



## Commercial vehicle engine torsional vibration damper truck foundry goods

### Our Product Introduction

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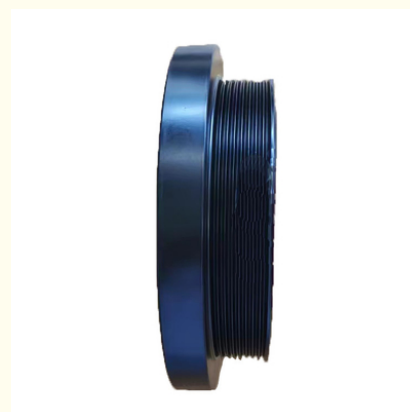
#### Basic Information

- Place of Origin: China
- Brand Name: YuChai
- Certification: IATF 16949:2016
- Model Number: YV2100-1005142
- Minimum Order Quantity: 100 piece
- Packaging Details: Wooden box packaging
- Delivery Time: Spot goods
- Payment Terms: T/T
- Supply Ability: Annual production of 100000 pieces



#### Product Specification

- Installation Method: Bolt-on
- Function: Reduce Torsional Vibration
- Warranty: 1 Year
- Maintenance: Low
- Material: Steel
- Size: Cast Iron/rubber
- Durability: High
- Color: Black
- Compatibility: Commercial Vehicle
- Application: Commercial Vehicle
- Package Contents: Torsional Vibration Damper
- Highlight: vehicle torsional vibration damper,  
engine torsional vibration damper,  
YV2100-1005142



#### More Images



## Product Description

### Introduction to Torsional Vibration Damper for Commercial Vehicles

In the field of commercial vehicles, the torsional vibration damper is a crucial technical component that plays a decisive role in ensuring the stability and safety of the vehicle's power transmission. Through its unique working principle and structural design, the torsional vibration damper effectively reduces vibration and noise caused by torque fluctuations in the transmission system, enhancing the driving comfort and service life of the entire vehicle.

The torsional vibration damper for commercial vehicles typically employs a dual-mass flywheel or rubber elastic element as its main structure. The dual-mass flywheel consists of an inner and outer flywheel connected by a damper, which can absorb and reduce vibrations caused by torque fluctuations from the engine. The rubber elastic element, on the other hand, converts torque fluctuations into minor deformations through its elastic properties, achieving shock absorption and noise reduction.

In addition to excellent shock absorption performance, the torsional vibration damper for commercial vehicles also possesses high reliability and durability. It can withstand harsh working environments such as high temperatures and pressures, ensuring stable operation for extended periods without failure. Furthermore, the installation and maintenance of the torsional vibration damper are relatively simple, reducing maintenance costs during vehicle use.

In practical applications, the torsional vibration damper plays a significant role in improving driving comfort and protecting the transmission system. It effectively reduces vibration and noise in the transmission system, reducing driver fatigue and enhancing the driving experience. At the same time, it also protects critical components such as gears and bearings in the transmission system, reducing wear and failure rates, and extending the service life of the entire vehicle.

In conclusion, the torsional vibration damper is an indispensable component in the transmission system of commercial vehicles. Through its excellent shock absorption performance, reliability, and durability, it provides a stable, safe, and comfortable driving experience for commercial vehicles. As commercial vehicle technology continues to develop, the torsional vibration damper will continue to play a crucial role in the transmission system, contributing to the progress of the commercial vehicle industry.



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