

Vibrating Screen Bearing

Vibrating screen bearings are mostly used in mine vibration machinery equipment, vibrating screen machinery, vibration motor, is one of the most critical parts of such equipment. The bearing working conditions are very bad, not only the environment humidity, dust particles, high speed, high temperature, but also strong vibration impact, resulting in a very large workload. The bearing has strong bearing capacity, good impact resistance, high reliability, good lubricating performance, and can overcome the deflection of shaft.

Vibrating screen Bearing Features:

- 1, vibration sieve bearings are generally symmetrical spherical roller, cylindrical roller;
- 2, generally speaking, the dimensional tolerance is P6, the operation tolerance is P5, the tolerance is indeed fixed, but has the British and the metric cent;
- 3, because of large heat, so the choice of large clearance. But this clearance can be calculated, mainly considering the original clearance, tolerance and temperature rise can be calculated;
- 4, vibration sieve bearing application requirements are very high, ordinary bearing steel materials do not. Cages are machined brass and are guided by the outer ring to be suitable for situations with eccentric loads.

Vibrating Screen Bearing Application field:

- 1, mainly used in mine vibration machinery and equipment, vibrating screen machinery, vibration motor;
- 2, Rivet machine, rock drilling machine, chipper and other pneumatic tools;
- 3, Electric drill, chainsaw, forestry with chain saw, grinding machine, polishing machine, grinding machine, road maintenance tamping machine and other power tools;
- 4, diesel locomotives, ships, motorcycles and other transport tools;
- 5, tractors, harvesters, thresher and other agricultural machinery.