

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.

Product 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

Condition Description

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

Industries

- Machine Tools
- Print
- Woodworking



BS F 30 80 DDU H P2B DT

Description

BS	Series (Ball Screw Support)
F	F: Face mounting, N: No face mounting (housing)
30	Bore
80	Outer diameter
DDU	Seal type
H	Preload
P2B	Class 2 running accuracy; Special exterior dimensions
DT	No symbol: single bearing; DT: paired bearing