Lewmar 6672011108-138

Lewmar V2 Vertical Windlass User Manual

Model: V2 (6672011108-138)

Product Overview

The Lewmar V2 Vertical Windlass is engineered for reliable anchoring on power and sailboats ranging from 30 to 40 feet. This robust unit features a concealed drive train, worm gearbox, and splined shaft, ensuring maximum strength and precise control during anchor deployment and retrieval. Designed for ease of installation with the FastFit feature, it accommodates 5/16" G4 chain, providing secure and long-lasting performance. The complete kit includes the windlass, a rocker switch, a breaker, a two-direction solenoid, and a handle, all powered by a 12V, 700-watt motor capable of a maximum pull of 1,875 lbs.



Image: The Lewmar V2 Vertical Windlass, a polished stainless steel unit designed for marine anchoring.

Key Features

- **Simplified Anchoring:** Effortlessly manage anchor lines with push-button control. The design integrates a robust drive train, worm gearbox, and splined shaft for superior strength and control.
- **Easy Installation:** The FastFit feature allows for quick and straightforward installation by a single person, ensuring perfect alignment of the deck unit and motor gearbox.
- **Complete Kit:** Includes the windlass, rocker switch, breaker, two-direction solenoid, and handle, providing all necessary components for a low-profile anchoring system.
- **Compact & Durable:** Constructed from tough stainless steel, the windlass is designed to protect ropes and withstand harsh marine environments, while its compact form factor minimizes deck space usage.
- **Trusted Quality:** Manufactured by Lewmar, a leading supplier of marine equipment with a legacy of innovation and quality since 1946.

Specifications

Attribute	Value
Model Name	LEWMAR V2 Vertical Windlass for 5/16" G4 Chain, 12V | Gypsy Only, FastFit Feature
Part Number	6672011108-138
Motor Power	700 Watts
Voltage	12V
Maximum Pull	1,875 lbs (850 kg)
Chain Compatibility	5/16" G4 Chain
Item Weight	44 Pounds (20 kg)
Item Dimensions (LxW)	10 x 6 inches (approximate deck unit footprint)
Recommended Boat Size	30'-40' Power/Sailboats

