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KING GATES Rolls 700

KING GATES Rolls 700 Motor Reducer User Manual

For Sectional and Up-and-Over Doors up to 14 m²

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your KING GATES Rolls 700 motor reducer. This motor is designed for automating sectional and up-and-over garage doors with a maximum surface area of 14 m² and a maximum thrust of 700 Newtons. It includes a control unit and encoder for precise operation.

Please read this manual thoroughly before installation and use. Keep it for future reference.

2. SAFETY INFORMATION

Important Safety Instructions

- Installation must be performed by qualified personnel in compliance with local regulations.
- Disconnect power before any maintenance or repair.
- Do not allow children to play with or operate the garage door opener.
- Keep remote controls out of reach of children.
- Ensure the door path is clear before operating.
- Regularly inspect the door and motor for signs of wear or damage.

3. PACKAGE CONTENTS

What's Included

The KING GATES Rolls 700 package typically includes:

- Rolls 700 Motor Reducer unit with integrated control unit and encoder.
- (Note: The guide rail is sold separately and is not included with this motor unit.)



Image: The KING GATES Rolls 700 motor reducer unit. This image illustrates the motor component only; the guide rail for the garage door system is not included and must be purchased separately.

4. SETUP AND INSTALLATION

Installation Guidelines

Important Note: This product is the motor unit only. The guide rail required for the complete automation system is sold separately. The provided image is for illustrative purposes of the motor's function within a system.

Installation of the Rolls 700 motor reducer should be carried out by a professional installer. Refer to the detailed installation manual provided with the complete automation kit (including the guide rail) for specific instructions regarding mounting, wiring, and initial setup.

General Steps (Consult full installation manual for details):

1. Mount the guide rail (sold separately) securely to the garage ceiling and door header.
2. Attach the Rolls 700 motor unit to the guide rail.
3. Connect the motor to the main power supply, ensuring proper grounding.
4. Connect any accessories such as photocells, flashing lights, or wall controls.
5. Perform initial programming of the control unit, including setting door limits and force.
6. Test the system thoroughly for safe and correct operation.

5. OPERATING INSTRUCTIONS

How to Operate Your Garage Door Motor

Once installed and programmed, the Rolls 700 motor reducer can be operated using various methods, typically including:

- **Remote Control:** Press the designated button on your remote control to open or close the garage door. Pressing again during operation will stop the door.
- **Wall Switch:** Use the wired wall switch (if installed) to operate the door.
- **Emergency Release:** In case of power failure, use the emergency release mechanism (usually a red cord) to manually open or close the door. Re-engage the motor when power is restored.

The integrated encoder ensures precise door movement and obstacle detection. If the door encounters an obstruction, it will stop or reverse to prevent damage.

6. MAINTENANCE

Care and Maintenance

Regular maintenance ensures the longevity and safe operation of your Rolls 700 motor reducer and garage door system.

- **Monthly:** Check the door balance. The door should stay open at any point when disconnected from the opener. If not, consult a professional for door spring adjustment.
- **Annually:** Inspect all moving parts, including rollers, cables, pulleys, and hinges, for wear and tear. Lubricate moving parts as recommended by the garage door manufacturer.
- **Motor Unit:** Keep the motor unit clean and free from dust and debris. Do not lubricate the motor or guide rail unless specifically instructed by the manufacturer.
- **Safety Reversal Test:** Perform the safety reversal test monthly. Place a 2x4 board flat on the floor in the door's path. The door should reverse upon contact. If it does not, adjust the force settings or consult a professional.

7. TROUBLESHOOTING

Common Issues and Solutions

Problem	Possible Cause	Solution
Motor does not respond	No power	Check power supply, circuit breaker.
Motor does not respond	Remote control battery dead	Replace remote control battery.
Door reverses unexpectedly	Obstruction in path	Clear obstruction, check safety sensors.
Door reverses unexpectedly	Force settings too high/low	Adjust force settings (consult full manual).
Door opens/closes partially	Limit settings incorrect	Reprogram door travel limits (consult full manual).

For persistent issues, contact a qualified technician.

8. SPECIFICATIONS

Technical Specifications

- **Model:** KING GATES Rolls 700
- **Application:** Sectional and Up-and-Over Garage Doors
- **Max Door Area:** Up to 14 m²
- **Max Thrust:** 700 Newtons
- **Integrated Components:** Control Unit, Encoder
- **Manufacturer:** KING GATES
- **ASIN:** B01MTEEGA6
- **Batteries Required:** No
- **Batteries Included:** No
- **Number of Items:** 1 (Motor unit only)

Note: Specific power requirements (voltage, wattage) are not provided in the source data but would typically be found in a full product manual.

9. WARRANTY AND SUPPORT

Warranty Information and Customer Support

KING GATES products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the documentation included with your purchase or contact KING GATES customer support directly.

For technical assistance, spare parts, or service, please contact your authorized KING GATES dealer or visit the official KING GATES website.

Manufacturer: KING GATES

Website: www.king-gates.com

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