

Double Row Cylindrical Roller Bearings for Lathe Main Shaft

Highly rigid Double-Row Cylindrical Roller Bearings for Lathe Main Shaft applications. This is the first-ever precision bearing to adopt an PPS resin cage (designated TB in NSK), whilst maintaining its functionality to deliver high accuracy & high rigidity in ultra high-speed applications.

Product Features

- High strength, roller guided resin cage (TB).
- Outer ring has standard lubrication hole.
- Low temperature rise due to optimum internal design and cage configuration.
- TB cage allows faster running speeds

Benefits

- TB cage temperature resistance up to 220°C
- TB cage has a lower temperature rise than conventional cages
- Grease life in the TB cage is typically more than 8 times higher than that of conventional & brass cages
- Range includes NNU type which has double rib outer and NN type which features excellent grease discharge during 'running in'
- The outer ring is available with standardised lubrication hole and groove (E44) specification. This allows easy interchange

Condition Description

- High Speed
- High Temperature

Industries

- Automotive
- Machine Tools



NN 30 17 TB KR E44 CC0 P4

Description

NN	Bearing type
30	Dimension series
17	Bore number
	Internal design
TB	Cage
KR	Tapered bore
E44	Lubrication holes
CC0	Radial clearance
P4	Accuracy