

Dilwe 410 16 Tooth Freewheel 38 Link Chain 9 Tooth Sprocket Set

Dilwe 410 16 Tooth Freewheel 38 Link Chain 9 Tooth Sprocket Set Instruction Manual

Model: 410 16 Tooth Freewheel 38 Link Chain 9 Tooth Sprocket Set

1. PRODUCT OVERVIEW

This manual provides instructions for the Dilwe 410 16 Tooth Freewheel 38 Link Chain 9 Tooth Sprocket Set. This set is designed for use with 1025, 1016, 1018, Z2, and Z3 reduction motors. It features a premium forging process for durability and is constructed from steel materials to ensure maximum power transmission and a long service life. The components are engineered for stable and reliable performance, offering a smooth rotation with minimal noise.

2. PRODUCT COMPONENTS

The Dilwe Freewheel Chain Sprocket Set includes the following components:

- **1 x Connector:** Used to secure the freewheel.
- **1 x Flywheel (Freewheel):** 16-tooth freewheel for smooth rotation.
- **1 x Sprocket:** 9-tooth sprocket for power transmission.
- **1 x Chain:** 38-link chain, compatible with the freewheel and sprocket.



Figure 2.1: All components of the Dilwe Freewheel Chain Sprocket Set.

3. SPECIFICATIONS

Feature	Detail
Product Material	Steel
Freewheel Teeth	16 Tooth
Chain Links	38 Link
Sprocket Teeth	9 Tooth
Compatibility	1025, 1016, 1018, Z2, Z3 Reduction Motors
Process	Premium Forging
ASIN	B0C3V2XMBJ

4. SETUP AND INSTALLATION

Proper installation ensures optimal performance and longevity of the freewheel chain sprocket set. Follow these steps for installation:

- 1. Prepare the Motor:** Ensure your 1025, 1016, 1018, Z2, or Z3 reduction motor is clean and ready for component attachment.
- 2. Attach the Freewheel:** Securely attach the 16-tooth freewheel to the designated mounting point on

your motor. Ensure it is threaded correctly and tightened to prevent loosening during operation.

3. **Install the Sprocket:** Mount the 9-tooth sprocket onto its shaft. Verify that it fits closely to the original hole position with accurate shape and size design, minimizing any potential for misalignment.
4. **Connect the Chain:** Route the 38-link chain around both the freewheel and the sprocket. Use the provided connector to join the ends of the chain, ensuring a secure and proper fit. The chain should have appropriate tension, neither too tight nor too loose, to allow for smooth rotation.
5. **Final Check:** After assembly, manually rotate the system to check for any binding, excessive noise, or improper alignment. The components should rotate smoothly without resistance.



Figure 4.1: Illustration of the freewheel, sprocket, and chain components.

5. OPERATING INSTRUCTIONS

Once installed, the Dilwe Freewheel Chain Sprocket Set is designed to provide stable and reliable operation. The high-tension steel plate processing ensures smooth rotation of the chain without significant noise, contributing to an efficient power transmission system. Operate your motor as intended, and the freewheel set will facilitate the necessary mechanical movement with less effort.

6. MAINTENANCE

To ensure the longevity and optimal performance of your freewheel chain sprocket set, regular maintenance is recommended:

- **Cleaning:** Periodically clean the chain, freewheel, and sprocket to remove dirt, dust, and debris that can cause wear and reduce efficiency. Use a suitable degreaser and brush, then rinse and dry thoroughly.

- **Lubrication:** After cleaning, apply a high-quality lubricant specifically designed for chains and sprockets. This helps reduce friction, prevents rust, and ensures smooth operation.
- **Inspection:** Regularly inspect all components for signs of wear, damage, or corrosion. Check the chain for stretched links, the freewheel and sprocket for worn teeth, and the connector for security. Replace any worn or damaged parts promptly.
- **Tightness:** Ensure all connections, especially the freewheel and sprocket, remain securely tightened. Loose components can lead to inefficient operation or damage.

The steel material and premium forging process provide anti-rust, non-deformation, and wear-resistant properties, contributing to high performance and a long service life when properly maintained.

7. TROUBLESHOOTING

If you encounter issues with your Dilwe Freewheel Chain Sprocket Set, consider the following common troubleshooting steps:

- **Excessive Noise:** Check for proper lubrication, chain tension, and alignment of the freewheel and sprocket. Ensure no debris is caught in the system.
- **Chain Slipping:** This can indicate a worn chain or worn sprocket teeth. Inspect both components for wear and replace if necessary. Also, check chain tension.
- **Stiff Operation:** Ensure all components are clean and well-lubricated. Check for any bent or damaged links in the chain or obstructions.
- **Component Loosening:** Re-tighten all connections, especially the freewheel and sprocket, to their secure positions.

If problems persist after performing these checks, consult a qualified technician or contact customer support.

8. WARRANTY AND SUPPORT

Dilwe products are manufactured to high standards. For warranty information or technical support, please refer to the seller's return policy or contact the retailer where the product was purchased. Keep your purchase receipt as proof of purchase.

For further assistance, you may visit the official Dilwe Store online: [Dilwe Store](#)