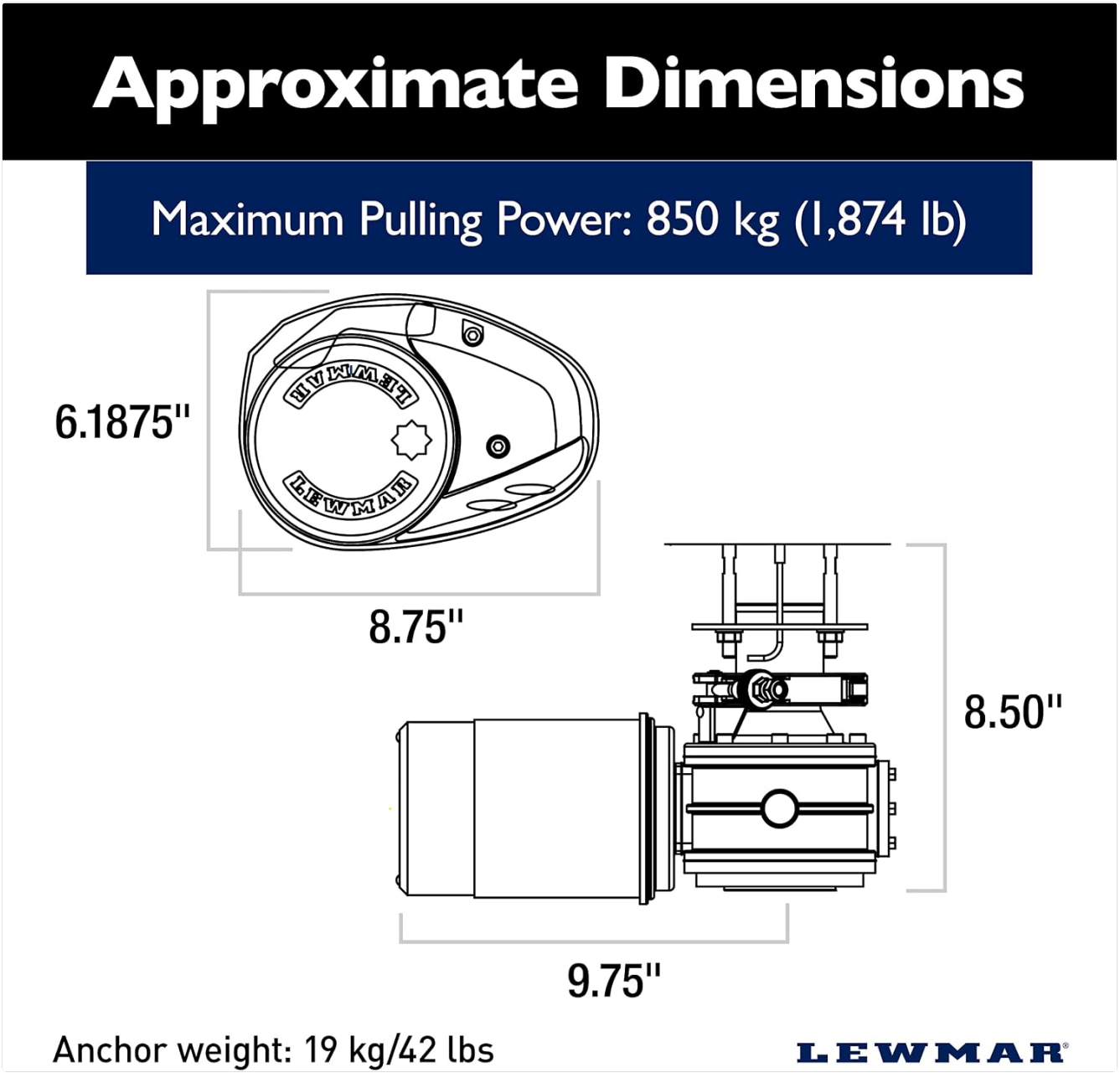
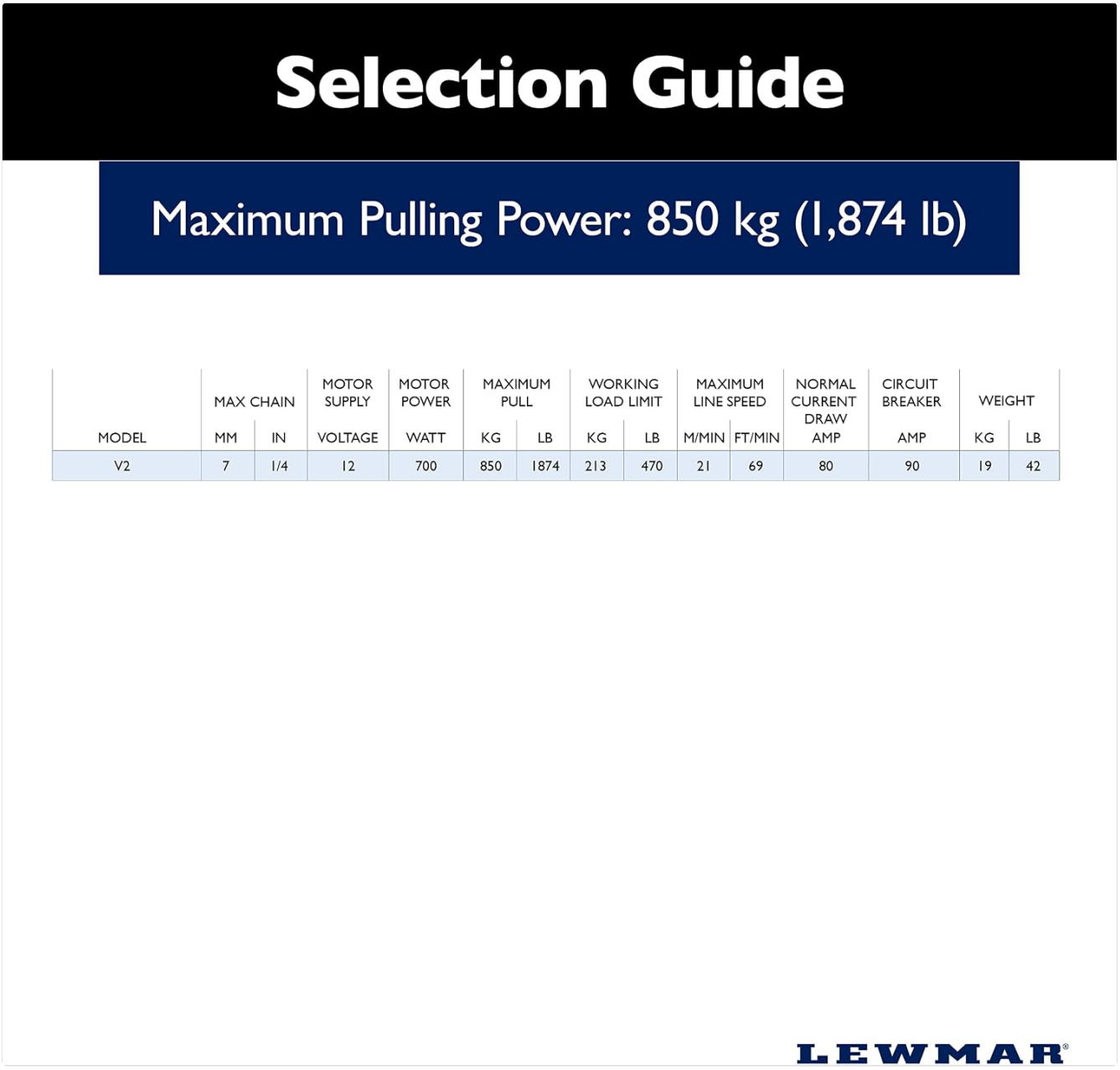


