

Solid Flange Slip Ring Installation Method

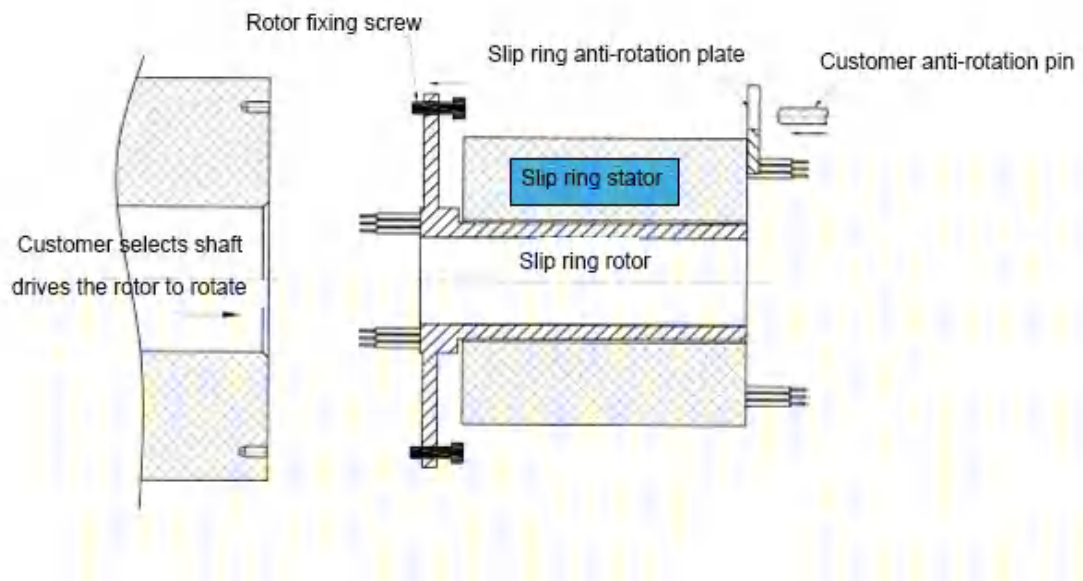
(1) Rotor Flange Installation

A. Inner ring transmission method: the fork of the client clamps the shaft head to achieve synchronous rotation.

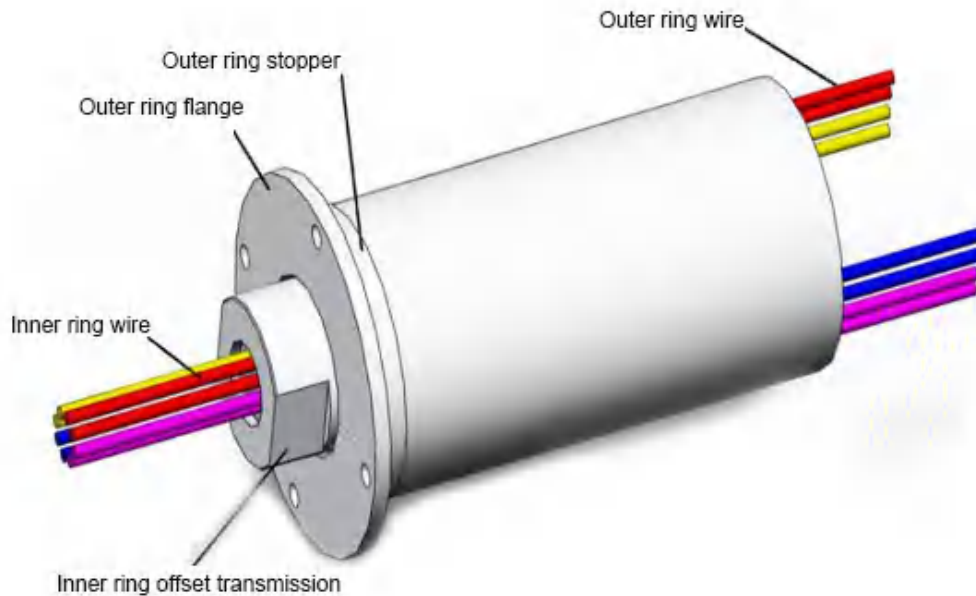
B. Outer ring transmission method: the outer ring stop cooperates with the client, and then the flange round hole is used to fix it with screws.



Installation diagram (2D)



Installation Diagram (3D)



Installation guide

Because it is difficult to ensure concentricity between the slip ring rotor and the stator during installation, it is recommended to use 4 screws to fix the rotor flange of the slip ring to the rotating body (or the transition flange of the rotating body), and lock

Before tightening the screws, please ensure that the boss position of the flange and the rotating body are guaranteed to be on the same center line to ensure a certain concentricity.

Then 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 to the slip ring or fail to reach the expected service life.

Precautions:

- 1) In addition to bearing its own weight, the slip ring body shall not bear other objects exceeding 1 kg, and the ring body wire shall not bear 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 of the fixed part are not loose.
- 5) The stator wire is away from the rotating shaft, and the rotor wire is away from the fixed part to avoid scratching the wire during rotation.
- 6) The stator and rotor of the slip ring can be interchanged according to actual needs. It doesn't matter which part rotates or is stationary.