

SKF TLMR 101

SKF TLMR 101 Automatic Lubricant Dispenser User Manual

Model: TLMR 101

1. INTRODUCTION

The SKF TLMR 101 is a single-point automatic lubricant dispenser designed for efficient and precise lubrication of various industrial applications. This battery-powered unit delivers lubricant at a consistent rate, even over long distances and in challenging environments. Its robust design ensures reliable operation across a wide temperature range and in conditions with vibration.

Key features include:

- Temperature independent dispense rate, ensuring consistent performance.
- Maximum discharge pressure of 30 bar, allowing for lubrication over long distances.
- Compatibility with 120 ml or 380 ml lubricant cartridges (sold separately).
- Powered by standard Lithium AA Type batteries (not included).
- Includes a special bracket for easy and secure mounting.



Figure 1: SKF TLMR 101 Automatic Lubricant Dispenser. This image shows the black cylindrical dispenser with a blue top, featuring a clear window to view the lubricant level and the SKF logo. A mounting bracket is visible on the side, and a connection point is at the bottom.

2. SETUP AND INSTALLATION

Before installation, ensure you have all necessary components: the TLMR 101 dispenser, a compatible lubricant cartridge (120 ml or 380 ml), and standard Lithium AA batteries.

2.1 Battery Installation

1. Unscrew the top cap of the dispenser.
2. Insert the required Lithium AA batteries into the battery compartment, observing correct polarity.
3. Securely reattach the top cap.

2.2 Cartridge Installation

1. Ensure the dispenser is clean and free of debris.
2. Remove the protective cap from the lubricant cartridge.
3. Carefully insert the cartridge into the dispenser body.
4. Twist the cartridge until it is firmly seated.

2.3 Mounting

The TLMR 101 comes with a special mounting bracket for easy installation.

1. Select a suitable mounting location close to the lubrication point, ensuring it is stable and free from excessive vibration.

2. Attach the mounting bracket securely to the desired surface using appropriate fasteners (not included).
3. Slide the TLMR 101 dispenser onto the mounted bracket until it clicks into place.
4. Connect the lubricant outlet hose from the dispenser to the lubrication point. Ensure all connections are tight to prevent leaks.

3. OPERATING INSTRUCTIONS

Once installed, the SKF TLMR 101 is designed for automatic operation. The dispense rate is temperature independent, ensuring consistent lubricant delivery.

3.1 Setting Dispense Period

The TLMR 101 allows for adjustment of the dispense period. Refer to the markings on the dispenser or the included quick-start guide for specific settings. Typically, a dial or button allows selection of dispense duration (e.g., 1 month, 3 months, 6 months).

3.2 Monitoring Operation

The clear window on the dispenser allows visual inspection of the lubricant level. Regularly check this window to determine when a cartridge replacement is necessary.

The unit may also feature an indicator light to signal operational status or low battery/cartridge conditions. Consult the specific product documentation for details on indicator light meanings.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your SKF TLMR 101 dispenser.

4.1 Cartridge Replacement

When the lubricant cartridge is empty, replace it promptly to ensure continuous lubrication.

1. Turn off the dispenser if it has a power switch.
2. Disconnect the lubricant outlet hose from the lubrication point if necessary.
3. Remove the empty cartridge from the dispenser.
4. Dispose of the empty cartridge according to local regulations.
5. Install a new, compatible lubricant cartridge as described in Section 2.2.
6. Reconnect the lubricant outlet hose.

4.2 Battery Replacement

Replace batteries when the low battery indicator activates or when the dispenser ceases operation due to power loss.

1. Follow the battery installation steps in Section 2.1.
2. Use only standard Lithium AA Type batteries.

4.3 Cleaning

Periodically wipe down the exterior of the dispenser with a clean, damp cloth to remove dust and grime. Do not use harsh chemicals or abrasive cleaners.

5. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your SKF TLMR 101 dispenser.

| Problem | Possible Cause | Solution |
|-----------------------------|--|---|
| Dispenser not operating. | Dead or incorrectly installed batteries. | Replace batteries, ensuring correct polarity. |
| No lubricant dispensed. | Empty lubricant cartridge. | Replace the lubricant cartridge. |
| No lubricant dispensed. | Blocked lubricant line or lubrication point. | Check for kinks or blockages in the hose. Clear the lubrication point if necessary. |
| Inconsistent dispense rate. | Incorrect dispense period setting. | Verify the dispense period setting is appropriate for the application. |

6. SPECIFICATIONS

| Attribute | Value |
|----------------------------|---|
| Model Number | TLMR 101 |
| Manufacturer | SKF |
| ASIN | B01D3TWYNU |
| Power Source | Standard Lithium AA Type batteries (not included) |
| Maximum Discharge Pressure | 30 bar |
| Compatible Cartridge Sizes | 120 ml or 380 ml |
| Material (Lubricant) | Grease |
| Item Weight | 0.88 Kilograms |
| Upper Temperature Rating | 158 Degrees Fahrenheit (70 Degrees Celsius) |

7. WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or service, please contact SKF customer service or visit the official SKF website. Keep your purchase receipt and product model number (TLMR 101) readily available when seeking support.

SKF Official Website: www.skf.com