

FAAC 746 ER Z16

FAAC 746 Automatic Sliding Gate Kit User Manual

Model: 746 ER Z16 | For Sliding Gates up to 600 kg

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your FAAC 746 Automatic Sliding Gate Kit. This complete kit is designed for intensive use with sliding gates weighing up to 600 kg, featuring an electrically operated 746 ER Z16 motor, its housing, a base plate for ground installation, and an RP 433 SLH receiver. Please read this manual carefully before proceeding with any installation or operation to ensure safe and correct use of the product. Keep this manual for future reference.

SAFETY INFORMATION

Always observe local safety regulations and standards during installation and operation. Installation should only be performed by qualified personnel. Disconnect power before any maintenance or repair work. Keep children and pets away from the gate area during operation. Ensure all safety devices (e.g., photocells, safety edges) are correctly installed and functioning.

PACKAGE CONTENTS

The FAAC 746 Automatic Sliding Gate Kit typically includes:

- FAAC 746 ER Z16 Motor
- Motor Housing
- Base Plate for Ground Installation
- RP 433 SLH Receiver
- Installation Accessories (e.g., mounting hardware, limit switches)
- Instruction Manual (this document)



Image: The FAAC Pratico Kit packaging box, indicating a maximum gate weight of 600 kg.

SETUP AND INSTALLATION

Installation of the FAAC 746 ER Z16 motor and associated components requires careful planning and execution. Ensure the gate operates smoothly manually before automating it. The base plate must be securely anchored to a stable concrete foundation.

1. **Site Preparation:** Clear the area around the gate. Ensure proper drainage and a level surface for the motor foundation.
2. **Foundation Installation:** Pour a concrete foundation for the motor base plate. Ensure the foundation is strong enough to support the motor and withstand gate forces.
3. **Motor Mounting:** Securely attach the 746 ER Z16 motor to the base plate, ensuring it is perfectly level and aligned with the gate rack.
4. **Electrical Connections:** Connect the motor to the main power supply according to local electrical codes. Install the RP 433 SLH receiver and connect all safety devices (photocells, flashing lights, etc.). *It is highly recommended that electrical connections are made by a certified electrician.*
5. **Limit Switch Adjustment:** Adjust the mechanical or magnetic limit switches to define the gate's fully open and fully closed positions.
6. **Testing:** Perform initial tests of the gate's movement, ensuring smooth operation and correct functioning of all safety features.

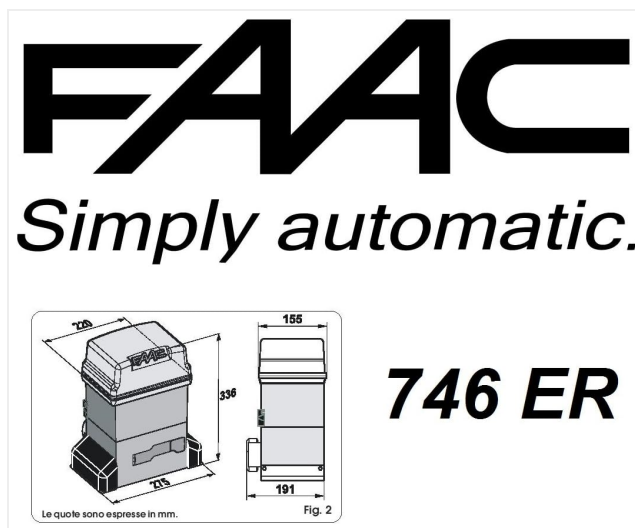


Image: Technical diagram showing the dimensions of the FAAC 746 ER motor, essential for planning installation space.

OPERATING INSTRUCTIONS

The FAAC 746 system is designed for user-friendly operation. Once installed and configured, the gate can be operated via remote controls or other access control devices connected to the RP 433 SLH receiver.

- **Opening/Closing:** Press the designated button on your remote control to open or close the gate. A single press typically initiates the movement, and another press can stop it.
- **Partial Opening (Pedestrian Mode):** If configured, a specific button on your remote may allow for partial opening of the gate for pedestrian access.
- **Manual Release:** In case of power failure or malfunction, the motor can be manually disengaged using the provided release key or lever. Refer to the motor's specific instructions for the manual release procedure.

MAINTENANCE

Regular maintenance ensures the longevity and reliable operation of your FAAC 746 gate automation system. Perform these checks periodically:

- **Cleanliness:** Keep the motor housing and surrounding area clean from debris, leaves, and dirt.
- **Lubrication:** Periodically lubricate the gate's moving parts (wheels, bearings, rack) with appropriate grease or oil. Avoid lubricating the motor's internal components unless specified by FAAC.
- **Safety Devices:** Regularly test photocells and other safety sensors to ensure they detect obstructions correctly.
- **Electrical Connections:** Check for any loose or corroded electrical connections.
- **Gate Movement:** Ensure the gate moves freely and smoothly without excessive friction or noise.
- **Professional Inspection:** It is recommended to have the system inspected by a qualified technician at least once a year.

TROUBLESHOOTING

If you encounter issues with your FAAC 746 system, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Gate does not move.	No power, remote control battery dead, safety device activated, motor in manual release mode.	Check power supply, replace remote battery, check photocells for obstructions, ensure motor is engaged.
Gate stops unexpectedly.	Obstruction detected by safety devices, motor overheating, faulty limit switch.	Clear obstructions, allow motor to cool, check limit switch wiring and adjustment.
Remote control not working.	Battery dead, remote out of range, receiver issue, remote not programmed.	Replace battery, move closer to receiver, check receiver power, reprogram remote.

If the problem persists after attempting these solutions, contact FAAC customer support or a qualified technician.

SPECIFICATIONS

Feature	Detail
Brand	FAAC
Model	746 ER Z16
Max Gate Weight	600 kg
Product Dimensions (approx.)	0.03 x 0.03 x 0.03 cm (Note: These dimensions appear to be placeholder values and may not reflect the actual size of the gate kit.)
Item Weight (approx.)	4.54 g (Note: This weight appears to be a placeholder value and may not reflect the actual weight of the gate kit.)
ASIN	B00LLEJOU6
First Available	October 16, 2014

WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the warranty card included with your product or visit the official FAAC website. For technical support, spare parts, or service, please contact your authorized FAAC dealer or FAAC customer service directly. Contact details can typically be found on the FAAC official website or in your product documentation.



Image: The FAAC company logo with the slogan "Simply automatic.", representing the brand's commitment to automation solutions.



