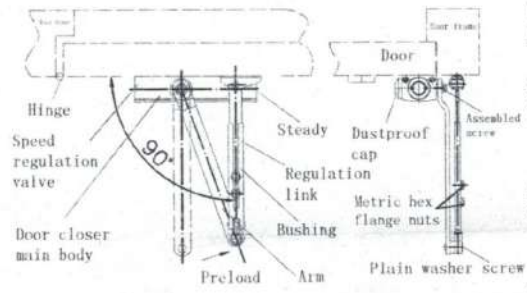


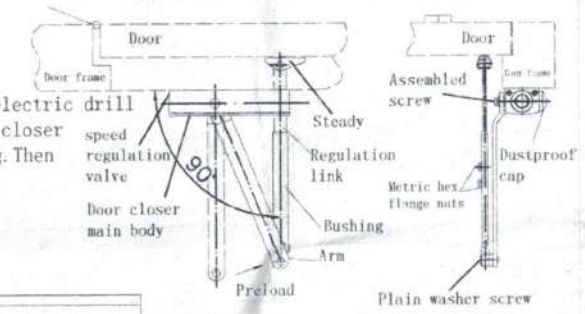
The standard installation



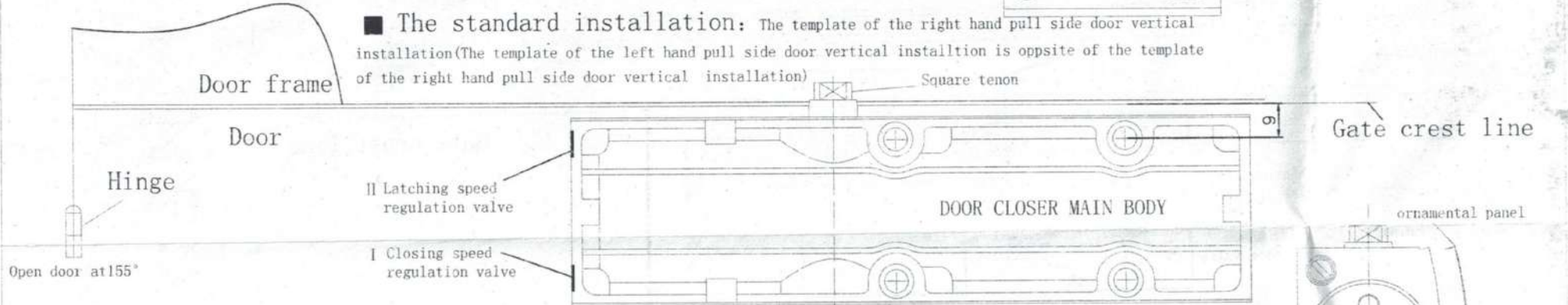
I. The steps of vertical installation:

1. Cut down the template according to your demand, stick the template on the door and frame.
2. According to the position of the installation template, make a screw underport by electric drill
3. Take off the Plain washer and screw of the arm and link. Put the arm and the door closer main body in cross shape. Install the arm on the square tenon of gearing bearing. Then fasten by the assembled screw.
4. According to the mount hole, install the door closer body on the frame or door.
5. Preload the arm to an angle and then install it together with the link which is vertical to the door. (Can adjust the length of the link to finish the installation) Fasten the screw with the plain washer and screw nut.
6. Put dustproof cap on the other end of the gear shaft

The reverse installation

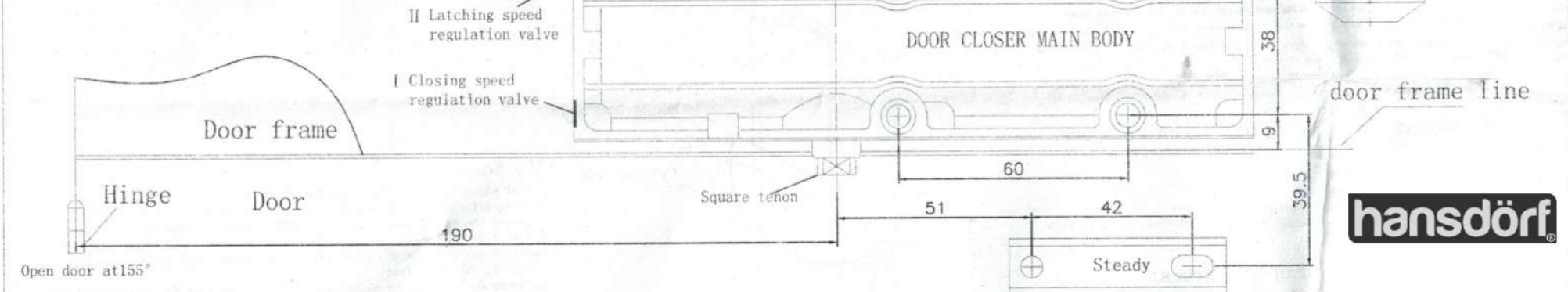


■ **The standard installation:** The template of the right hand pull side door vertical installation (The template of the left hand pull side door vertical installation is oppsite of the template of the right hand pull side door vertical installation)



