

# TDO Double Cup Tapered Roller Bearing

This TDO type double cup tapered roller bearing provides a wide effective bearing spread. It is ideal for applications in which overturning moments are a significant load component and can be used in fixed positions or allowed to float in the housing bore.



## Overview

### TDO Double Cup Tapered Roller Bearing

The L357049/357010CD is a TDO type double-cup tapered roller bearing engineered for high-performance industrial applications. Its design provides a wide effective bearing spread, making it exceptionally reliable for scenarios where overturning moments are a significant load component. This robust bearing is suitable for use in both fixed positions and floating housing bore configurations, ensuring versatility across various mechanical systems.

## Dimensions

Bore Diameter	304.8 mm
Cup Outer Diameter	393.7 mm
Double Cup Width	82.55 mm
Bearing Width Across Cones	107.947 mm

## Performance Metrics

### Dynamic Load Ratings

**152000 N**

Dynamic Radial Rating

**1020000 N**

Dynamic Radial Rating (Two Row)

**93500 N**

Dynamic Thrust Rating

## Technical Details

Bearing Type	TDO (Double Outer Ring)
Cage Material	Stamped Steel
Bearing Weight	29.658 KGS

## Applications

Typical Applications	Gear Drives, Reducers, Automotive Axles, Bar and Rod Mills, Conveyor Equipment, Transfer Equipment
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