



Wheel Bearing (Gen2) For

Electric Vehicle

Every vehicle is equipped with wheel bearings, which play a crucial role in supporting the weight of the vehicle, facilitating smooth rotation of the wheels, and ensuring proper alignment and suspension performance.

Features

- Double row angular contact ball bearing with compact unit & additional mounting flange
- Optimized bearing clearance as per tightening torque of nut /axle shaft screw
- Rotating outer ring
- Innovative additional seals both side

Benefits

- Higher operational reliability
- Operate under open environment and resist mud, dust, water etc.
- Simplified assembly
- ✓ Pre-Greased and maintenance free
- High-strength wheel stud to prevent wheel detachment

Application

WINNER

✓ 3 wheeler cargo and passanger EV front wheel application

Wheel Bearings

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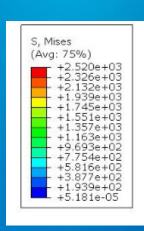


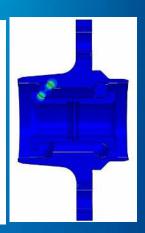
Specifications

- Axle weight 300Kg to 500Kg with bolt PCD of 100mm or as per requirement
- Suitable for 10" and 12" tyre size
- Customized to both disk and drum brakes arrangement
- ✓ Designed for vehicle life

Technical Data

- Designed and validated bearing stiffness to provide system rigidity
- Validated internal design to have balance between contact stress and rolling friction
- Flange design validation against overload conditions
- Validation in real environment conditions of dust, muddy water etc for usage in all weather conditions and geography.











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