

Water Pumps, type APP: Hints in Right and Wrong

1. **Grease**

Correctly limited quantities of grease prevent seizing.

Too much grease may develop biofilm causing operational failures.

2. **Sealing**

Fittings in screwed components to be sealed with O-rings or bonded seals.

Using teflon tape or packing yarn in joints may cause damage.

3. **Assembly of Coupling**

The coupling must be easy and simple to assemble (see product instruction).

Never use force when assembling the coupling parts, as this will damage the motor/pump.

4. **Coupling**

Ensure always to have 3 mm distance between coupling flanges.

Insufficient distance and/or misalignment between the coupling flanges will damage the pump.

5. **Impurities**

Prior to installation, burrs and chips and other impurities must be removed from pipes and hoses, e.g. with a felt plug.

Chips or other impurities in the system may cause damage.

6. **Rotation Direction**

Check pump drive motor rotation direction matches that of the pump prior to installation.

Incorrect rotation direction will damage the pump.

7. **Pressure Relief Valve**

Pressure relief valve to be mounted vertically or with vertical outlet and connected to return hose or tank.

Coupling the pressure relief valve outlet directly to the pump inlet may damage the pump.

8. **Bleeding**

Bleeding the pump will ensure correct cooling and lubrication.

Insufficient bleeding may cause damage (not applicable to Power Packs).