Spherical Roller Bearing
Cement Mixer Bearings-801215A

Código não.	**801215A**
Tipo de gaiola	nylon
Tamanho （mm）	
d	100
D	160
d / B	61/66
Avaliações de lood (KN)	
Cr	400
Cor	610
RPM （r / min）	
Graxa	1600
Óleo	1900

GQZ bearings wholesale customization original real cement mixer bearings (spherical roller bearings）

The application of spherical roller bearings in cement mixers reflects their unique advantages and characteristics.

1）Spherical roller bearings have double rows of rollers, the outer ring has a common spherical raceway, the inner ring has two raceways and tilted at an angle relative to the bearing axis. This design makes the bearings have self-aligning performance, not easily affected by the shaft and bearing housing angle error or shaft bending, suitable for installation errors or shaft deflection caused by angular error occasions. In addition, self-aligning roller bearings can not only withstand radial load, but also can withstand two-way action of the axial load, has a good impact resistance, suitable for heavy loads and impact loads of the working environment.

2）Allowable centering angle of spherical roller bearings varies according to the size series and load conditions, about 1~2.5 degrees in the case of general load. The symmetrical drum rollers are freely adjustable in the spherical raceways of the outer ring, thus compensating for shaft bending and misalignment of the mating surfaces. This type of bearing is particularly suitable for equipment such as cement mixers, which are subject to heavy loads and shock loads.

3）Spherical roller bearings are available in cylindrical and tapered bores. Tapered bore bearings are fitted with a tightening sleeve or a withdrawal sleeve, which can be easily and quickly assembled on bare shafts or stepped machine shafts. This design makes the spherical roller bearing more flexible and convenient in the application of cement mixer.

In summary, the application of spherical roller bearings in cement mixers benefits from their self-aligning performance, ability to withstand radial and bi-directional axial loads, good impact resistance and adaptability to the working environment of heavy loads and impact loads, which makes this type of bearings ideal for use in heavy-duty equipment such as cement mixers.