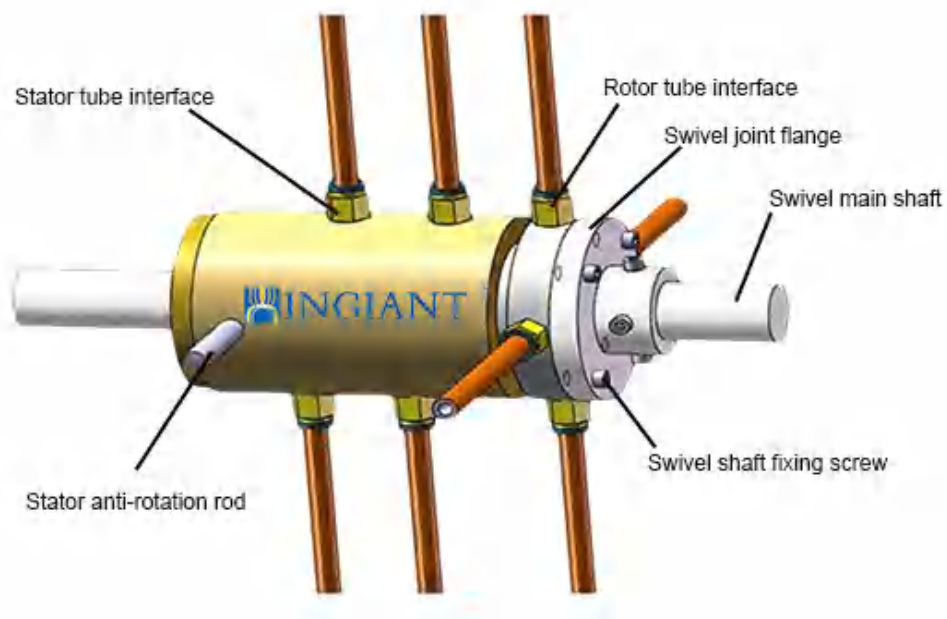


Rotary Joint Installation Method

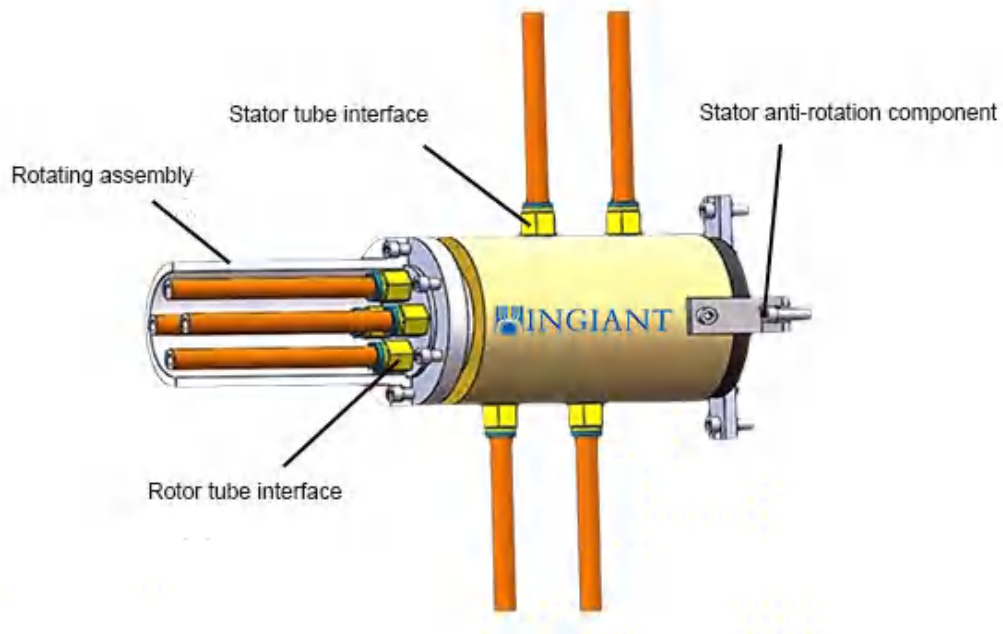
Pneumatic rotary joint/pneumatic-hydraulic-electric combined rotary joint is a 360° unlimited rotating ventilation and conductive device, especially widely used in industrial automation turntables.

