

## Schellenberg 20506

# Schellenberg 20506 Mini Premium Roller Shutter Motor (6 NM) User Manual

## INTRODUCTION

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Thank you for choosing the Schellenberg 20506 Mini Premium Roller Shutter Motor. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new motor. Please read these instructions carefully before beginning installation or operation to ensure optimal performance and longevity of the product.

## Key Features

- Suitable for standard roller shutters up to a maximum of 4.0 m<sup>2</sup> (plastic).
- Ready-to-mount height with adapter and COMFORT wall bearing, adjustable.
- Convenient electronic limit point adjustment via transmitter.
- Designed to reduce installation and wiring costs.



This diagram highlights the main components and features of the Schellenberg roller shutter motor. It shows the maintenance-free motor with robust gears, a reliable brake, an adapter for optimal power transmission to the roller shaft, a 2-meter connection cable, and a sound-reducing wall bearing.

## SETUP AND INSTALLATION

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### 1. Unpacking and Components

Carefully unpack all items from the packaging. Verify that all components are present and undamaged. The package should contain the motor unit, various adapters, wall bearings, and mounting pins.



This image displays the complete package of the Schellenberg 20506 Mini Premium motor, including the motor unit, various adapters for different roller shaft types, wall bearings for secure installation, and small mounting pins.

## 2. Choosing the Right Motor Size (MINI or MAXI)

Before installation, determine the correct motor size based on your roller shutter's octagonal shaft diameter. The Schellenberg motors are designed for specific shaft sizes:

- Ø 40 mm = **MINI**
- Ø 60 mm = **MAXI**

The motor you have is a Mini Premium, suitable for 40mm shafts. If your shaft is different, adapter sets for other shaft diameters are available separately. For installation, an existing wooden shaft may need to be replaced with an octagonal shaft.



This illustration guides you on selecting the correct motor size. It demonstrates measuring the octagonal shaft diameter: 40 mm for a MINI motor and 60 mm for a MAXI motor. The Schellenberg roller shutter motors are marked accordingly. Adapter sets for other shaft diameters are also available.

### 3. Mounting the Motor

Insert the motor into the roller shutter shaft. Attach the appropriate adapter to the motor head for optimal power transmission. Secure the motor and shaft assembly using the provided COMFORT wall bearing. The wall bearing includes a rubber block for noise reduction during operation.



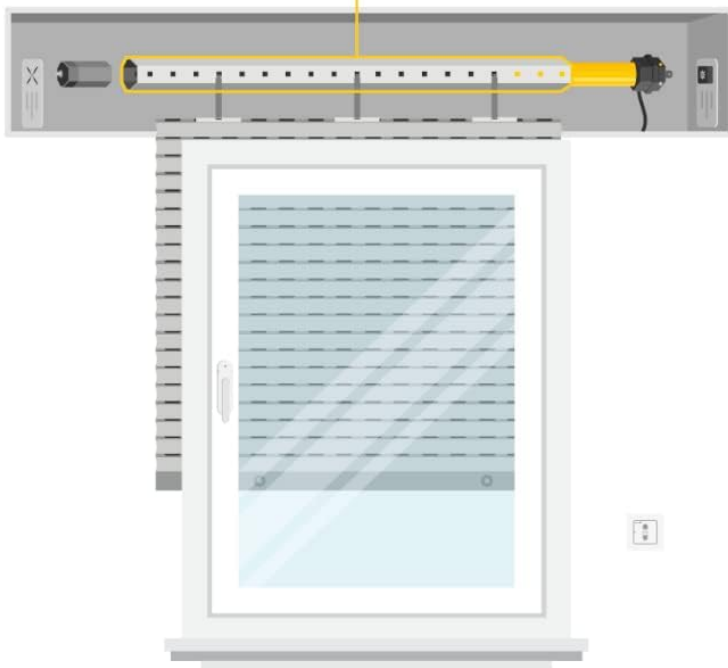
This image shows the specialized adapter designed for optimal power transmission to the roller shutter shaft, alongside the COMFORT wall bearing. The wall bearing features a rubber block to ensure quiet and smooth operation of the motor.

### 4. Electrical Connection

Connect the motor's 2-meter cable to your electrical system. Ensure all connections are made by a qualified electrician and comply with local electrical codes. The cable typically contains three wires for power and control.

