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› Schellenberg 11119 Articulated Bearing Plate for Crank Shutters - 50° Angle, 42mm Hole Spacing Instruction Manual

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Schellenberg 11119 Articulated Bearing Plate for Crank Shutters - 50° Angle, 42mm Hole Spacing Instruction Manual

Brand: Schellenberg | Model: 11119

1. PRODUCT OVERVIEW

The Schellenberg 11119 Articulated Bearing Plate is a component designed for crank-operated roller shutters. It facilitates the optimal transmission of force from the crank rod to the bevel gear, ensuring smooth operation of your roller shutter system. This bearing plate features a maximum pivot range of 50 degrees and is equipped with a plastic seal for improved insulation.



Image 1.1: Overview of the Schellenberg 11119 Articulated Bearing Plate, showing its white finish and articulated joint.

Key Features:

- Easy-to-handle articulated bearing for crank-operated roller shutters.
- Optimal force transmission from the crank rod to the bevel gear.
- Tool-free attachment of the drive rod and crank rod.
- Maximum insulation provided by an integrated plastic seal.
- Compatible with Schellenberg crank accessories.

2. PACKAGE CONTENTS

The package includes the following item:

- 1 x Articulated Bearing Plate

3. TECHNICAL SPECIFICATIONS

Manufacturer	Schellenberg
Model Number	11119
Product Dimensions (L x W x H)	5.2 x 2.2 x 3 cm
Weight	76 grams
Color	White
Hole Spacing	42 mm
Pivot Range	Max. 50°
Crank Rod Compatibility	Inner diameter 13 mm

