

A Bearing Heater for convenient Mounting of medium sized Bearings



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TECHNICAL DATA : AM 300 B

The Bearing heater is useful to heat & mount Bearings between a bore diameter of 55 mm to 150 mm. The heater comes with 2 coils: 1KW for 55 mm dia to 100 mm dia and 1.75 KW for 100 mm dia to 150 mm dia. For this range of Bearings, Mechanical pressing forces become impractical and Bearings need to be shrink fitted. Because of the thermostat the heater achieves controlled heating. The end of the heating cycle is signified by both Audio alarm and the visual Digital temperature indicator. A built in microswitch, ensures equipment can not be kept 'ON' without a job. The supply includes 2 pairs of high temperature handgloves to handle the hot Bearings. The heater can be used upto 150°C with an accuracy of $\pm 5^{\circ}\text{C}$.

ADVANTAGES :

- 1) The Heater ensures uniform and controlled heating of Bearings unlike the 'Naked Flame' or oil bath heating which can be dangerous.
- 2) It is clean operation, no chances of dust or foreign particles entering the Bearing.
- 3) It is convenient as it is portable (~ 15 kg), works on 220 V Single Phase and hence can be carried to the job.
- 4) It is ideal for maintenance/light production work and can be used to heat other components as well.