# Ganz einfach zum richtigen Rollladenmotor

## Achtkantwelle: **MINI** oder **MAXI**?



- Durchmesser der Achtkantwelle ausmessen:

Ø 40 mm = **MINI**

Ø 60 mm = **MAXI**

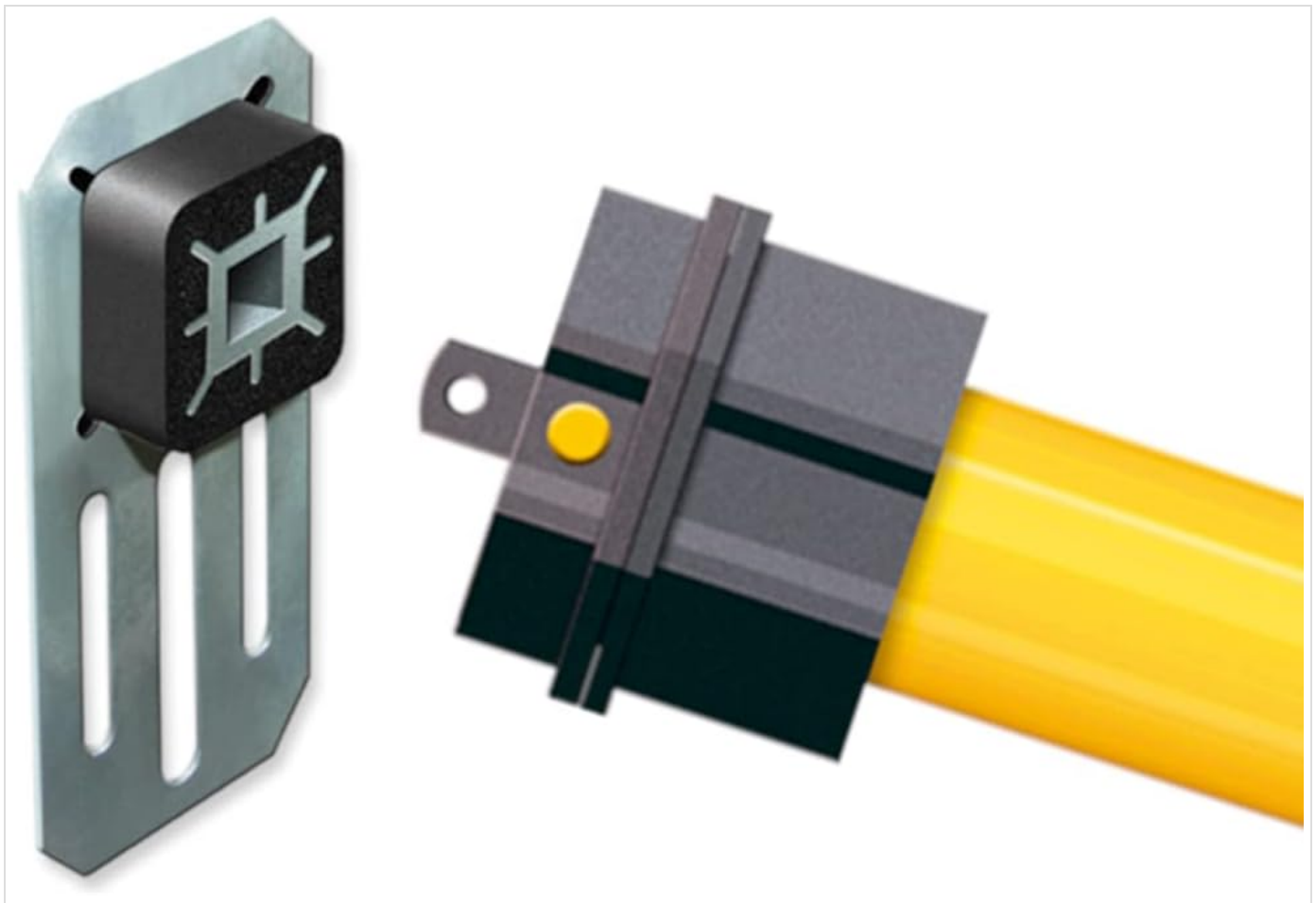
- Die Schellenberg-Rollladenmotoren sind entsprechend mit **MINI/MAXI** gekennzeichnet.
- Wir bieten die Modelle Standard, Plus und Premium an (inkl. Adapter-Set).
- Die Fläche des Rollladenpanzers bestimmt zusätzlich das passende Modell und die Stärke des Rollladenmotors.
- Adapter-Sets für andere Wellendurchmesser stehen ebenfalls zur Verfügung.

