

## Long-life Vibrating Screen Spherical Roller Bearings

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. The improved roller guidance & smooth running reduce the bearing damage from slippage, surface fatigue & flaking. This series supersedes the CA series VS bearings.

### Product Features

- Precision machined tough one piece brass cage, contoured roller pockets
- Improved surface roughness on rollers and inner & outer ring
- Special heat treatment rollers, prevent cracks from vibrations & 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

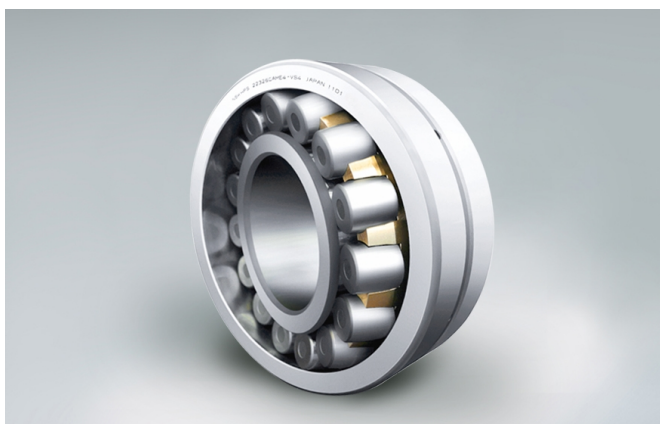
- Twice the service life of conventional bearings
- Reduced maintenance costs
- High dynamic & static load ratings - load rating increased by 1.25 times
- Dampened vibration & highly resistant to heavy or shock loads
- High speed performance & low operating temperature rise
- Better roller guidance &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