

Sleipner SE40

Sleipner SE40 Tunnel Bow/Stern Thruster 12V User Manual

Model: SE40 | Brand: Sleipner

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Sleipner SE40 Tunnel Bow/Stern Thruster 12V. Please read this manual thoroughly before installation and use to ensure proper function and longevity of the product.

The Sleipner SE40 is a compact and powerful thruster designed for use in both the bow and stern of boats. It is part of Sleipner's renowned range of tunnel thrusters, known for their reliability and performance in marine environments.



Figure 1: Sleipner SE40 Tunnel Bow/Stern Thruster 12V. This image displays the complete thruster unit, featuring the main motor housing, the tunnel mounting bracket, and the propeller assembly. The unit is designed for efficient water propulsion to assist in boat maneuvering.

2. SAFETY INFORMATION

Always prioritize safety when installing, operating, or maintaining the thruster. Failure to follow safety instructions can result in injury or damage to the equipment.

- Ensure the boat's power supply is disconnected before performing any installation or maintenance.
- Keep hands, hair, and loose clothing clear of the propeller when the thruster is in operation or connected to power.
- Do not operate the thruster out of water.
- Verify all electrical connections are secure and properly insulated to prevent short circuits and corrosion.
- Consult a qualified marine technician for complex installations or repairs.

3. SETUP AND INSTALLATION

The SE40 thruster is designed for flexible installation in both bow and stern tunnels. Proper installation is crucial for optimal performance and safety.

3.1 Key Installation Features:

- **Mounting Flexibility:** The thruster can be mounted at any angle within the tunnel, allowing for

adaptable placement based on hull design.

- **Motor Rotation:** The electric motor can be rotated 90 degrees on its bracket, further enhancing installation flexibility in confined spaces.
- **Galvanic Isolation:** The unit is galvanically isolated to prevent corrosion caused by stray electrical currents, ensuring long-term durability in marine environments.

3.2 Tunnel Requirements:

The thruster is designed to be fitted in a tunnel through the boat's bow or into a stern tunnel. Sleipner's stern tunnels are constructed from durable fiberglass for enhanced performance and ease of installation.

For detailed tunnel dimensions and specific installation procedures, refer to the comprehensive installation guide provided with your product or available on the Sleipner official website.

4. OPERATING INSTRUCTIONS

The Sleipner SE40 thruster is designed for intuitive operation, providing precise control for docking and maneuvering.

4.1 Basic Operation:

- Ensure the thruster is fully submerged before activation.
- Activate the thruster using the designated control panel or joystick.
- Apply thrust in short bursts rather than continuous operation to prevent overheating and conserve battery power.
- The SE40 features Sleipner's patented **IPC (Intelligent Power Control)** technology, which optimizes power delivery and enhances safety during operation.

4.2 Recommended Use:

The SE40 is suitable for boats between 26-34 feet, providing 40-48 kg of thrust. It is recommended for docking and maneuvering in various boating activities and conditions, particularly for small to medium-sized vessels.

5. MAINTENANCE

Regular maintenance ensures the longevity and reliable performance of your Sleipner thruster.

- **Annual Inspection:** Annually inspect the thruster for any signs of wear, corrosion, or damage, especially to the propeller and electrical connections.
- **Propeller Cleaning:** Periodically check the propeller for marine growth or debris and clean as necessary to maintain efficiency.
- **Electrical Connections:** Ensure all electrical connections are clean, tight, and free from corrosion. Apply dielectric grease to terminals if recommended.
- **Battery Health:** Maintain your boat's battery system in good condition, as adequate voltage is critical for thruster performance.

6. TROUBLESHOOTING

This section provides basic troubleshooting steps for common issues. For more complex problems, contact

Sleipner support or a certified technician.

Problem	Possible Cause	Solution
Thruster does not operate	No power, blown fuse, loose connection, control panel issue.	Check battery voltage, inspect fuses, verify all electrical connections, test control panel.
Reduced thrust	Fouled propeller, low battery voltage, motor overheating.	Clean propeller, charge batteries, allow thruster to cool down.
Unusual noise or vibration	Debris in propeller, damaged propeller, motor bearing issue.	Inspect propeller for debris or damage, contact service if noise persists after clearing.

7. SPECIFICATIONS

Detailed technical specifications for the Sleipner SE40 Tunnel Bow/Stern Thruster 12V.

Specification	Detail
Manufacturer	Sleipner
Brand	Sleipner
Model	SE40
Manufacturer Reference	SE40/125S2
Manufacturer Part Number	SE40/125S2
OEM Part Number	8053670653139
Lift Type	Electric
Voltage	12 Volts
ASIN	B0DFH8WH5W
Date First Available	28 Aug. 2024
Material	Aluminium
Engine Type	Electric
Operation Mode	Electric
Recommended Uses	Docking and maneuvering, Small to medium-sized boats, Various boating activities and conditions




8. WARRANTY AND SUPPORT




Sleipner products are built to high standards and come with a manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official Sleipner website.

For technical support, spare parts, or service inquiries, please contact your authorized Sleipner dealer or the Sleipner customer service department. When contacting support, please have your model number (SE40) and manufacturer reference (SE40/125S2) ready.

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Related Documents - SE40

	<p>Sleipner DC Electric Thruster Installation Guide for SE20, SE25, SE30, SE40 Models</p> <p>Comprehensive installation guide for Sleipner DC Electric Thruster models SE20, SE25, SE30, and SE40. Covers product specifications, positioning, tunnel installation, electrical setup, and safety precautions.</p>
	<p>Sleipner E-Vision Electric Thruster Installation Guide (E210, E240)</p> <p>Comprehensive installation guide for Sleipner E-Vision electric thruster models E210 and E240, covering product measurements, installation procedures, electrical connections, and service information.</p>
	<p>Sleipner 8700 Control Panel User and Installation Manual</p> <p>This guide covers the operation, installation, and troubleshooting of Sleipner 8700 control panels for marine thrusters, detailing the S-Link™ system and technical specifications for models 8700, *86-08950, and *86-08955.</p>

 The cover of the 'Installation Guide' for Sleipner SE210 DC Electric Thruster Models. It features the Sleipner logo at the top left, a stylized orange and white wave graphic in the center, and a small image of the thruster unit at the bottom right.	<p>Sleipner SE210 DC Electric Thruster Installation Guide</p> <p>This comprehensive guide provides essential information for the professional installation of Sleipner's SE210 DC electric thruster models, covering measurements, specifications, positioning, tunnel installation, electrical setup, and pre-delivery checks.</p>
 The cover of the 'User Manual' for Sleipner marine control panels. It features the Sleipner logo at the top left, a background image of a boat's interior, and several small images of different control panel models (8950G, 8955G, 8960, 8965, 8940, 8909C) arranged in a grid.	<p>Sleipner Control Panel User Manual and Installation Guide</p> <p>Comprehensive user manual and installation guide for Sleipner marine control panels including models 8950G, 8955G, 8960, 8965, 8940, and 8909C. Covers operation, panel layouts, installation procedures, measurements, wiring diagrams, and warranty information.</p>
 The cover of the 'User Manual' for Sleipner DC SE & SE-IP Electric Thruster Models. It features the Sleipner logo at the top left, a background image of a boat's interior, and several small images of different thruster models (SE, SE-IP) arranged in a grid.	<p>Sleipner DC SE & SE-IP Electric Thruster User Manual</p> <p>Comprehensive user manual for Sleipner DC SE and SE-IP electric thruster models, detailing operation, control panel usage, maintenance procedures, troubleshooting steps, service information, and warranty statements.</p>