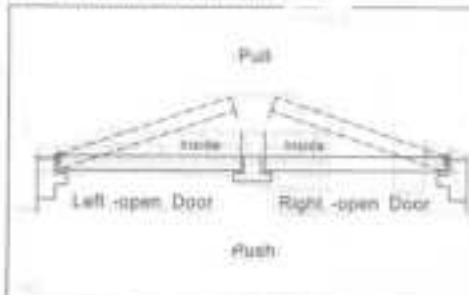


Medium door close installation instructions

B-B DOOR CLOSER INSTALLATION INSTRUCTIONS

Determine the door direction



Adjustment after installation

to adjust closing speed and latching speed

- Clockwise adjustment to slow down
- Counter-clockwise adjustment to speed up



1' regulating retarding speed 2' regulating latching speed

adjustment for closing power

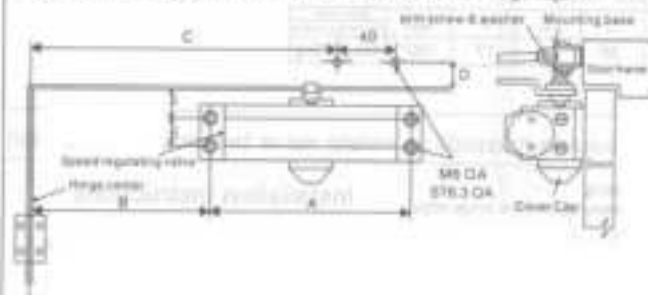


reducing closing power
increasing closing power

Standard installation: Vertical installation on door of pull side

right-open door installation drawing

Same dimensions apply for Left hand door measured from the hinge edge



Installation Instructions

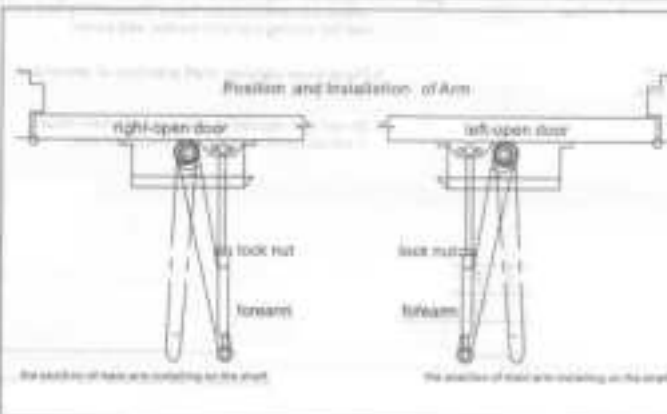
1. Select degree of opening and use drawing as shown in above template to mark holes on door and door frame, and then install door closer.
2. Place door and install on top of door closer as illustrated.
3. When install to the door closer body the regulating valve should be face to hinge side.
4. Attach the lock shoe of the lock to the door frame.
5. Adjust the length of forearm so when it is adjusted to stop arm it will be at a right angle (90°) to the door when door is closed and position at 45° to the forearm locked. Measure to correct forearm and then set by screw and washer.
6. Place cover cap over shaft at bottom of door and lock assembly to secure.
7. Do not turn regulating valve out of closed mount. It will cause oil leakage and malfunction.

NOTICE: before install, hold spring function door closer do not open the shaft beyond 180°, it will damage door closer greatly.

Unit: mm (inch)

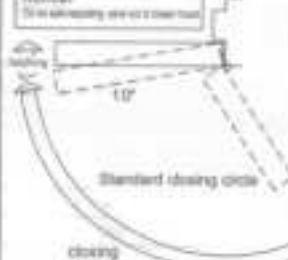
Standard dimension	A	B	C	D	E	F	Forearm angle	Door weight	Door height
B-8	162	105	215	30	18	17	140°	45kg	70kg
	162	90	200	30	18	17	160°		

