

Spherical Roller Bearings - Long-life Vibrating Screen SRB

NSK's Long-Life Vibrating Screen Series of Spherical Roller Bearings are engineered specifically to withstand the harsh working environments and frequent vibration of the mining, quarrying and construction industries.

Product Features

- Precision machined one piece brass cage and contoured roller pockets
- Improved surface roughness on rollers and inner and outer rings
- Heat treated rollers to prevent cracks from vibrations and shock loads
- Self aligning ability with floating guide ring
- Controlled roller skew
- Internal radial clearance set at 2/3 ISO standard bearings
- Outer dimensions set at 1/2 of ISO standard bearings
- 40mm - 200mm bore diameter

Benefits

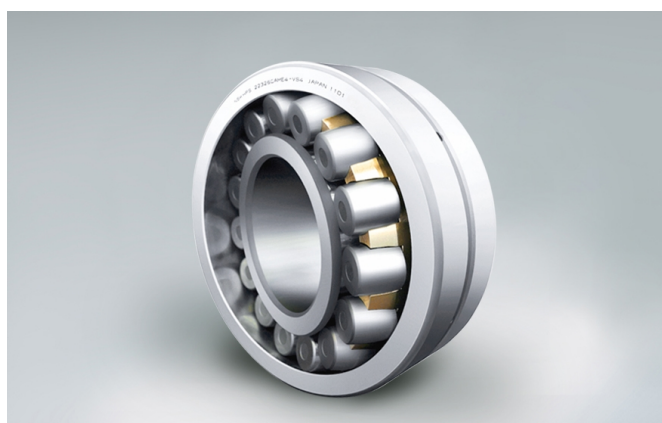
- Twice the service life of conventional bearings
- Reduced maintenance costs.
- High dynamic and static load ratings- increased by 1.25x's
- Dampened vibration and highly resistant to heavy and shock loads
- High speed performance and low operating temperature rise
- Better roller guidance and smooth running
- Reduced bearing damage from slippage, surface fatigue and flaking

Condition Description

- High Load
- Misalignment
- Vibration

Industries

- Material Handling
- Oil and Gas
- Paper
- Quarrying, Mining and Construction
- Utilities



223	20	CAM	E4	-VS3(4)
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Description

223	Bearing type and series
20	Bearing Bore
CAM	Cage
E4	Outer Ring with Groove & Oil Holes
-VS3(4)	Vibrating Screens + Special dimensional Tolerance + Radial Int