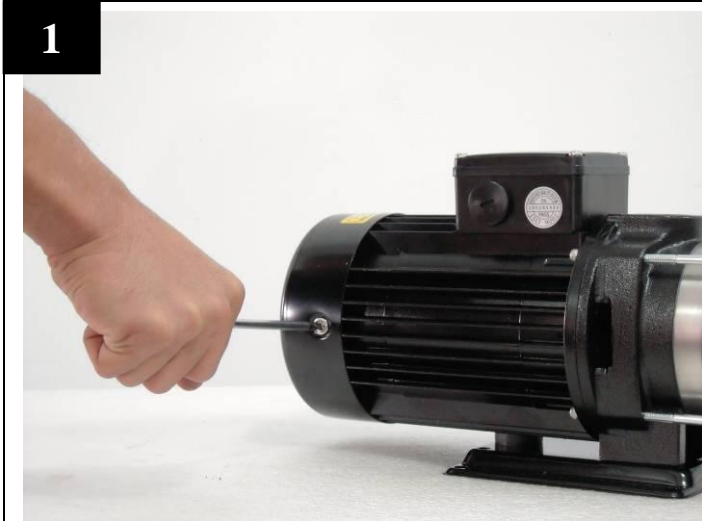


Replacing TPH2-4T Series Mechanical Seal

1. Removing mech seal.

WI-D3-S-B005E-3



Loose the screws and remove the motor fan cover.



Using Allen wrench to remove the motor fan.



Using Allen wrench (metric size) to loose the stud bolts and remove pump cap.



Using wrench to loose the lock nut.



Remove all impellers, sleeves and inter-mediate chambers and place them in order.



Remove the 12mm sleeve

7



Remove the cap.

8



Remove the spring

9



Remove the rotary parts of mechanical seal.

10



Remove the stationary part.

2. Assembling mech seal.

1



Place a new O ring on pump casing.

2



Spray water on the shaft as lubrication.

3



Place the stationary part in position

4



Place the stationary part in press in.

5

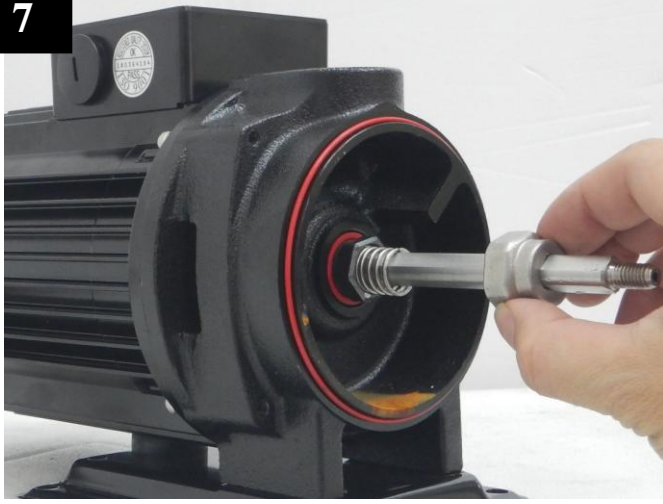


Place the rotary parts on shaft.

6



Place in the rotary part.

7

Place the spring and cap onto rotary parts.

8

Place the 12mm sleeve

9

Place back all impellers, sleeves and inter-mediate chambers in order.

10

Place the lock nut.

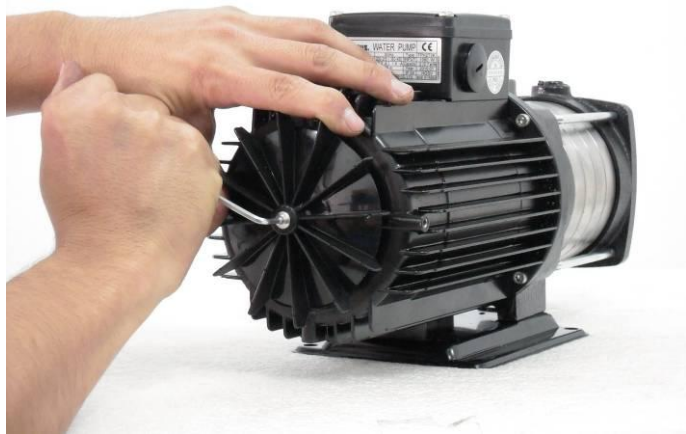
11

Using wrench to tighten up the lock nut.
※Torque 140 kgf · cm

12

Install the pump cap and Tighten up the stud bolts.
※Torque TPH2T1K~3K 70-80 kgf · cm
TPH2T4K~6K 90-100 kgf · cm
TPH4T2K~3K 90-100 kgf · cm
TPH4T4K~6K 120-140 kgf · cm

13



Install the motor fan.
※Torque 10 kgf · cm

14



Install the motor fan cover.
※Torque 25 kgf · cm