

Automotive Bearings

Many standard rolling bearings are used in automotive applications.

These standard bearings comply with JIS (or ISO) specifications and are shown in other sections of this catalog.

There are a number of types of bearings designed specifically for use in automotive applications. Bearings manufactured by NACHI for automotive applications include bearings for:

- Car Air Conditioning
- Magnetic Clutches
- Clutch-releases (drive train)
- King Pins
- Water Pumps
- Universal Joints
- Steering sectors
- Transmissions
- Wheel Assemblies

This catalog contains description of Wheel Assembly bearings, Self-aligning Clutch-release Bearings and Double-row Angular Contact Ball Bearings for Car Air Conditioning Magnetic Clutch. When using them, please consult NACHI about operating conditions and environment.

Wheel Assembly Bearings

There are two types of Wheel Assembly Bearings; the 1st generation and the 2nd generation. The 1st has no flange, and the 2nd has a flange on the outer ring or inner ring.

Two types of the 1st generation are available, open type and contact seal type. The 2nd generation has the advantage of easy mounting and light weight.

Self-aligning Clutch-release Bearings

The bearings are a combination clutch-release bearing and release-hub. They have the advantage of reliability, easy mounting and light weight.

These bearings are classified into inside fork guide type and outside fork guide type according to the fork lever types.

Double-row Angular contact Ball Bearings for Car Air Conditioning Magnetic Clutch

They can be used at a high temperature and high speed. They have higher performance seals for dust ingress prevention and waterproof, and contain long life greases to operate under vibration conditions.