

Dorma TS68

Dorma TS68 Overhead Door Closer Size 2-4 Instruction Manual

1. INTRODUCTION

The Dorma TS68 is a versatile overhead door closer designed for universal application across various door types. It offers a straightforward and efficient installation process, eliminating the need for a separate mounting backplate. The innovative design, featuring a power shoe on the closer arm and adaptable templating, allows for easy adjustment of the closing force to suit a wide range of door sizes and weights.

This manual provides essential information for the safe and effective installation, operation, and maintenance of your Dorma TS68 door closer.

2. SAFETY INFORMATION

Please read and understand all instructions thoroughly before attempting installation or operation. Failure to follow these guidelines may result in injury or damage to the product or property.

- Always use appropriate tools for installation.
- Keep hands and fingers clear of moving parts during installation and operation.
- Do not attempt to modify the door closer. Any unauthorized modifications will void the warranty and may compromise safety.
- Ensure the door and frame are structurally sound and capable of supporting the door closer.
- Professional installation is recommended to ensure correct function and compliance with local building codes.

3. SETUP AND INSTALLATION

The Dorma TS68 is designed for quick and easy installation. It does not require a mounting backplate, simplifying the process. The closer can be installed in various configurations (e.g., standard arm, parallel arm, push side, pull side) depending on your door and frame type. Refer to the specific template provided with your product for precise drilling locations.



Figure 1: Dorma TS68 Overhead Door Closer. This image shows the Dorma TS68 overhead door closer, featuring its main body, adjustable arm, and power shoe mechanism. The closer has a silver finish and is designed for mounting on the top of a door frame or door.

Installation Steps (General):

1. **Determine Mounting Position:** Identify whether the closer will be mounted on the push side or pull side of the door, and if a standard arm or parallel arm configuration is required.
2. **Mark Drilling Points:** Using the provided installation template, accurately mark the drilling points on the door and/or door frame.
3. **Drill Pilot Holes:** Drill pilot holes at the marked locations, ensuring the correct drill bit size is used for the fasteners.
4. **Mount Closer Body:** Securely attach the closer body to the door or frame using the supplied screws.
5. **Attach Arm Assembly:** Connect the main arm to the closer spindle and then attach the forearm to the door frame or door, depending on the chosen configuration.
6. **Adjust Closing Force:** The closer arm's power shoe and changes in templating allow for easy selection of the closing force. Adjust this setting to match the door size and weight, ensuring the door closes effectively without excessive force.

4. OPERATING AND ADJUSTMENTS

The Dorma TS68 features adjustable closing speed and latch action, allowing you to fine-tune the door's closing cycle for optimal performance and safety.

Adjustable Closing Speed:

This adjustment controls the speed at which the door closes from its fully open position until it reaches approximately the last 10-15 degrees of its closing arc. A slower speed is generally safer and more controlled, while a faster speed can be used for doors requiring quicker closure.

- Locate the closing speed adjustment valve (typically a screw on the closer body).
- Turn clockwise to decrease closing speed (slower).
- Turn counter-clockwise to increase closing speed (faster).

Adjustable Latch Action:

The latch action controls the final speed of the door during the last 10-15 degrees of its closing arc. This ensures the door closes firmly into the frame and the latch engages securely without slamming.

- Locate the latch action adjustment valve (typically a separate screw on the closer body).
- Turn clockwise to decrease latching speed (softer close).
- Turn counter-clockwise to increase latching speed (firmer close).

Note: Make small adjustments and test the door's closing action after each adjustment. Over-tightening adjustment screws can damage the closer.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Dorma TS68 door closer.

- **Periodic Inspection:** Annually inspect the door closer and its mounting for any signs of wear, damage, or loose fasteners.
- **Tighten Fasteners:** Ensure all mounting screws and arm assembly connections are securely tightened. Do not overtighten.
- **Cleaning:** Clean the closer body with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish.
- **Lubrication:** The Dorma TS68 is a sealed unit and typically does not require internal lubrication. Do not attempt to open the closer body.
- **Function Test:** Periodically test the door's closing and latching action to ensure it operates smoothly and at the desired speed. Readjust if necessary.

6. TROUBLESHOOTING

Here are some common issues and their potential solutions:

- **Door closes too fast/slow:** Adjust the main closing speed valve.
- **Door slams shut:** Adjust the latch action valve to decrease the final closing speed.
- **Door does not latch properly:** Increase the latch action speed slightly, or check for obstructions in the door frame or latch mechanism. Ensure the door closer's power is sufficient for the door's weight and size.
- **Door closer leaks oil:** This indicates internal damage. The unit cannot be repaired and must be replaced. Contact Dorma support.
- **Door closer makes excessive noise:** Check all mounting screws for tightness. If noise persists, the unit may be faulty and require replacement.

7. SPECIFICATIONS

Feature	Specification
Model	TS68
Dimensions (L x W x D)	220mm x 54mm x 45mm
Strength Size	Adjustable Size 2-4
Maximum Door Width	1100mm
Maximum Door Weight	80kg
Exterior Finish	Silver
Handed	No (Non-handed)
Adjustable Closing Speed	Yes
Adjustable Latch Action	Yes

Feature	Specification
Delayed Action	No
Backcheck	No
Item Weight	1.6 Kilograms (3.52 pounds)
Mounting Type	Door Mount
Certifications	CE, EN1634 (Fire Tested), BS EN1154

8. WARRANTY AND SUPPORT

For specific warranty information regarding your Dorma TS68 Overhead Door Closer, please refer to the documentation provided at the time of purchase or contact your authorized Dorma dealer. Warranty terms may vary based on region and purchase conditions.

For technical assistance, installation queries, or to report a faulty product, please contact Dorma customer support through their official website or the contact details provided with your product.

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