

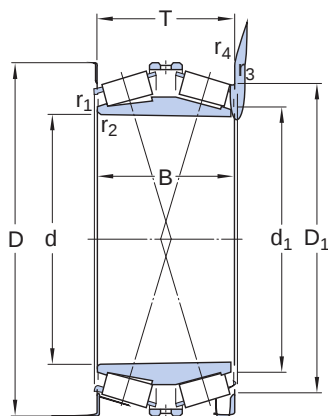
BT2B 332685/HA1

NR double row tapered roller bearings are available in many designs and variants, such as double row tapered roller bearings in TDI and TDO designs, and matched single row tapered roller bearings. Depending on their design, the bearings can accommodate heavy radial loads, axial loads in both directions and have a high degree of stiffness.



- High radial load carrying capacity
- Accommodate axial loads in both directions (except for tandem arrangements)
- High stiffness
- Low friction
- Long service life

Design variant/feature	TDIT/Y2
Bore type	Tapered 1:12



Dimensions		
D	495.3 mm	Outside diameter
T	263.525 mm	Total width
B	263.525 mm	Width of inner ring
r _{3,4}	min. 6.4 mm	Chamfer dimension of outer ring

Calculation data

Basic dynamic load rating	C	4 919 kN
Basic static load rating	C ₀	9 800 kN
Fatigue load limit	P _u	750 kN
Limiting value	e	0.33
Calculation factor	Y ₁	2
Calculation factor	Y ₂	3

Calculation factor	Y_0	2
Comparative radial load rating	C_F	1 220 kN
Comparative axial load rating	C_{Fa}	403 kN
Thrust factor	K	1.76

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