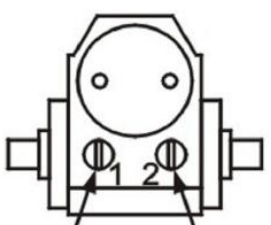
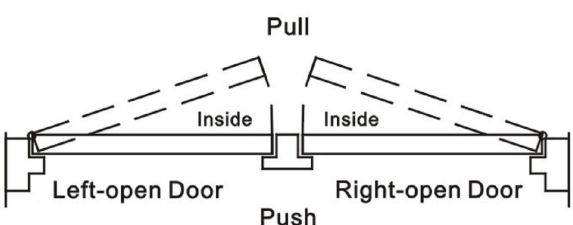
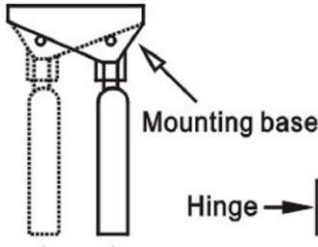


DOOR CLOSER INSTALLATION INSTRUCTIONS

- Determine the door direction
- Adjustment after installation



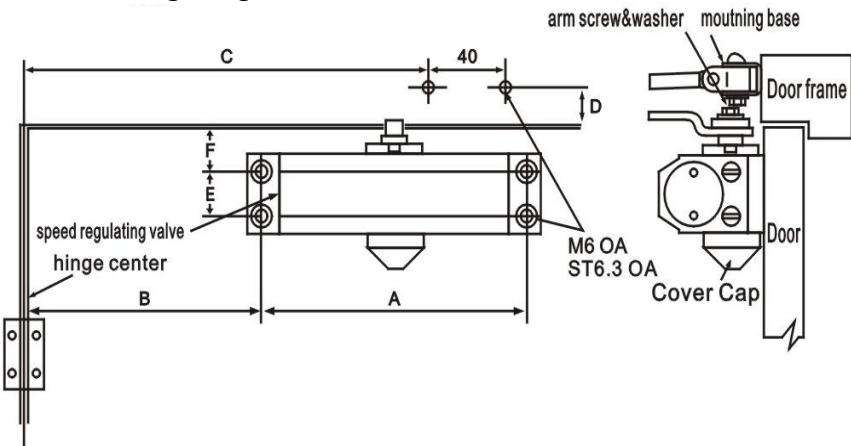
Adjustment on closing power



Standard installation: Verticle installation on door of pull side

Right -open door installation drawing

Same dimension apply for left hand door measured from the hinge edge

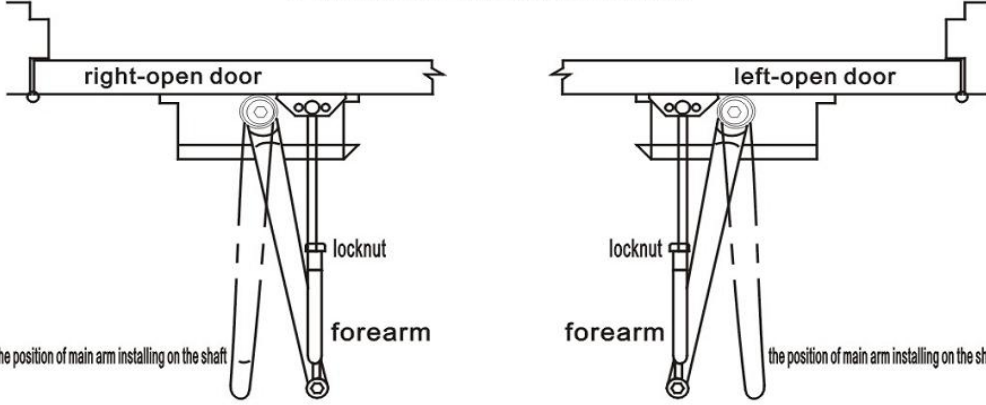


- select degree of opening and use dimension shown in above template to make holes in the door and door frame, and then install door closer.
 - Place main arm on shaft on top of door closer as illustrated.
 - When install the door closer body,the regulating valve should be face to the hinge side.
 - Attach the arm shoe of the forearm to the door frame.
 - Adjust the length of the forearm so when it's attached to main arm , it will be at the right angle (90°)to door (when the door is closed and assemble at elbow then tighten lockout.) Meanwhile to connect forearm and main arm by screw and washer.
 - Place cover cap over shaft at bottom of closet and turn slightly to secure.
 - Do not spin regulating valve out of closer mount, it will cause oil leakage and nu-adjustment.
- Notice:** before install hold-stop function door closer, do not spin the shaft beyond 180°, it will destroy closer greatly.

