

## INNOVATION

### Ball Screw Support Bearings - BSBD-Series



Modern machine tools require ball screws that can accurately position a work piece or machine component, quickly and efficiently. The NSK BSF/BSN Series of ball screw support bearings are designed to specifically meet these demanding requirements.

#### Condition Description

- Fitting
- High Accuracy
- High Load
- High Temperature
- Lubrication

#### Applications

- Machine Tools

## Features

- 60° contact angle bearing
- Double row
- Low friction contact lip seal
- Greased
- Relubrication facilities
- Mounting holes (BSF only) for mounting directly onto machinery
- Extraction groove (BSF only) to remove bearing from machine
- BSF set screws plug relubrication holes to prevent contamination

## Benefits

- Support large axial forces
- Supports axial load in 2 directions
- Sealing characteristic (low friction- and heat generation)
- Greased for life
- Relubrication of bearing during operation if required
- Ready for installation
- Preload already set and achieved when lock nut is tightened