

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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