

Pump running-in for ATH 31

The pump must undergo a running-in operation

The running-in operation consists of cycles at different speeds to gradually distribute the grease through the ball bearings.

Running-in after ball bearing replacement

Running-in program No. 1

duration $\approx$ 20 hours

This operation is used to obtain the pump's initial performance in terms of reliability, noise level, vibration and electricity consumption.

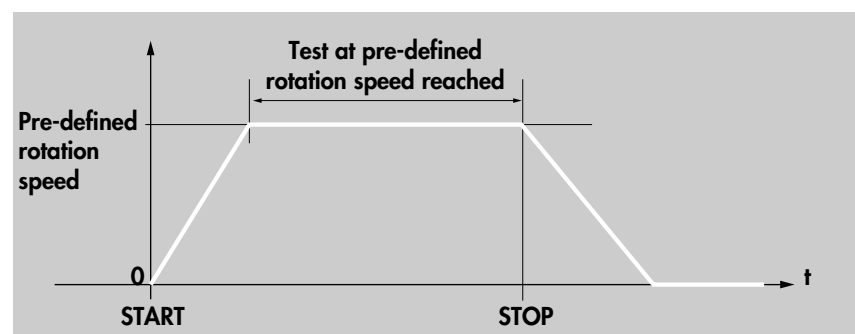
Running-in before first pump start up

Running-in program No. 2

duration $\approx$ 30 minutes

This operation must be done when the pump is new, or after a prolonged storage of one month or more.

The running-in consists of multiple Start/Stop cycles at different speeds.



During the running-in, cycle and phase counters are displayed.

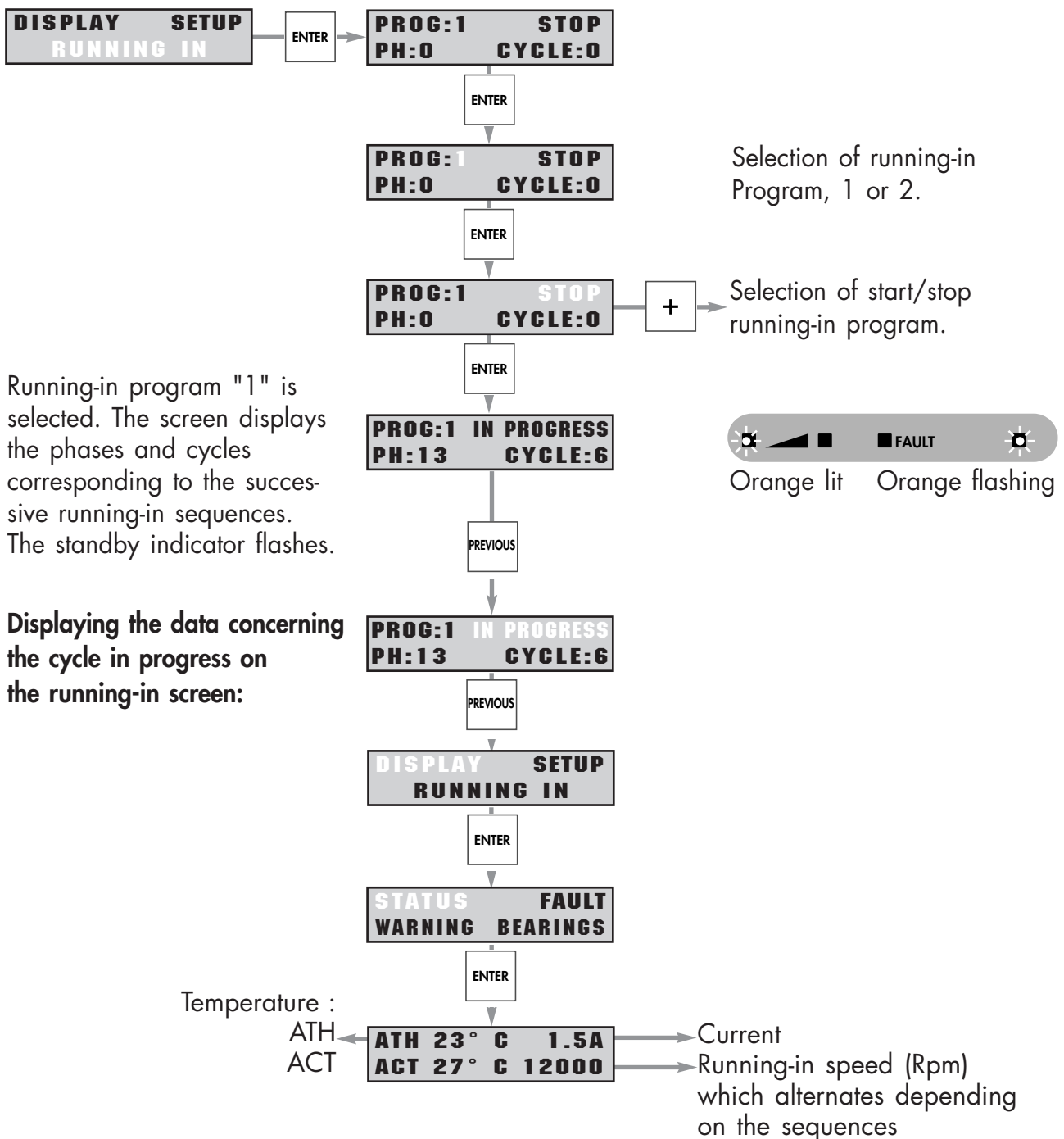
PROG:1	END
PH:0	CYCLE:0

The running-in is ended.

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Running-in procedure

- Operate the pump 10 minutes at atmospheric pressure.
- Then, connect and start the primary pump ensuring the cooling has been started.
- Start the running-in operation as follows:



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If a problem occurs during running-in

The controller displays:

PROG 1	FAULT
PH 1	CYCLE 2

and the program is stopped. Remedy to the problem and start the running-in operation again.

During the running-in cycles:

- the START / STOP / STANDBY keys are deactivated;
- access to the **SETUP** menu is impossible;
- access to the **DISPLAY** menu is possible.

We advise against stopping the running-in procedure.

If a power failure occurs during running-in when the "Auto Starting" parameter is set on "NO"

When the power is restored, the controller displays:

RUNNING IN ?	
NO [-]	YES [+]

The running-in operation has been stopped.

It must be started again after having selecting the running-in program, 1 or 2.

If a power failure occurs during running-in when the "Auto Starting" parameter is set on "YES"

When the power is restored, the running-in program restart automatically at the beginning and the controller displays for example:

PROG 2	IN PROGRESS
PH 3	CYCLE 1