearings for cone crushers. We know about the heat and the dust, the stress and the demand that crushing equipment faces.

# *Engineered Solutions for Cone Crushers*



Tough equipment and harsh environments demand reliability and extraordinary performance.

The rigorous, extreme conditions that are business as usual in crushing require an optimized bearing.

#### **Your Cone Crusher Partner**

With over five decades of experience, Scheerer understands that start up torque, shock loads, and high vibration call for an improved design that will reduce friction, skidding, and heat generation while increasing up time.

#### **It's how it's made that matters**

Whether partnering with Scheerer as your OEM supplier or as your aftermarket replacement, Scheerer bearings are engineered to achieve maximum operation productivity.

#### **Cylindrical & Tapered Thrust Bearings**

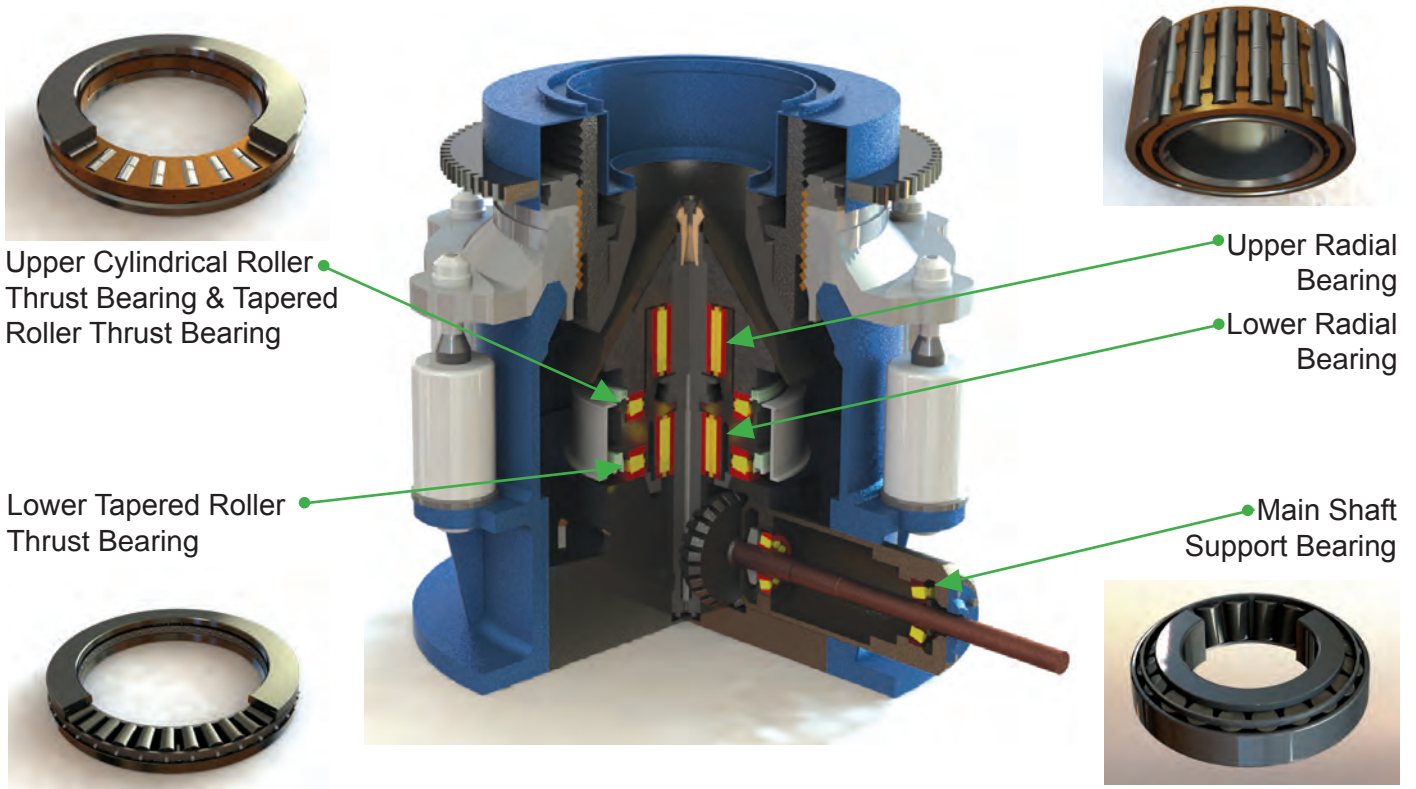
- Optimized surface finish for improved functionality and life cycle.
- Decreased start up friction and drag through a low profile cage design.
- Specialized roller design to improve operational capacity.

#### **Cylindrical Roller Bearings**

- Optimized surface finish and preloading to decrease the occurrence of skidding on startup.
- Lightweight cage to reduce startup friction and skidding.
- Larger lead in chamfer for easier assembly and installation.



# Cone Crusher Bearing Solutions for the Toughest, Most Demanding Environments



Upper Cylindrical Roller Thrust Bearing & Tapered Roller Thrust Bearing

Lower Tapered Roller Thrust Bearing

Upper Radial Bearing

Lower Radial Bearing

Main Shaft Support Bearing

## Additional Products for the Mining and Aggregate Industries

In complement to the manufacture of cone crusher bearings, Scheerer offers a complete line of bearings used in the industry. Applications include:

### Jaw crushers

Spherical Roller Bearings to support the eccentric and swing jaw shafts.

### Shaker/Vibrating Screens

Spherical Roller Bearings specific to the shaker screen application including special clearance and reduced tolerance bore and outer diameter.

### Support Applications

Scheerer manufactures many types of ball and roller bearings used in other applications such as feeders, conveyors and wash plants.

- Scheerer's engineering team is available to provide application advice.
- Scheerer's flexibility allows for special designs at the OEM or aftermarket levels.
- Clearances, tapered bores, lubrication, and locating features are examples of customizable features.

## Recondition for Maximum Value

Scheerer can typically recondition a large bearing and deliver it to you in a fraction of the time required to manufacture a new bearing. We also provide emergency repair service (sometimes within a 24-hour period).

What's more, you can save up to 60% of the cost of a new bearing. We help customers with large bearing investments maximize the service lifetime of their bearings and their heavy machinery.

Planned reconditioning for critical bearing components can ensure business operations stay on schedule at maximum output. This can achieve a savings of as much as 60% compared to building a new bearing. This is especially true for large bearings. Contact us to help plan this schedule.

When you send us your bearings, our technicians inspect them thoroughly on arrival. A simplified rating system is used to determine the work needed to restore the bearing's operational parameters and a firm estimate is prepared.

### About Scheerer Bearing

A global supplier of bearings and related products, Scheerer Bearing Corporation manufactures bearing products for OEM's and aftermarket customers in a variety of industries such as oil and gas, wind energy, steel, pulp and paper, mining and aggregate, railway, machine tool, and general industry. Since 1963, Scheerer Bearing's objective has been to offer a product line that meets the specific needs of their customers with high-quality, large-size, standard and custom bearings. Scheerer Bearing produces and carries a full line of ball and roller bearings up to 100 inches OD. Scheerer Bearing can also rebuild and recondition any bearings within their size range.

### Our Guarantee

Scheerer Bearing guarantees that any bearing we manufacture or rework is free from defects in workmanship or material. Any bearing which is proven to be defective within one year from date of purchase will be replaced or reworked free of charge if the defective bearing is returned, charges prepaid, to Willow Grove, PA and the bearing is found to have been properly installed, lubricated, and used. Please contact our sales team to set up a Return Authorization (RA) number.

Thrust Bearing



Before reconditioning.



After reconditioning.



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