Image: Diagram showing approximate dimensions of the Lewmar V2 Vertical Windlass, including top and side views with measurements.



MODEL	MAX CHAIN MM	MAX CHAIN IN	MOTOR SUPPLY VOLTAGE	MOTOR POWER WATT	MAXIMUM PULL KG	MAXIMUM PULL LB	WORKING LOAD LIMIT KG	WORKING LOAD LIMIT LB	MAXIMUM LINE SPEED M/MIN	MAXIMUM LINE SPEED FT/MIN	NORMAL CURRENT DRAW AMP	CIRCUIT BREAKER AMP	WEIGHT KG	WEIGHT LB
V2	7	1/4	12	700	850	1874	213	470	21	69	80	90	19	42

Image: A selection guide table providing detailed specifications for the V2 model, including chain size, voltage, motor power, maximum pull, working load limit, line speed, current draw, circuit breaker, and weight.

Setup and Installation

The Lewmar V2 Vertical Windlass is designed for straightforward installation, often achievable by a single person due to its FastFit feature. This system ensures precise alignment of the deck unit and motor gearbox.

Components Included in Kit:

- Lewmar V2 Windlass Unit (Gypsy Only)
- Rocker Switch
- Breaker
- Two-direction Solenoid
- Handle

Installation Considerations:

1. **Deck Preparation:** Ensure the mounting surface on the deck is flat, strong, and adequately reinforced to support the windlass and the forces it will exert during operation.
2. **Cable Routing:** Plan the routing of electrical cables from the power source to the windlass motor, ensuring they are protected and meet marine electrical standards.
3. **FastFit Alignment:** Utilize the FastFit clamping system to align the deck unit and motor gearbox accurately before securing. This feature simplifies the process and ensures correct mechanical engagement.
4. **Chain and Rode Management:** Ensure adequate space below deck for the chain locker to accommodate the anchor rode as it is retrieved. The windlass is designed for 5/16" G4 chain.