Unit:< mm >

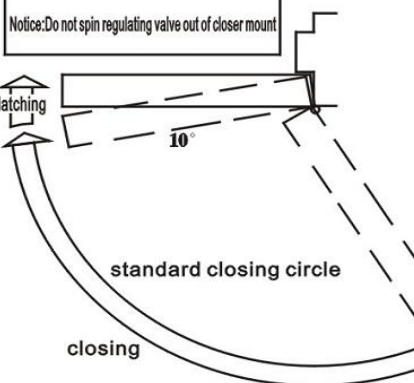
Installation dimensions	A	B	C	D	E	F	Opening angle	Door weight	
								single spring	double springs
B-B	162	110	220	30	19	13	140°	45kg	70kg
	162	90	200	30	19	13	160°		

Position and Installation of Arm



Closing speed control

Notice:Do not spin regulating valve out of closer mount

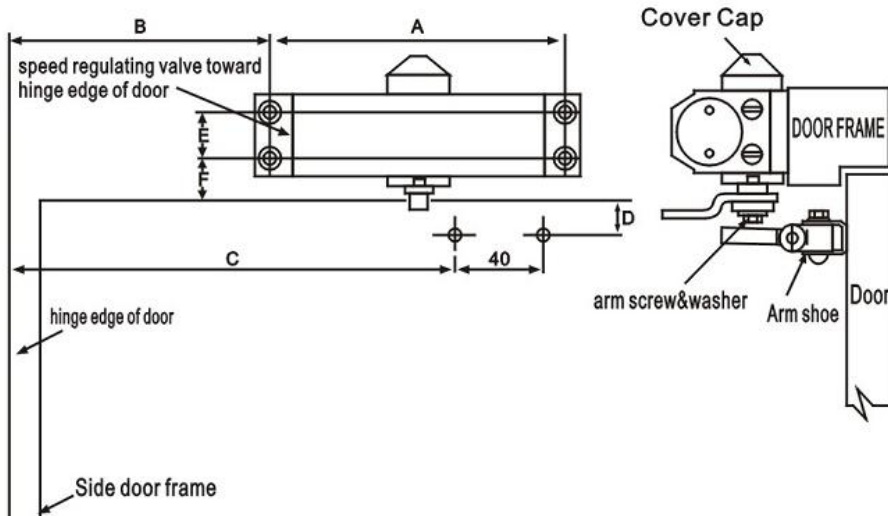


regulating closing door time : from 90° to closing is 4-6 seconds, if for elders and children, the closing time can be longer.

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

Door closer for right hand door installing diagram

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



Installation Instructions

1. select degree of opening and use dimension shown in above template to make holes in the 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 the hinge side.
4. Attach the arm shoe of the forearm to the door frame.
5. Adjust the length of the forearm so when it's attached to main arm, it will be at the right angle (90°) to door (when the door is closed and assemble at elbow then tighten lockout.) Meanwhile to connect forearm and main arm by screw and washer.
6. Place cover cap over shaft at bottom of closet and turn slightly to secure.
7. Do not spin regulating valve out of closer mount, it will cause oil leakage and nu-adjustment.
8. When installation, this arm is only suitable for 50mm thickness of door frame, if above 50mm thickness, the traight arm need be longer.

2

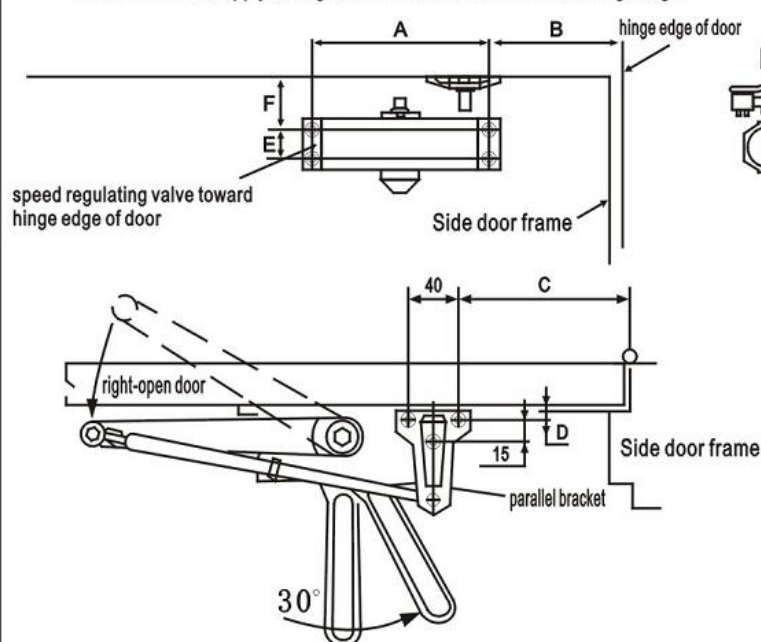
Unit: < mm >

Installation dimensions	A	B	C	D	E	F	Opening angle	Door weight	
								single spring	double springs
B-B	162	110	220	30	19	13	140°	45kg	70kg
	162	90	200	30	19	13	160°		

■ Parallel arm installation: Closer mounted on door on push side (Notice: parallel arm installation must use flower hole arm and parallel bracket)

Door closer for right hand door installing diagram

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



Installation Instructions

1. select degree of opening and use dimension shown in above template to make holes in the door and door frame, and then install door closer.
2. Install the installing bracket onto the frame as shown in the gram.
3. Make the top of the axle in the door closer turn about 30 degrees as shown in the gram with a spanner. Fix the moving arm onto the top of the axle and tighten the screw of the moving arm will pro-press onto the door.
4. Adjust the length of the forearm so that the fore arm will connect with be 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 closet and turn slightly to secure.
6. Do not spin regulating valve out of closer mount, it will cause oil leakage and nu-adjustment.

3

Unit: < mm >

Installation dimensions	A	B	C	D	E	F	Opening angle	Door weight	
								single spring	double springs
B-B	162	110	220	30	19	13	140°	45kg	70kg
	162	90	200	30	19	13	160°		