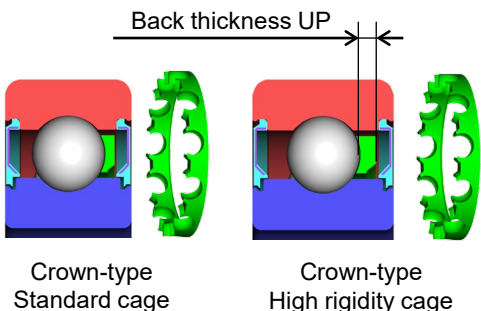


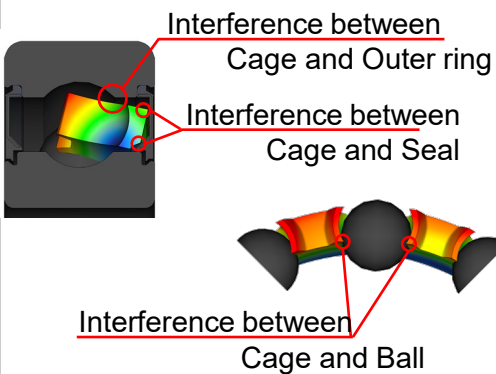
Achieves high-speed rotation of dmn 1.85 million with grease lubrication by developing a specially shaped lightweight cage

Features

Current

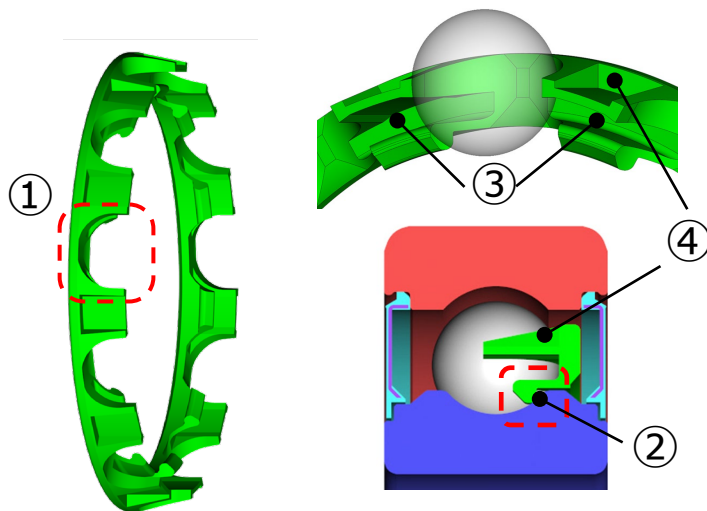


Cage deformation due to centrifugal force



Pitch Circle Diameter × Rotation Speed

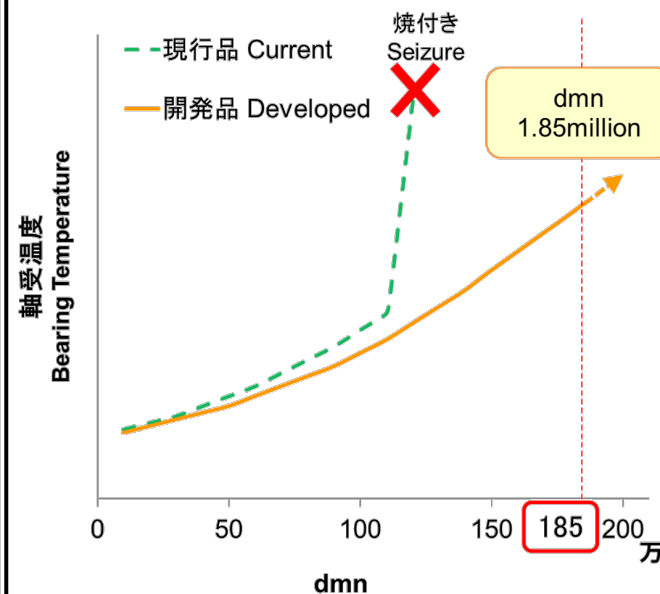
Developed



- ① Special pocket that does not hinder the rotation of the ball
- ② Claws that restrain the movement of the cage
- ③ Grooves to hold grease between pockets
- ④ Lightening for weight reduction

Effect

High speed test



Achieved 1.54 times faster speed and 1.85 million dmn than the current