

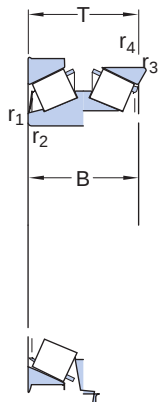
332169 A



NR double row tapered roller bearings are ready-to-mount units, manufactured with a predetermined axial clearance or preload. TDI design bearings have a double row inner ring and two outer rings that usually have an intermediate ring between them. Their roller sets are arranged face-to-face (X-arrangement). Design variants include features such as a helical groove in the bore, locating slots in the inner ring, or seals on both sides.

- High radial load carrying capacity
- Accommodate axial loads in both directions
- Relatively high stiffness
- Many variants, including shields, seals, a helical groove in the bore, or locating slots
- Ready to mount

Design variant/feature	TDIS/N
Bore type	Cylindrical



Basic dynamic load rating	C	2 734 kN
Basic static load rating	C₀	5 200 kN
Fatigue load limit	P_u	425 kN
Limiting value	e	0.88
Calculation factor	Y₁	0.77
Calculation factor	Y₂	1.15
Calculation factor	Y₀	0.8
Comparative radial load rating	C_F	680 kN
Comparative axial load rating	C_{Fa}	582 kN
Thrust factor	K	0.67

Tolerances and clearances

GENERAL BEARING SPECIFICATIONS

- Tolerances:
bearings: Normal and CL7C, P5
inch bearings: Normal and CL
- Internal clearance

BEARING INTERFACES

- Seat tolerances for standard conditions
- Tolerances and resultant fit