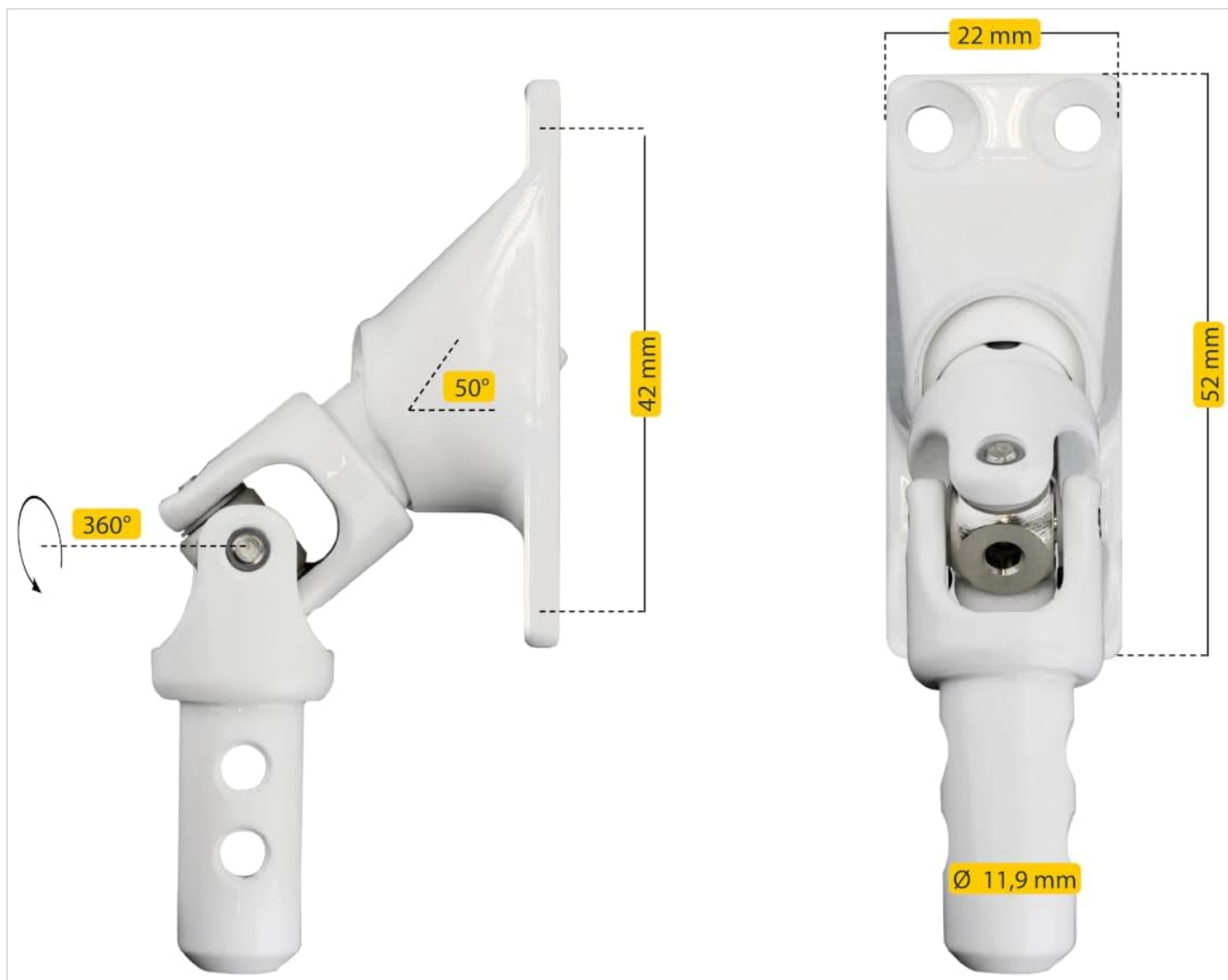


Image 3.1: Detailed view of the articulated bearing plate, illustrating its dimensions (52mm length, 22mm width) and 50-degree pivot capability, along with the 11.9mm diameter for the crank rod connection.

4. SETUP AND INSTALLATION

Proper installation of the articulated bearing plate is crucial for the efficient and secure operation of your roller shutter system. Follow these steps carefully.

4.1 Mounting Location

The bearing plate can be securely fixed to the roller shutter box, window frame, or wall. Ensure the chosen surface is stable and capable of supporting the forces exerted during shutter operation.

4.2 Attaching the Bearing Plate

1. Position the articulated bearing plate at the desired mounting location.
2. Mark the positions for the four drill holes. The plate has a 42 mm hole spacing for secure fixation.
3. Drill pilot holes if necessary, suitable for your mounting screws (screws not included).
4. Securely fasten the bearing plate using appropriate screws.



Image 4.1: The articulated bearing plate shown securely mounted to a ceiling surface, ready for crank rod connection.

4.3 Connecting the Crank Rod

The tenon of the articulated bearing plate is designed to pivot 180 degrees in all directions, allowing flexible connection. It is compatible with roller shutter crank rods that have an inner diameter of 13 mm.

1. Align the crank rod with the tenon of the articulated bearing plate.
2. Insert the crank rod into the tenon. The connection is designed for quick and tool-free assembly.
3. Ensure the crank rod is firmly seated and can pivot freely within the bearing plate.



Image 4.2: The articulated bearing plate with a crank rod inserted, demonstrating the connection point.

5. OPERATION

Once installed, the articulated bearing plate allows for smooth and efficient operation of your crank-operated roller shutters. The 50-degree pivot range ensures that the crank rod can be moved comfortably to raise or lower the shutter.

- To raise the shutter, turn the crank rod in the appropriate direction (usually clockwise).
- To lower the shutter, turn the crank rod in the opposite direction (usually counter-clockwise).
- The articulated joint provides flexibility, allowing the crank rod to be positioned optimally for ease of use.

6. MAINTENANCE

The Schellenberg 11119 Articulated Bearing Plate is designed for durability and minimal maintenance. The integrated plastic seal contributes to maximum insulation and protects the internal mechanism.

- Periodically inspect the bearing plate and its mounting for any signs of wear or loosening.
- Keep the area around the bearing plate clean to prevent accumulation of dust or debris that could hinder smooth operation.
- No lubrication is typically required for the articulated joint.

7. TROUBLESHOOTING

If you encounter issues with your articulated bearing plate, consider the following:

- **Crank rod not connecting smoothly:** Ensure the crank rod has an inner diameter of 13 mm. Check for any obstructions or damage to the tenon or the rod.
- **Excessive play or stiffness:** Verify that the bearing plate is securely mounted and that all screws are tightened. Inspect the articulated joint for any visible damage.
- **Reduced insulation:** Check the plastic seal for damage or displacement. Ensure it is properly seated against the mounting surface.

For persistent issues, please contact Schellenberg customer support.

8. WARRANTY AND SUPPORT

Information regarding the availability of spare parts for this product is currently unavailable. For any questions, technical assistance, or warranty claims, please refer to the official Schellenberg website or contact their customer service directly.

This product is designed and manufactured to meet German construction standards, ensuring quality and reliability.

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