

TIMKEN vibrating screen special spherical roller bearing

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[Timken](#) uses the highest quality steel and the most stringent quality standards to produce bearings, so TIMKEN spherical roller bearings are ideal for vibrating screen applications. Indeed, in the harsh environment of the mining site, this special bearing can reduce the damage of the broken particles to the bearing. The key point is that Timken's design of a fully machined copper cage gives bearings many advantages, such as more durability and less heat. In addition, the new surface treatment technology for rollers and raceways further enhances these advantages.

Feature:

- High quality steel
- Enhanced roller surface accuracy
- Enhanced raceway surface accuracy
- High strength copper cage
- Centrifugally cast and fully machined YM or YMB cage

[Advantage:](#)

- Enhanced cage design for less heat generation
- Optimized roller end for easy roller guidance
- The cage shape makes the roller stability better

[Timken feature code:](#)

- YM=Single-piece machined copper cage
- W33=The outer ring has a lubrication groove and three lubrication holes
- W800=Vibrating screen bearing special code - stricter inner and outer diameter tolerances; clearance is the upper 2/3 part of the specified clearance (conventional C4)
- W47=Enlarged inner diameter
- W810=Reduce the inner diameter
- W22 = smaller outer diameter tolerance
- W49=large outer diameter outer ring
- W45A=Outer ring end face with lifting threaded hole