

TL Series Spherical Roller Bearings

NSK's TL (tough & long life) Series of Spherical Roller Bearings are specifically designed for dryer rolls in papermaking machinery operating under extremely high temperature conditions. Greater dimensional stability, greater resistance to hoop stress and an innovative chemical composition of steel contribute to reduced downtime and maintenance costs.

Product Features

- Innovative chemical composition of steel
- Belongs to the Tough Technology Series
- Special heat treatment process
- High strength inner and outer rings
- Higher resistance to cracks

Benefits

- Greater resistance to hoop stress
- Reduced fracturing of bearing inner rings
- Reduced downtime and maintenance costs
- Longer life – service life is more than twice that of conventional bearings operating under contaminated conditions
- Greater dimensional stability under high temperatures (to 200°C)

Condition Description

- Contamination
- High Temperature

Industries

- Paper
- Power Transmission



TL 23152 CA g3 K M E4 C3 S11

Description

TL	Material
23152	Bearing Number
CA	Machined Brass Cage
g3	TL Specification Inner Ring
K	Tapered Bore
M	Cage
E4	Outer ring with groove & Oil Holes
C3	Radial Internal Clearance
S11	Max Operating Temperature 200°C