



















## HSD7-B motor code set steps

| Step | Display  | Key   | Operation  |
|------|--|---|--|
| 1    |         |    | Press the F key to select the auxiliary function, and "FA000" is displayed.  |
| 2    |         |    | Press the left button and the UP button to display "FA010".<br>The left key is the shift key, and the UP key and DOWN key modify the value.  |
| 3    |         |    | Press the S key, the display content is as shown on the left.  |
| 4    |         |    | Press the left button and the UP button, enter the advanced authority P.0010   |
| 5    |         |    | Press the F key to confirm the setting. After the setting is completed, "donE" is displayed flashing.  |
| 6    |         |    | Long press the left button for 1 second, the default display is n.0000.  |
| 7    |        |   | Set the correct motor model code according to the actual motor model.<br>For example, set the new motor model code as: 1336. As shown on the left.<br>The left key is the shift key, and the UP key and DOWN key modify the value. |
| 8    |       |  | Press the F key; when "donE" is flashing, it means that the motor code has been set successfully.  |
| 9    |       |  | Press the S key to return to display "FA010" and exit the model code setting mode. Restart the driver.   |
| 10   | After restart, access FA011, press "S", double check if the motor code be set correctly. |   |  |

## Find the phase zero point

- 1、 Access FA011, press “S”, press “F” till “6. xxx”, check and remember the value (for example 6. 180 as below) , then press “S”



- 2、 Access FA010, press “S”, set P.0000 to P.0010, then press “F”, after “donE” display, press “S”



- 3、 Access FA300, press “S”, ”drG” display, press “F”, the motor will rotate。 Then a value appears (175), if the different between value (175) and the value in FA011 (180) is less than  $\pm 10$ , it means this steps is successful.



- 4、 Then long press “”, restart the driver.
- 5、 Repeat step1 to step4 one more time for double check.

## U、 V、 W phase sequence

- 1、 Please connect U、 V、 W as below firstly.

Motor with brake:

| 1  | 2 | 3 | 4 | 5   | 6   |
|----|---|---|---|-----|-----|
| FG | U | V | W | BK+ | BK- |

Motor without brake:

| 1  | 2 | 3 | 4 |
|----|---|---|---|
| FG | U | V | W |

- 2、 When you do "drG" step in previous page, if the motor runs counterclockwise (facing the motor shaft), it means that the U、 V、 W phase sequence is correct. Otherwise, please exchange U/V, or U/W, or V/W, test again.

