

Silent Needle Roller Bearing for Automotive Electrical Components

NSK silent needle roller bearing reduces noise by a third of that of conventional products. This product is perfect for electrical components mounted in vehicles with extremely quiet interiors while driving under the power of an electric motor, such as electric vehicles (EV) and hybrid vehicles (HEV).

Product Features

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

Benefits

- The noise level (sound pressure) generated by the bearing was reduced to one third of that of the conventional product
- The product will help 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

