Needle Roller Bearing - Silent NRB for Automotive Electrical Components

Silent Needle Roller Bearings reduces noise by a third of that of conventional products. This innovation is ideal for electrical components mounted in vehicles with extremely quiet interiors while driving under the power of an electric motor—including electric vehicles (EV) and hybrid vehicles (HEV).

Product Features

- Crowned ends of the needle rollers used in automotive electric components (i.e. given a curved arc) are able to withstand heavy loads.
- Improved roundness of the roller crowning compared to the conventional product through developing a high-precision machining method

Benefits

- Noise level generated by the bearing reduced to one third of that of the conventional product
- Product helps create more silent, comfortable vehicle interiors in EVs, HEVs, and luxury cars where a very quiet ride is required.

Condition Description

- Low Noise

Industries

- Automotive