Ingiant technology offers rotary joint installation diagram (3D) as bellow

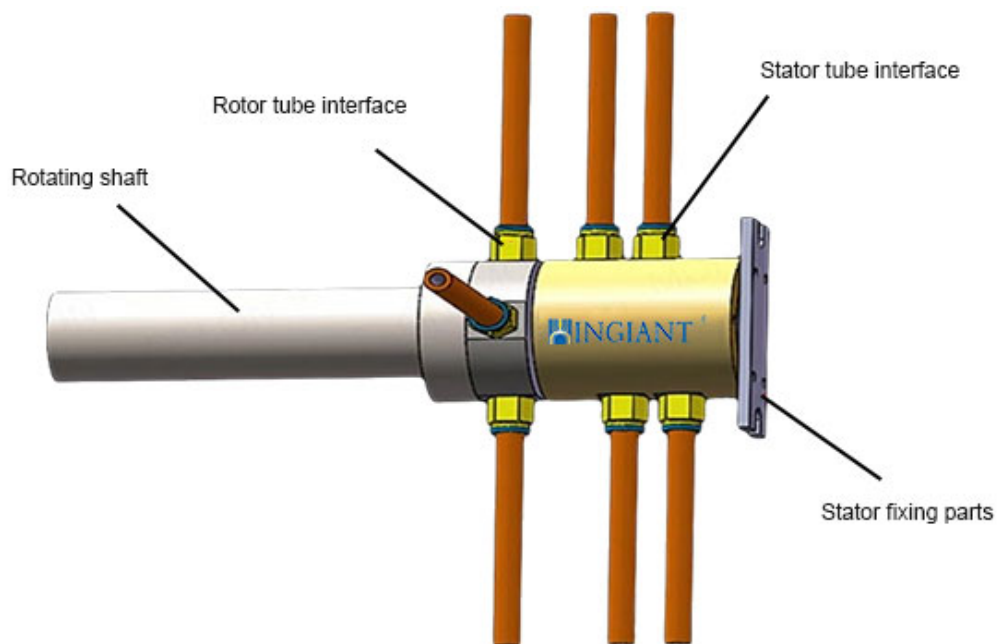
(1)Through bore rotary joint installation



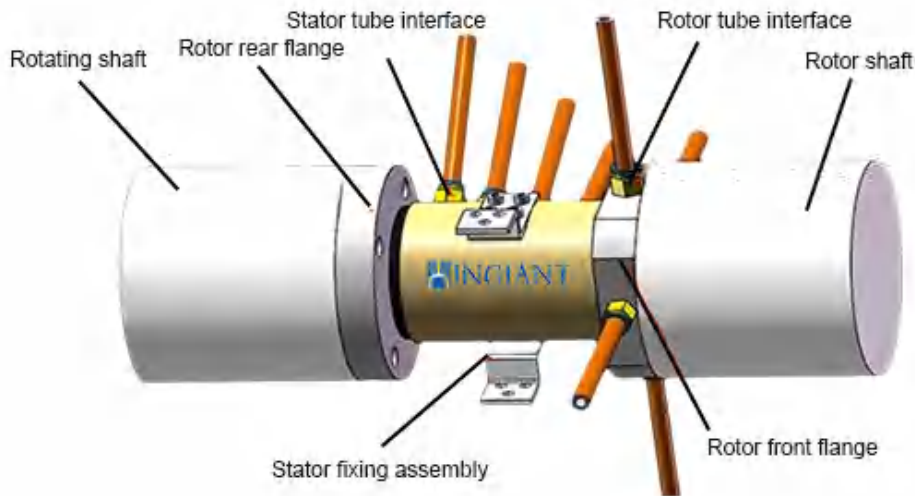
(2)Rotating shaft with bore installation



