

# INNOVATION

## TL (Tough and Long Life™) Series Bearings



NSK's TL (Tough and Long Life™) Series of Spherical Roller Bearings are specifically designed for dryer rolls in papermaking machinery operating under extremely high temperature conditions.



### 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.

### Product 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:

- High temperature
- Contamination
- Rapid shaft temperature rises

### Applications:

- › Paper Machinery

