

LONG-TERM STORAGE OF BECKER PUMPS

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The first step is to ensure that the pump is free of water or water vapour. Oil-lubricated pumps require an oil change to ensure that they are refilled with oil without contamination.

Even when stored, the operating materials used (e.g. bearing grease) are subject to a natural ageing process. For this reason, we recommend changing the bearings in the event of delayed commissioning after the warranty has expired or after storage for more than one year.

The following procedure applies to all dry-running and oil-lubricated pumps:

- Allow the pump to run for at least 30 minutes after it has reached a stable operating temperature. This is reached after about 30-60 minutes. Ensure that the pump delivers a small amount of dry ambient air.
 - Operate the oil-lubricated pumps with gas ballast valve over the above-mentioned period with the suction side closed and the gas ballast valve open.
 - Leave the oil-lubricated pumps without gas ballast valve in operation at a pressure of approx. 100 mbar for the above-mentioned period.
 - Leave the dry-running vacuum pumps in operation with the suction nozzle closed for the above-mentioned period. Pay attention to the maximum setting of the vacuum relief valve.
 - Operate the dry-running compressors with the suction port open and the discharge port closed so that the pump works against the relief valve. Ensure that the pressure relief valve is set to the maximum permissible pressure of the pump.
- Immediately after switching off the pump, place a packet of silica gel in the suction filter housing and seal all inlets and outlets with sealing plugs. The gel will absorb all moisture residues and keep the pump free from corrosion that would otherwise occur.

Before using the pump again, you must remove the silica gel and the sealing plugs. A warning sticker placed near the suction or discharge nozzle will later inform everyone to remove all items again.

For short-term storage (for a maximum of two months), it is generally not necessary to preserve the pumps in accordance with these specifications. The only exception is if air with a high moisture content was pumped before the pump was out of operation for a longer period of time. In general, the above procedure is recommended if the pumps are not used for a longer period of time.