

CHANGING THE SEAL SERIE NR. 7

Detach the motor unit from the pump housing and then remove both the impeller and the seal from the shaft.

Clean the shaft and examine its condition at the sealing point. Small scratches or pitting should be ground smooth. Clean also the groove for the stationary ring in the sealing flange.

Check the condition of the bearings. If necessary, replace the bearings and other worn or pitted parts before changing the seal.

Handle the faces of the new seal with clean hands!

1. Lubricate the O-ring (5) with soapy water (not oil) and fit it into the groove of the sealing flange (the groove of the stationary ring to the bottom of the flange).
2. Press the stationary ring (2) into the sealing flange and ensure it is fully inserted. Install the sealing flange onto the front plate of the motor.
3. Install the assembly sleeve to the end of the shaft (if applicable).
4. Lubricate the shaft and the bellows of the seal (3) with soapy water (not oil).
5. Push the body/bellows with fitting tool (or with suitable sleeve) onto the shaft until the faces meet. Take care not to use too much force.
6. Install the impeller. Renewal of the O-ring of the pump housing is recommended. After that the motor unit can be fastened to the pump housing. Don't run the pump dry.

