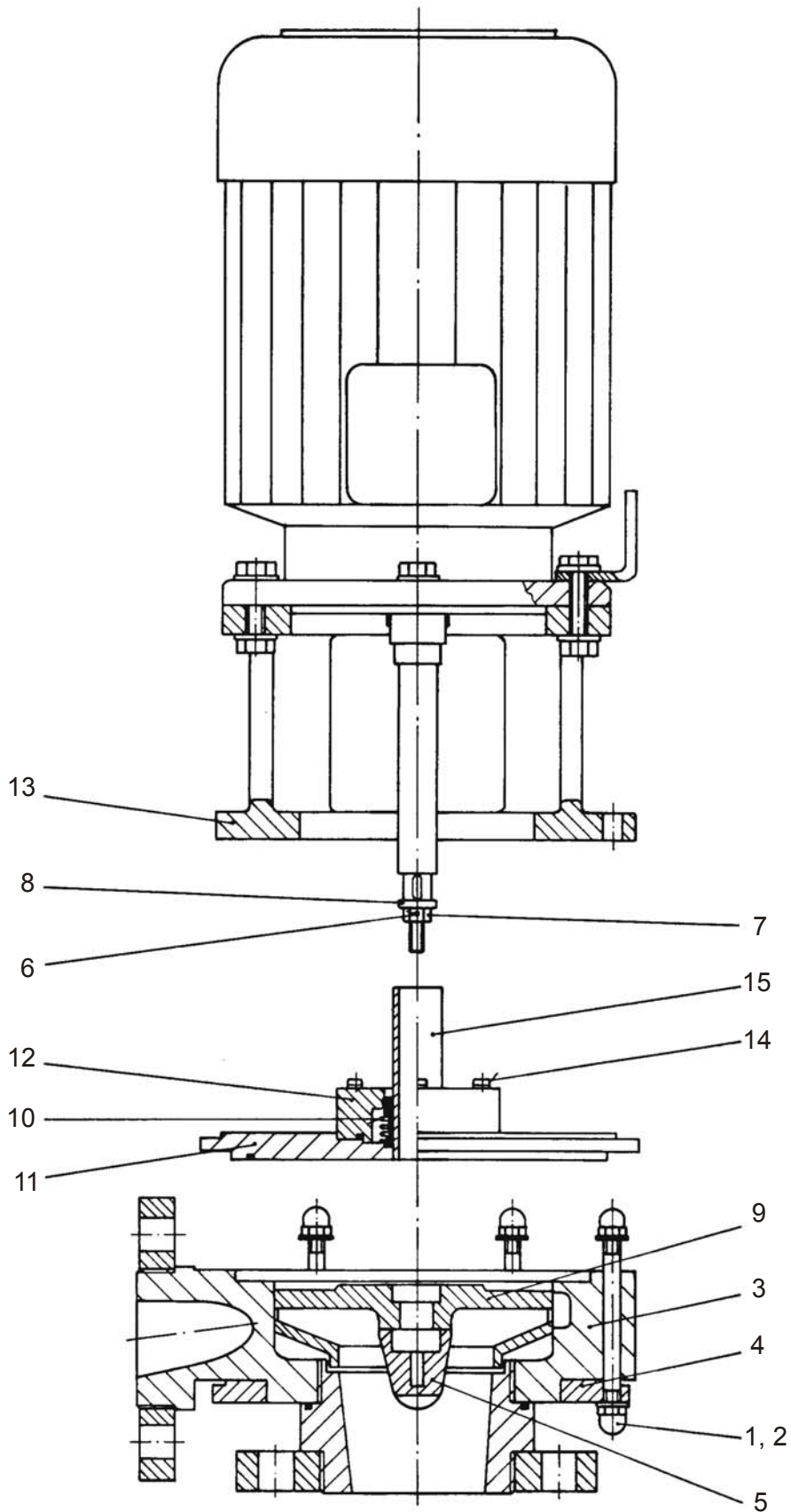


Replacing Mechanical Seals



How to replace a mechanical seal (B2i version)

Important! The pump must be disconnected electrically to make sure that the motor does not start unintentionally.

- a) Loosen cap nuts **1**.
- b) Remove spacer bolt **2** from spiral casing **3** and casing flange **4**.
- c) Pull away casing flange **4** and spiral casing **3** towards the front.
- d) Unscrew impeller cap **5**. **Caution!!! Left-hand thread.**
- e) Remove safety pin **6**.
- f) Unscrew crown nut **7 (left-hand thread)** and remove washer **8**.
- g) Push impeller **9** smoothly towards the front using two assembly levers.
- h) Remove mechanical seal **10** now visible with two screw drivers towards the front.
- i) Push back-plate **11** with counter-ring flange **12** out of spacer **13** using two assembly levers.
- j) Loosen screws **14** at counter-ring flange **12**.
- k) Push counter-ring of mechanical seal **10** from rear out of counter-ring flange **12**.

For reassembly proceed in reverse order.

During disassembly please check the following:

- Has shaft protection sleeve **15** been damaged?
- Has the seat of counter-ring flange **12** been damaged?
- Have other components been damaged or are they worn out?

All o-rings should be replaced when assembling a dismantled pump.