



# Bearing Rebuilding & Reconditioning Program

## Inspection

Bearings typically show wear and surface distress caused by contamination, abrasion, corrosion or breakdown of lubricants. Even bearings that have been properly maintained, have undergone repeated stress cycles and may be verging on fatigue.

At the initial inspection stage, a technician disassembles and cleans the bearing, checking for cracks, spalling, heavy pitting, rust and hardness. The races are then checked for flatness and out of round conditions. The technician then determines if the bearing is a candidate for rebuilding and reconditioning. If the bearings are beyond repair we will contact you to see if you want to scrap the bearings or have them returned.

## Work Procedure

After the bearings pass an initial inspection, a work procedure is determined and the customer is provided with a firm estimate. Upon receipt of your purchase order, we begin the rebuilding process.

## Rebuild and Recondition Levels for Z-Mill Bearings

### Level 1:

Clean; disassemble; visually and dimensionally inspect all components; check hardness; provide written inspection report, including repair level needed, cost of repair and delivery time; reassemble; repackage and label for repair.

### Level 2:

In addition to Level 1, regrinding the O.D. and polishing all components.

### Level 3:

In addition to Level 2, regrinding races and manufacturing new rollers.

### Level 4:

In addition to Level 3, manufacturing a new inner race.

### Level 5:

In addition to level 1, manufacturing a new outer race.

Proud US manufacturers since 1963.

## Rebuilding vs. Replacement: The Advantage is Obvious

Scheerer can typically rebuild 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).

With companies looking ever closer to the bottom-line, we find customers with large bearing investments are looking to us to help them maximize the service lifetime of their bearings and their heavy machinery. Some companies schedule planned reconditioning of critical bearing components to ensure business operations stay on schedule at maximum output.

## We Routinely Rebuild Ultra-large Bearings up to 100 in. O.D.

Our rebuild capabilities include radial ball and roller bearings, ball and roller thrust bearings from 2 inch I.D. to 100 inch O.D. in many different designs and materials. Scheerer will rebuild any type or style of bearing from any manufacturer.

## You Know in Advance What You Are Getting and How Much it Will Cost

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.



**SCHEERER**  
BEARING CORPORATION



Unit 1/45 Inspiration Drive Wangara WA 6065 ☎ (08) 9303 4966

Unit 16/51-53 Kewdale Road Welshpool WA 6106 ☎ (08) 6314 1155

✉ support@chainanddrives.com.au 🌐 chainanddrives.com.au

ABN 81 121 105 173



A Mechanical Equipment Group Company