

## Sensor Bearings for Industrial Machinery

NSK's Sensor Bearings for industrial machinery are maintenance free, high performance ball bearings with superior resistance to magnetic flux. NSK sensor bearings have a magnetic encoder to detect rotating speed and direction. Compared to conventional externally mounted sensors NSK offers compact sensor bearings that enhance opportunities to downscale associated equipment, and simplify the assembly process.

### Product Features

- Sealed deep groove ball bearing
- Compact single unit
- 2 channels, 64 pulses/rotation

### Benefits

- Operational under external magnetic flux
- Twice as resistant to magnetic flux over conventional sensors
- Detects speed and rotating direction simultaneously
- Contributes to downscaling opportunities
- Simplifies assembly process

### Condition Description

- Arduous Environments
- Contamination
- High Speed
- High Temperature

### Industries

- Electric Motors
- Material Handling

