

Door Closer

Installation Guide V1.0.0



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Revision History

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Contents

1 Overview	4
2 Preparations.....	5
2.1 Installation Tools	5
2.2 Precautions	5
3 Installation	6
3.1 Standard Installation	6
3.2 Top Jamb Installation	8
4 Speed Adjustment	10

1 Overview

The door closer is designed to be mounted on the door head to close the door automatically, completely and timely by compression release after it was opened. The two types of door closers introduced in this manual are mainly suitable for 65kg and 85kg doors.

OEP-K13-65 Door Closer









OEP-K13-85 Door Closer



2 Preparations

2.1 Installation Tools

Tool	Image	Description
Phillips screwdriver		Used to install screws.
Protective gloves		Used to protect your hands during installation.
Screwdriver set		Used to tighten fixing screws.
Tape measure		Used to measure the mounting height.
Hammer drill		Used to drill holes for screws, 5mm drill bit.
L-key		Used to loosen/tighten hex socket screws.

2.2 Precautions

1. Be sure to wear protective gloves before installation.
2. OEP-K13-85 series door closer has a heavy weight, which causes a certain tension on the door and door frame during opening and closing, so be sure to confirm the load-bearing capability of the door and door frame before installation.
3. Select the appropriate installation method according to the size of the door and door frame.

3 Installation

The device supports standard installation and top jamb installation, and is suitable for wooden and metal doors. The installation steps of OEP-K13-65 and OEP-K13-85 door closers are the same, so the following takes OEP-K13-65 as an example.

Standard installation: Suitable for narrow door frames that are not wide enough to accommodate door closers. This installation method is suitable for door opening without obstacles. Even if the door is opened to the maximum angle, the door closer will not hit foreign objects.

Top jamb installation: Suitable for door frames that are wide enough to accommodate door closers. Compared with standard installation, it is suitable for door opening limited by obstacles such as wall, and is suitable for larger and heavier doors due to the larger closing force.

Door Closer Parts



3.1 Standard Installation

1. To ensure wide door opening angle, the door closer shall be installed at a distance of 95mm from the door hinge, and the arm rod shall be installed at the door frame 30mm directly above the closer body. Attach the drill template to the door and mark holes.



2. Drill holes using a 5mm drill bit.



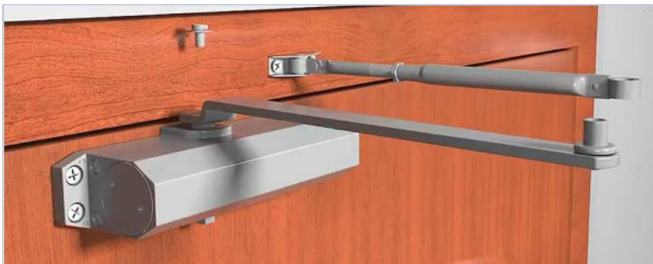
3. Mount the closer body to the door and secure it with the supplied 6mm screws.



4. Fix the arm rod to the top jamb.



5. Fix the closer body and the main arm together with a combination screw.



6. Adjust the arm rod to align its hole with the screw hole of the main arm.



7. Fix the arm rod and main arm together with a screw, adjust the arm rod until it is at a 90° angle to the closer body, and then tighten the screw.



3.2 Top Jamb Installation

1. To ensure wide door opening angle, the closer body shall be installed at a distance of 95mm from the hinge, and the arm rod shall be installed at the door frame 30mm directly above the closer body. Attach the drill template to the door and mark holes.



2. Drill holes using a 5mm drill bit.



3. Mount the closer body to the top jamb and secure it with the supplied 6mm screws.



4. Fix the arm rod to the door.



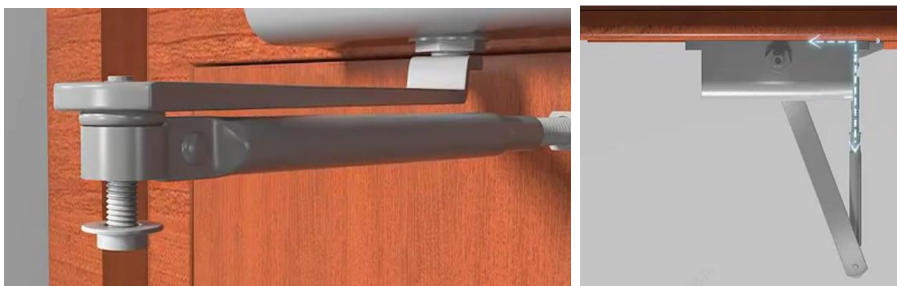
5. Fix the closer body and the main arm together with a combination screw.



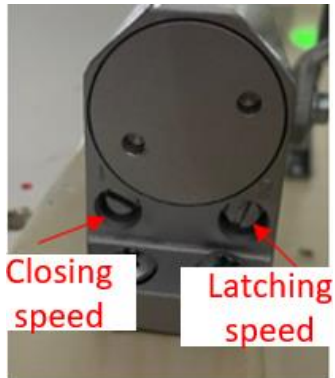
6. Adjust the arm rod to align its hole with the screw hole of the main arm.



7. Fix the arm rod and the main arm together with a screw, adjust the arm rod until it is at a 90° angle to the closer body, and then tighten the screw.



4 Speed Adjustment



There are two screws numbered 1 and 2 on the side of the door closer, which are used to adjust the closing speed and latching speed of the door closer. Clockwise is from fast to slow, counterclockwise is from slow to fast.

- Closing speed: The speed at which the door closes between 10° and 90°.
- Latching speed: The speed at which the door is about to close into place.