Image: A close-up view illustrating the FastFit feature of the Lewmar windlass, highlighting the ease of alignment during installation.



Image: An exploded view diagram of the Lewmar V2 Vertical Windlass, showing its various internal and external components for assembly and maintenance reference.

Operation

Operating the Lewmar V2 Vertical Windlass is designed to be simple and efficient, primarily controlled via the included rocker switch.

Basic Operation:

1. **Power On:** Ensure the main power supply to the windlass system is engaged.
2. **Deployment:** To lower the anchor, press and hold the 'DOWN' side of the rocker switch. The gypsy will rotate, allowing the chain to pay out. Monitor the chain and anchor during deployment.
3. **Retrieval:** To raise the anchor, press and hold the 'UP' side of the rocker switch. The gypsy will pull the chain, retrieving the anchor. Ensure the chain is properly seated in the gypsy.
4. **Manual Emergency System:** In the event of a power failure or system malfunction, the windlass is equipped with a built-in manual emergency system. Refer to the detailed manual for instructions on using the provided handle for manual operation.



Image: A boat's bow with an open anchor locker revealing the installed Lewmar windlass, demonstrating efficient push-button anchoring.



Image: The Lewmar windlass on a boat's deck, with anchor chain leading to a deployed anchor, illustrating the simplified anchoring process.

Maintenance

Regular maintenance is crucial to ensure the longevity and optimal performance of your Lewmar V2 Vertical Windlass. Its construction with tough stainless steel contributes to its durability, but proper care is still essential.

General Maintenance Tips:

- **Rinse After Use:** After each use, especially in saltwater, rinse the windlass and surrounding deck area with fresh water to remove salt residue and prevent corrosion.
- **Inspect Chain and Rode:** Regularly inspect your anchor chain and rode for wear, damage, or kinks. Ensure the chain links are clean and free of debris that could impede proper feeding through the gypsy.
- **Check Electrical Connections:** Periodically inspect all electrical connections for corrosion or looseness. Ensure they are clean, dry, and securely fastened.

- **Lubrication:** Consult the full product manual for specific lubrication points and recommended lubricants. Proper lubrication of moving parts is vital for smooth operation and to prevent wear.
- **Winterization:** If storing the boat for an extended period in cold climates, follow proper winterization procedures for the windlass to prevent damage from freezing water.



Image: A close-up of the Lewmar windlass on a boat's deck, showcasing its compact and durable stainless steel construction designed to protect ropes and withstand marine conditions.

Troubleshooting

This section provides general guidance for common issues. For detailed troubleshooting steps, always refer to the comprehensive Lewmar V2 Windlass installation and operation manual.

Common Issues and Solutions:

- **Windlass Not Operating:**

- Check the main power supply and ensure the breaker is not tripped.
- Verify all electrical connections are secure and free of corrosion.
- Ensure the rocker switch is functioning correctly.

- **Slow Operation or Weak Pull:**
  - Check battery voltage; low voltage can affect performance.
  - Inspect the chain and gypsy for obstructions or excessive wear.
  - Ensure the motor is not overheating.
- **Chain Not Feeding Correctly:**
  - Verify the chain size matches the gypsy (5/16" G4 chain).
  - Check for kinks or twists in the chain.
  - Ensure the chain locker is clear and allows the chain to fall freely.
- **Manual Emergency System:** If electrical operation fails, utilize the manual emergency system with the provided handle. This allows for manual retrieval or deployment of the anchor.

Warranty Information

Lewmar products are manufactured to high standards and are typically covered by a manufacturer's warranty against defects in materials and workmanship. Specific warranty terms, duration, and conditions may vary by region and product. Please retain your proof of purchase.
For detailed warranty information, including how to register your product or make a claim, please refer to the official Lewmar website or contact Lewmar customer support directly.

Support and Contact

For further assistance, technical support, or to inquire about spare parts for your Lewmar V2 Vertical Windlass, please contact Lewmar customer service.
Lewmar Official Website: www.lewmar.com
You may also find additional resources, FAQs, and detailed product manuals on the official Lewmar website.

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