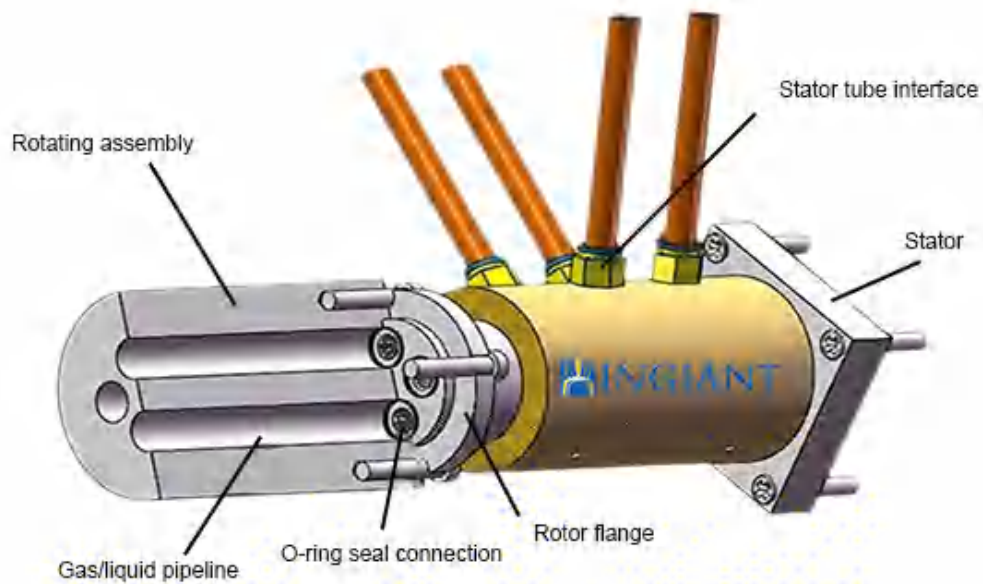
(3) Rotating shaft with bore



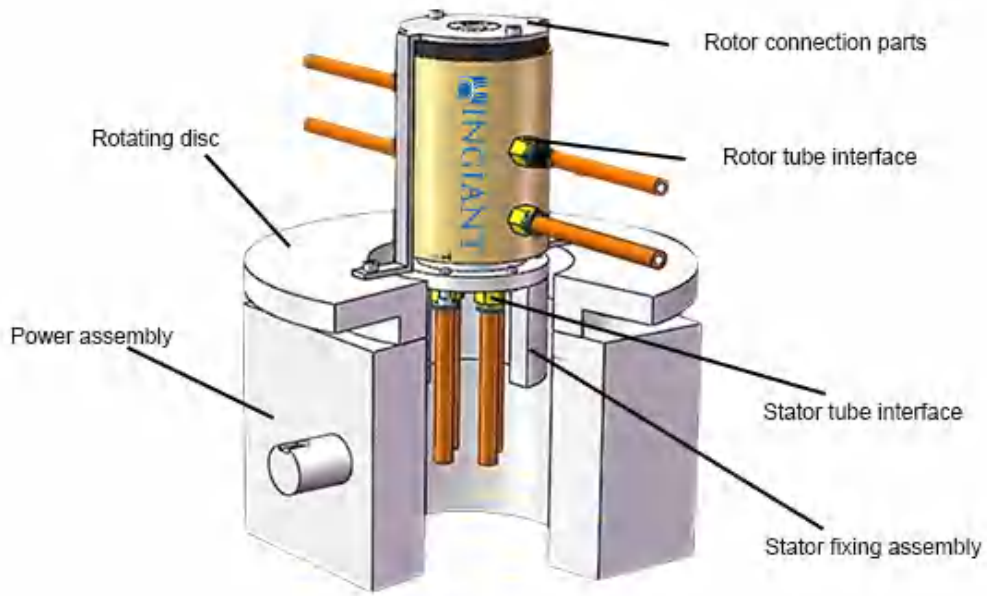
(4) Dual flange rotary joint installation



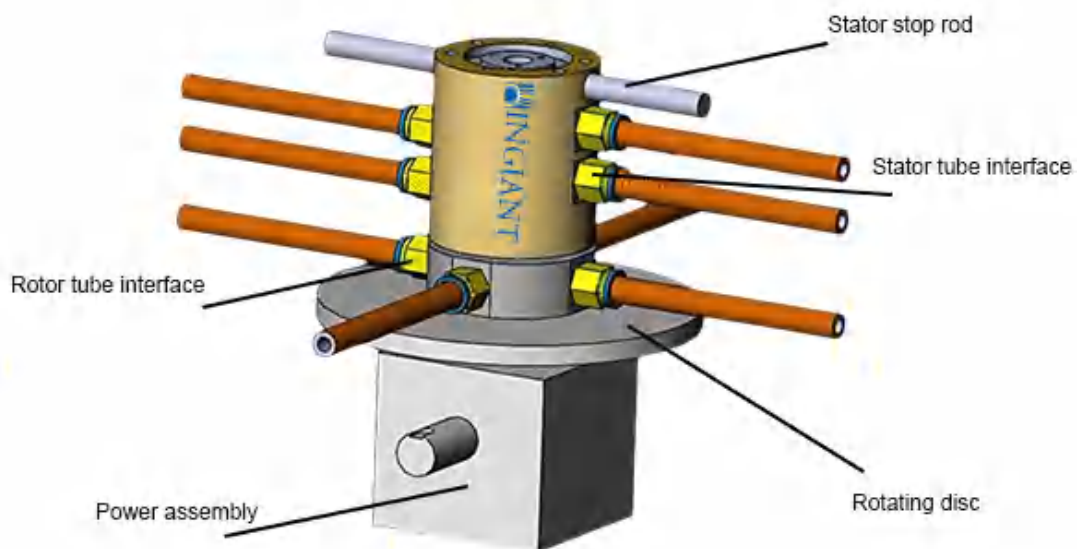
(5) O ring connection rotary joint installation



(6) Through bore in the middle of turntable installation



(7) Without bore in the center of the turntable installation



Installation guide

- a. Whether the installation position matches the flange position of the slip ring. If not, a transition flange needs to be added.
- b. The installation positioning hole of the flange is a threaded hole, which should be paid special attention to.
- c. If it is in a place with severe vibration, a spring gasket needs to be added to prevent the screw from loosening.
- d. The flange has a boss for coaxial positioning.
- e. There are two anti-rotation holes on the outside of the slip ring body. After the anti-rotation rod is tightened into the anti-rotation hole, the connection between the anti-rotation rod and the stator part should maintain a certain degree of freedom, otherwise it is easy to damage the slip ring. Usually a ring is used to hold the slip ring, and then the anti-rotation rod is connected to the ring.

Precautions:

- A. When installing the slip ring, be sure to protect the wire to avoid damage to the wire insulation layer and affect the product quality.
- B. The slip ring is a precision electrical component and should work in a dry, dust-free environment. If the environment is harsh, additional protective measures should be taken.
- C. Make sure the nut of the fixed part is not loose.
- D. 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.