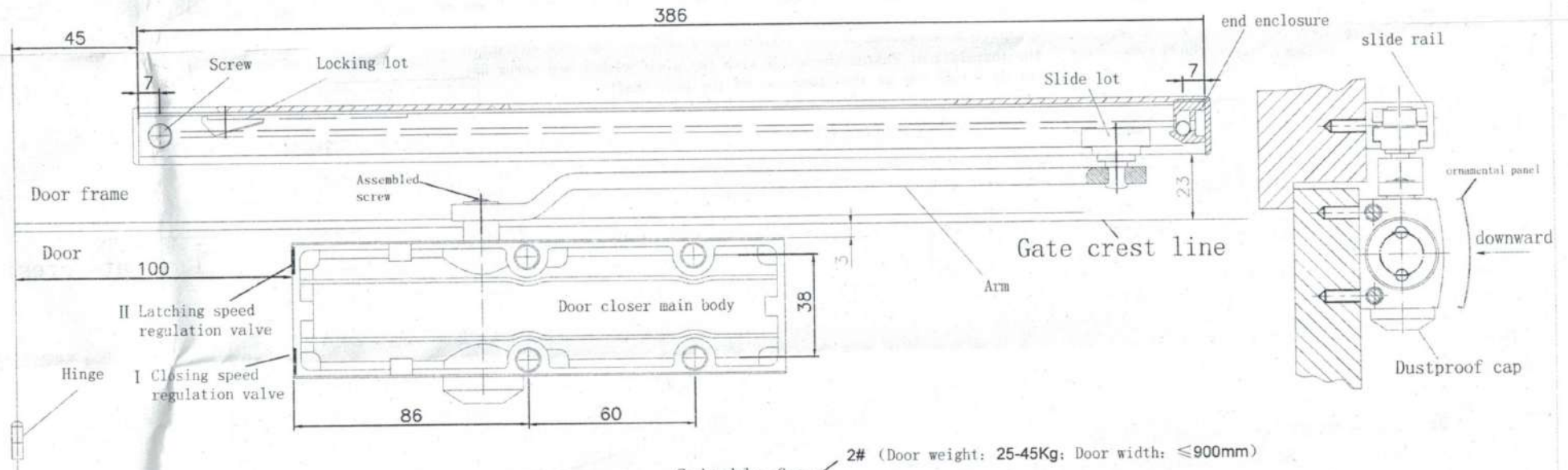
■ The reverse installation:

The template of the left hand push side door vertical installation (The template of the right hand push side door vertical installation is oppsite of the template of the left hand push side door vertical installation)



hansdörf

■ Installation drawing and dimension for slide rail



Suitable for $\left\{ \begin{array}{l} \text{2\# (Door weight: 25-45Kg; Door width: } \leq 900\text{mm)} \\ \text{3\# (Door weight: 40-65Kg; Door width: } \leq 950\text{mm)} \end{array} \right.$

II、Installing procedures for the slide rail:

1. Fixed the door closer main body by the tapping screw conform the installing drawing and dimension.
(Installing for metal door, should bore and tap a hole at first and then fixed it by the screw.)
2. Put the rectangular hole of the arm onto the square tenon and make a 15 degree's joint between the arm and the body. Then fasten it by the assembled screw.
3. Install the slide lot and slide rail, let the slide rail parallel to the door closer main body, make the slide rail resting against the side of the door door frame
4. Fixed the door closer main body by the tapping screw conform the installing drawing and dimension.
(Installing for metal door, should bore and tap a hole at first and then fixed it by the screw.)
5. According to the hold open degree that you choose, Lockup the locking lot in the corresponding position of the slide rail.
6. Install the ornamental panel. Put the dustproof cap on the end of the gear shaft

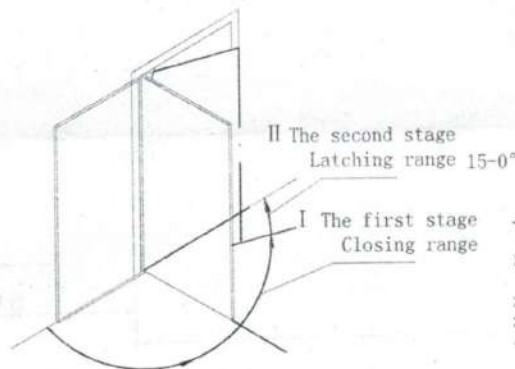
III、Adjust the closing and latching speed:

1. I is closing speed regulation valve
II is latching speed regulation valve
2. Turn the speed regulation valve counterclockwise will make the speed fastly, on the contrary, turn the speed regulation valve clockwise will make the speed slowly



IV、Adjust the hold-open degrees:

1. Loose the screw of the locking lot. Moving it to the required position, then tighten the screw.



V、Notices:

1. Door closer can auto-close the door by themselves extra efforts to close the door are not permitted
2. Fasten the all holding screw after half a month with use.
3. Pay attention to the speed regulation in the summer and winter seasons
4. Please don't change the direction of the square tenon of the gear before install the door closer.
5. Please don't knock the square tenon of the gear hard when you install the arm
6. Please don't whirl out the regulation valve when you regulation the speed.