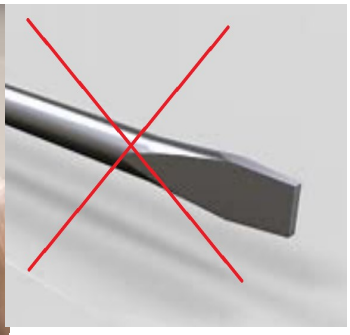
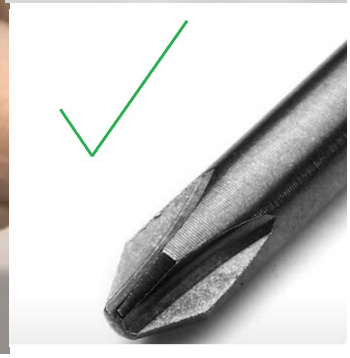
GRUNDFOS UPM3 Pump

How To Free A Jammed Rotor





Following a prolonged period of not being used such as in the summer, a number of pumps may not run when being turned on for the first time. This is usually due to a build up of debris in the pump which will prevent the internal rotor from turning.

The pump has a built in mechanism which will attempt to turn the pump when this happens.

The pump can often be heard clicking repeatedly. This is the noise a UPM3 pump will make when trying to free itself.

If the pump is too clogged up to free itself the internal rotor may have to be turned manually.

Many installers believe that this pump cannot be turned manually, but in fact it can.

In the centre of the pump head there is a hole. Insert a long shank CROSS HEAD screwdriver and locate the tip into the rotor shaft. It will be noticed that at this stage the shaft will turn easily. However the shaft must be pushed hard and then turned in order for it to engage it onto the rotor. Only then will the user be able to turn and free the rotor.

If this does not work because there is an excessive amount of debris in the pump, the pump can be isolated using the valves and the head easily removed for cleaning.

It is important to ensure the system water is kept clean and a suitable inhibitor used in sufficient dilution.

Turning on the pump at regular intervals during long periods of inactivity is good practice or the best practice is to fit controls with built in pump exercise function and use this facility.