

Modular Gear Bearings

Case Number: GSC- 14979-1

Patent Number: 7,601,091

Patent Exp. Date: 6/23/2026

DESCRIPTION

This technology is an internal ring gear module. The module has a core module and a roller module provided with a cutout portion. A fastening module is inserted into the cutout portion of one of the roller module and the core module to releasably attach the roller module and a gear module i.e. sun gear, to the core module. The fastening module biases the roller module against the gear module. The roller module and the gear module are coaxially positioned with respect to the core module. The gear module has a keyhole located approximately in a center of the gear module.

FEATURES AND BENEFITS

- The unique modular design of the bearing module allows easy manufacture, assembly and disassembly of the gearing system in simple, inexpensive and time efficient manner, thus manufacturing the gearing system in an economic manner.
- The bearing module provides the modular gear bearing system that facilitates easier phase tuning of gear bearing components.

APPLICATIONS

- Transportation
- Power Tools
- Medical Equipment
- Farm Equipment
- Industrial Machinery

FOR MORE INFORMATION

If you are interested in more information or want to pursue transfer of this technology, GSC-14979-1, please contact:

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