Für den Einbau des Rollladenmotors muss ggf. eine vorhandene Holzwellen durch eine Achtkantwelle ersetzt werden.

The image presents the Schellenberg 20506 Mini Premium motor, highlighting its integrated 2-meter connection cable. The cable is equipped with three wires for electrical connection, ensuring a straightforward installation process.

## 5. Limit Switch Adjustment

After installation, the motor's upper and lower limit points must be set. This is typically done electronically using a compatible transmitter or adjustment tool. Refer to the specific instructions provided with your transmitter for detailed programming steps. Precise adjustment ensures the roller shutter stops correctly at its fully open and closed positions.



This image demonstrates the electronic adjustment of the motor's end points using a remote control. The motor is shown securely installed within the roller shutter housing, ready for precise configuration.

## OPERATING INSTRUCTIONS

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Once installed and the limit switches are set, your Schellenberg Mini Premium motor is ready for operation. Use a compatible wall switch or remote control (sold separately) to control your roller shutter.

### Basic Operation

- **Raise:** Press the 'Up' button on your control device. The roller shutter will move upwards until it reaches the programmed upper limit.
- **Lower:** Press the 'Down' button on your control device. The roller shutter will move downwards until it reaches the programmed lower limit.
- **Stop:** Press the 'Stop' button (if available) or press the 'Up' or 'Down' button again during movement to halt the roller shutter at any desired position.

### Electronic Limit Adjustment

The motor features convenient electronic limit point adjustment. If you need to fine-tune the upper or lower stopping positions after initial setup, refer to the instructions provided with your specific control device (e.g., remote control or wall switch) for the adjustment procedure. This typically involves entering a programming mode and using the up/down buttons to set new limits.

## MAINTENANCE

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The Schellenberg 20506 Mini Premium motor is designed for low maintenance. Regular inspection and basic care will

ensure its long-term functionality.

- **Cleaning:** Keep the area around the roller shutter and motor free from dust and debris. Do not use abrasive cleaners or solvents on any part of the motor or its housing.
- **Inspection:** Periodically check the roller shutter for smooth operation. Listen for unusual noises. Ensure the mounting hardware remains secure.
- **Professional Service:** If you notice any significant changes in performance or hear unusual sounds, contact a qualified technician for inspection and service. Do not attempt to open or repair the motor yourself.

## TROUBLESHOOTING

If you encounter issues with your Schellenberg roller shutter motor, consult the following common troubleshooting steps:

Problem	Possible Cause	Solution
Motor does not respond to control.	No power supply; faulty control device; motor overload protection activated.	Check power connection; replace batteries in remote; wait for motor to cool down (if applicable).
Roller shutter stops prematurely or does not reach limits.	Limit switches incorrectly set; obstruction in roller shutter path.	Re-adjust limit switches (refer to operating instructions); remove any obstructions.
Unusual noises during operation.	Loose mounting; worn components; obstruction.	Check all mounting screws; inspect roller shutter for damage or obstructions; contact support if noise persists.

If these steps do not resolve the issue, please contact Schellenberg customer support.

## TECHNICAL SPECIFICATIONS

Specification	Value
Manufacturer	Alfred Schellenberg GmbH
Manufacturer Product ID	20506
Product Dimensions	7.5 x 58 x 11 cm
Product Model Number	20506
Number of Products	1
Batteries Included	No
Batteries Required	No
Product Weight	1.78 kg
ASIN	B00CXLMXJK
Average Customer Rating	4.1 out of 5 stars (20 ratings)
Available on Amazon.es since	14 June 2013

Specification	Value
Brand	Schellenberg
Product Dimensions: Length x Width x Height	7.5 x 58 x 11 centimeters
Global Trade Item Number (GTIN)	04003971205067

## WARRANTY AND CUSTOMER SUPPORT

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Schellenberg products are manufactured to high-quality standards. For information regarding warranty terms and conditions, please refer to the documentation included with your purchase or visit the official Schellenberg website. For technical assistance, troubleshooting not covered in this manual, or spare parts, please contact Schellenberg customer support. You can find contact information and additional resources on the [Schellenberg Brand Store](#).