1



Closing speed control

Notice: Do not exceed 90° to close door

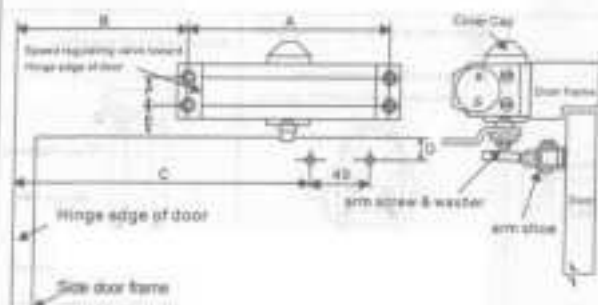


Regulating closing door time, from 60° to close in 0.4 seconds. If for safety and control, the closing time can be longer.

■ Door frame installation: Closer mounted on top jamb on push side of door

Door closer for right hand door installation diagram

Same dimensions apply for Right hand door measured from the hinge edge



Installation Instructions

1. Select degree of opening and use dimensions shown in above template to mark holes on door and door frame and then install door closer.
2. Place main arm on shaft on top of door closer as illustrated.
3. When install the door closer body, the regulating valve should be face to hinge side.
4. Adjust the arm shoe of the forearm to the door frame.
5. Adjust the length of forearm so when it is attached to main arm, it will be at a right angle (90°) to door when door is closed and assemble at above then tighten lock nut. Meanwhile to connect forearm and main arm by screw and washer.
6. Place cover cap over shaft at bottom of closer and turn slightly to secure.
7. Do not spin regulating valve out of closer mount, it will cause oil leakage and unadjustment.
8. When installation, the arm is only suitable for 50mm thickness of door frame. If above 50mm thickness, the straight arm need be longer.

2

Unit: mm

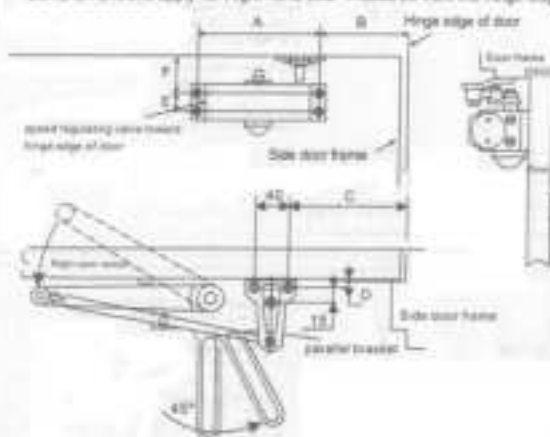
Installation dimensions	A	B	C	D	E	F	Opening angle	Door weight
B-B	162	90	220	30	19	17	160°	45kg-70kg

■ Parallel arm installation: Closer mounted on door on push side

(Notice: Parallel arm installation must use flower hole arm and parallel bracket. This product does not include flower hole arms and parallel bracket.)

Door closer for right hand door installing drawing

Same dimensions apply for Right hand door measured from the hinge edge



Installation Instructions

1. Select degree of opening and use dimensions shown in above template to mark holes on door and door frame and then install door closer. (Notice the valve must be back to hinge.)
2. Install the installing bracket onto the frame as shown in gram.
3. Make the top of the side in the door closer turn about 45 degrees as shown in the gram with a spanner. Fix the moving arm onto the top of the side and tighten the screw of the moving arm. Then the moving arm will pre-press onto the door.
4. Adjust the length fore arm so that the moving arm which will parallel to the frame. Connect the fore arm and the moving arm with washer and screw.
5. Place cover cap over shaft at bottom of closer and turn slightly to secure.
6. Do not spin regulating valve out of closer mount, it will cause oil leakage and unadjustment.

3

Unit: mm

Installation dimensions	A	B	C	D	E	F	Opening angle	Door weight
B-B	162	120	120	10	19	73	160°	45kg-70kg

IMPORTANT NOTICE: Let door to door closing by power of door closer. Please do not add extra power, it will damage the door closer.