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
- Dampered 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)

Description

<table>
<thead>
<tr>
<th>223</th>
<th>Bearing type and series</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>Bearing Bore</td>
</tr>
<tr>
<td>CAM</td>
<td>Cage</td>
</tr>
<tr>
<td>E4</td>
<td>Outer Ring with Groove &amp; Oil Holes</td>
</tr>
<tr>
<td>-VS3(4)</td>
<td>Vibrating Screens + Special dimensional Tolerance + Radial In...</td>
</tr>
</tbody>
</table>