

# 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