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Aftermarket 59117-20H11

MAST Bearing 59117-20H11 User Manual

Model: 59117-20H11

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of the MAST Bearing 59117-20H11. This high-quality bearing is designed for reliable performance in various industrial and automotive applications. It has been pressure and computer tested to ensure consistent quality and unsurpassed reliability.



Figure 1: Overview of the MAST Bearing 59117-20H11. This image displays the bearing's robust metallic outer race and the sealed inner race, indicating its durable construction.

SETUP AND INSTALLATION

Proper installation is crucial for the longevity and performance of the bearing. Always ensure the mounting surface is clean, dry, and free from burrs or foreign particles.

- Preparation:** Clean the shaft and housing bore thoroughly. Ensure all dimensions are within tolerance.
- Lubrication:** Apply a thin layer of compatible grease (e.g., general-purpose bearing grease) to the shaft and housing bore before installation to facilitate smooth assembly and prevent fretting corrosion.
- Mounting:** Use appropriate tools for mounting. For press-fit applications, apply force evenly to the inner or outer ring, depending on which component is being pressed. Never apply force through the rolling elements.
- Alignment:** Ensure the bearing is properly aligned with the shaft and housing to prevent premature wear and excessive loads.
- Securing:** Secure the bearing in place using retaining rings, lock nuts, or other specified methods as per the equipment manufacturer's guidelines.

Note: Consult your equipment's service manual for specific installation procedures and torque specifications.

OPERATING GUIDELINES

Once installed, the MAST Bearing 59117-20H11 is designed for continuous operation within its specified load and speed limits. Monitor the bearing during initial operation for any unusual noise, vibration, or excessive heat generation.

- Load Capacity:** Do not exceed the bearing's dynamic or static load ratings. Overloading can lead to premature failure.
- Speed Limits:** Operate the bearing within its recommended speed limits to prevent overheating and excessive wear.
- Temperature:** Maintain operating temperatures within the bearing's design limits. High temperatures can degrade lubricants and bearing materials.
- Vibration:** Minimize excessive vibration in the system, as it can contribute to bearing fatigue and noise.

MAINTENANCE

Regular maintenance extends the life of the bearing and ensures optimal performance.

- Lubrication:** The MAST Bearing 59117-20H11 is designed to be lubricated with grease. Follow the equipment manufacturer's recommendations for lubrication intervals and type of grease. Over-lubrication or under-lubrication can both be detrimental.
- Inspection:** Periodically inspect the bearing for signs of wear, corrosion, or damage. Check for unusual noise, vibration, or temperature increases.
- Cleaning:** Keep the area around the bearing clean to prevent contamination from dust, dirt, or moisture, which can significantly reduce bearing life.
- Storage:** If storing spare bearings, keep them in their original packaging in a cool, dry, and clean environment to prevent corrosion and damage.

TROUBLESHOOTING

This section outlines common issues and potential solutions for the MAST Bearing 59117-20H11.

Symptom	Possible Cause	Solution
Excessive Noise	Lack of lubrication, contamination, improper installation, bearing damage.	Check lubrication, clean surrounding area, re-install correctly, replace bearing if damaged.
Overheating	Over-lubrication, insufficient lubrication, excessive load, misalignment, high speed.	Adjust lubrication, reduce load, correct alignment, check speed limits.
Premature Wear	Contamination, improper lubrication, excessive load, misalignment, vibration.	Ensure cleanliness, verify lubrication, reduce load, correct alignment, address vibration sources.

SPECIFICATIONS

Attribute	Value
Model Number	59117-20H11
Brand	Aftermarket
Bearing Number	59117 20H11
Bearing Type	Ball Bearing
Compatible Lubricant	Grease
Item Weight	4.6 Pounds
Manufacturer	Aftermarket
ASIN	B018GJ0ASI
Date First Available	November 24, 2015

WARRANTY AND SUPPORT

The MAST Bearing 59117-20H11 comes with a **6 Months Unlimited Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use and service.

For technical support, warranty claims, or further assistance, please contact your authorized dealer or the manufacturer's customer service. Ensure you have your purchase details and the product model number readily available.

Disclaimer: The information provided in this manual is for general guidance only. The manufacturer reserves the right to make changes to the product and this manual without prior notice.

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Related Documents - 59117-20H11

	<p>MTS 2022 Services and Accessories Catalog</p> <p>Explore the MTS 2022 Services and Accessories Catalog, offering comprehensive support, maintenance, parts, and training solutions for MTS testing systems. Enhance productivity and ensure reliability with MTS's global expertise.</p>
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	<p>Metra 99-6514B Installation Instructions for Dodge Charger 2011-2014</p> <p>This document provides detailed installation instructions for the Metra 99-6514B kit, enabling the installation of an aftermarket car stereo in a 2011-2014 Dodge Charger. It covers dash disassembly, kit assembly, wiring connections, Axxess interface setup, screen operation for both 4.3-inch and 8-inch factory displays, updating the interface, and troubleshooting common issues. The kit retains factory features like R.A.P., balance, and fade, and allows for backup camera and AUX video input.</p>
	<p>Bosch AP-Z07 Cabin Filter Installation Guide</p> <p>Step-by-step installation guide for the Bosch AP-Z07 cabin air filter, providing essential precautions and recommended replacement intervals for optimal vehicle air quality.</p>
	<p>Gates Automotive Drive Belts & DriveAlign Components Catalogue Australia & New Zealand</p> <p>Explore the Gates Automotive Drive Belts and DriveAlign Components Catalogue for Australia & New Zealand. Find detailed product information, installation guides, and troubleshooting for Micro-V belts, V-belts, tensioners, and pulleys.</p>
	<p>PAC AP4-CH42 Advanced Amplifier Interface for Chrysler, Dodge, Jeep, RAM - Installation and Setup Guide</p> <p>Comprehensive guide for the PAC AP4-CH42 Advanced Amplifier Interface, detailing installation, setup, configuration, PC app usage, firmware updates, and troubleshooting for Chrysler, Dodge, Jeep, and RAM vehicles.</p>