

Through Bore Slip Ring Installation Method



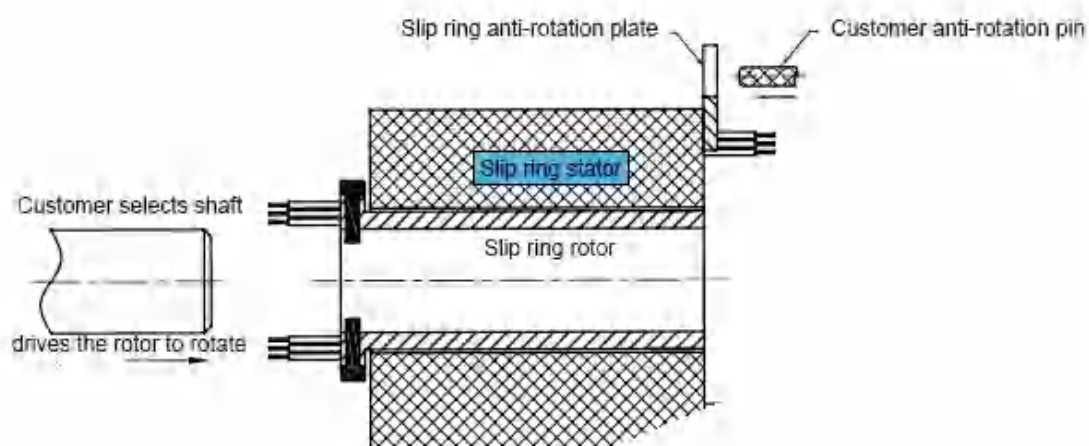
(1) through bore anti-rotation plate installation

- a. Install the slip ring at the required position and radially lock the matching screws, and at the same time ensure that the rotor center is coaxial with the rotating shaft.
- b. Arrange the wires and make necessary connections. Prevent the wires from hindering the free rotation of the slip ring. Do not press the wires so that they bend. Otherwise, accidents may occur due to damage to the wire insulation layer.
- c. Use a cylindrical pin or bolt to clamp it in the U-shaped groove of the stop plate.

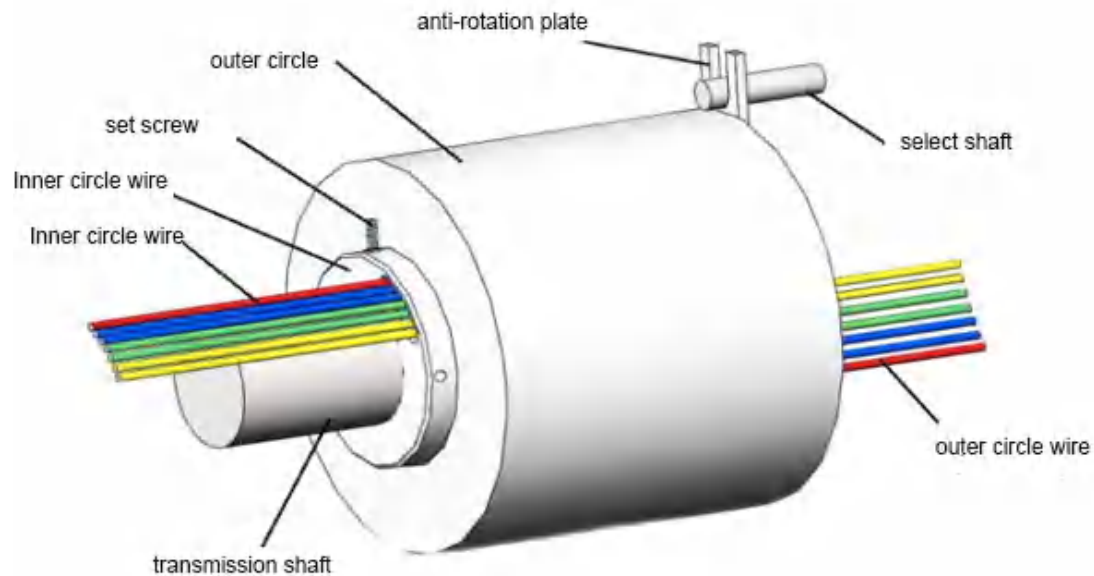
(2) through bore flange installation

1. First, position the positioning outlet of the slip ring with the hole of the client, and lock it with washers and screws.
2. Arrange the wires and make necessary connections to prevent the wires from hindering the free rotation of the slip ring.
3. Fix the other end with a positioning block or a stop pin.

Installation diagram (2D)



Installation Diagram (3D)



Installation guide

- 1) Because it is difficult to ensure concentricity between the slip ring rotor and stator during installation, it is recommended to use 4 set screws to lower the slip ring and fix it on the rotating shaft. Before tightening the screws, please turn the conductive ring first.
- 2) Let the conductive ring automatically find the center of the positive shaft, and then tighten the screws.
- 3) Insert the anti-rotation rod into the anti-rotation plate. Do not force the anti-rotation plate to fix it, otherwise it may cause damage or fail to reach the expected service life.

Precautions:

- 1) The slip ring body shall not be used for load-bearing, and the ring body wire shall not be subjected to external tension.
- 2) When installing the slip ring, be sure to protect the wire to avoid affecting the product quality due to damage to the wire insulation layer.
- 3) Slip rings are precision electrical components and should work in a dry, dust-free environment. If the environment is harsh, additional protective measures should be taken.
- 4) Make sure the nuts on the fixed part are not loose.
- 5) Keep the stator wire away from the rotating shaft and the rotor wire away from the fixed part to avoid scratching the wire during rotation.