



SERVICE BULLETIN

Title: 17/19 C/CB 3200MP Retrofit: Thrust Bearing Sensor

Models Affected: 17/19 C/CB

Number: C9112

Date: 10/31/91

Supersedes: None

Date:

Purpose:

To provide the instruction necessary for retrofitting a 17/19 C/CB chiller with a 3200MP thrust bearing sensor.

File: Controls–Wiring

Prepared By: Todd C.Young

Approved By: Alan M. Johnson

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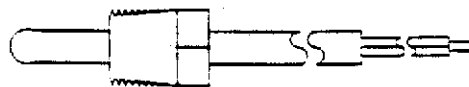
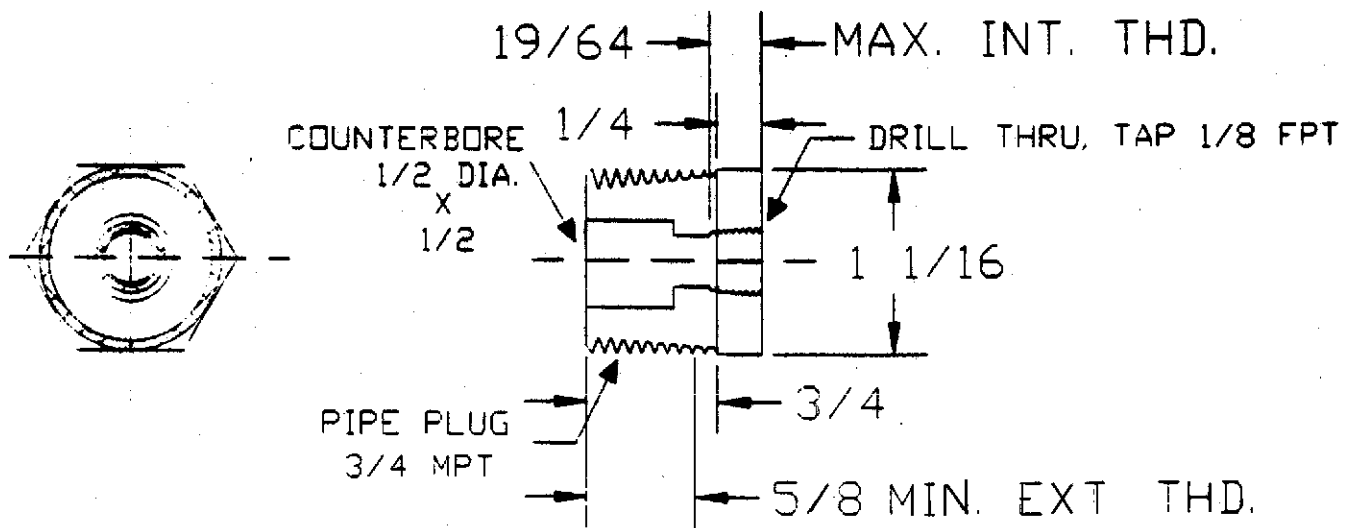
Background:

When performing the above retrofit, the existing thermostat may be retained and used as a discrete input. However, if temperature is to be measured, the existing thrust bearing thermostat must be replaced with the 3200MP thrust bearing sensor since it is not a thermistor type. Observe the specific wiring instructions outlined in the Controls Retrofit Installation Instructions.

Procedure:

1. Drill and tap a pipe plug of the given dimensions to produce a bushing of the dimensions shown.
2. Counterbore the end of the bushing as illustrated. This will ensure adequate oil flow into this area to obtain a true reading.
3. Screw sensor HH-79NZ-045 into the bushing; replace thermostat 19C-65-446 with this assembly.

Note: Do not use the location of the existing pipe plug in the bearing housing oil overflow passage, as at certain loads oil flow around the sensor will not be sufficient to obtain true bearing temperature.



SENSOR P/N HH-79NZ-045