

# SPHERICAL ROLLER BEARING HANDLING



1



Check the box to be free of defects, hits. Cut the strips and open the box.

2



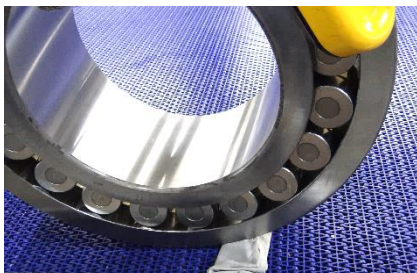
Remove protection foil by cutting it with a knife or cutter parallel with side surface. Check not to introduce foil into bearing.

3



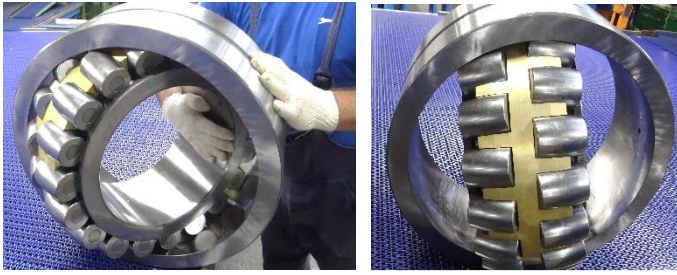
Lift the bearing from the box, in a vertical position, using a strap and a crane. This grip will not allow inner or outer ring to rotate.

4



Gently put the bearing down, on a clean surface and fix it in position with the help of 2 stopper/cloth.

5



Carefully open the bearing by rotating inner ring and rollers assembly, keeping axis of rotation in vertical position, as in below photo. Putting some additional oil on rollers will reduce risk of rollers or raceway damage.

6

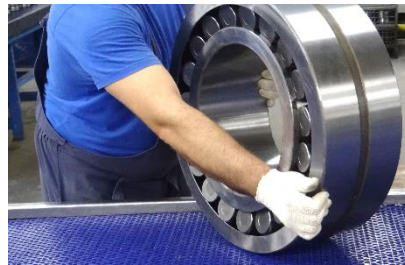
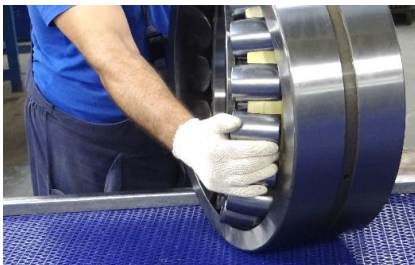


Make a visual inspection of rollers, raceways; they need to be free of surface defects. You can use a clean cloth to clean preservative/oil. Try not to completely rotate inner assembly very often.

7



After the inspection, bearing can be mounted. Closing the bearing requires increased attention. Due to roller clearance in cage pocket, rollers from bottom half will drop; they need to be lifted by hand and then the closing operation can slowly continue.



**ATTENTION:** Closing the bearing without lifting the rollers, can cause damage of raceway and rollers, losing also warranty !

More technical information can be found in URB Bearing user's handbook, available at [www.urbgroup.com](http://www.urbgroup.com) / Products and services / Applications and Service.