

BOBBIN HEATERS

Description:

KST's bobbin heaters are designed and fabricated based on numerous years of experience in the heating industry. The heaters reliability and durability are proven by their users' satisfaction in the various types of industries.

Resistance wire grade NiCr 80:20 coil is evenly wound over the bobbin ceramic supporting core and returned to the terminals at a single end. The entire bobbin heater is inserted into a stainless steel (sheating) pipe that is mounted onto the tank/container. With this method, the heater is safely isolated from the material inside the tank by the stainless steel pipe. Thus, it improves the lifespan of the heater significantly.

Besides, it also provides the convenience of replacing the heater without having to drain out material from the tank. However, since the heater is not in contact with the material, heat conduction is slower and the wattage density is also lower compared to an immersion heater that is directly in contact with the material.

Applications:

- Water Heating in the Food Processing Industry, Detergent Processing, Shampoo Processing, etc.
- Oil Heating such as BioDiesel Processing, Cooking Oil Processing, and Bitumen/Asphalt Heating, etc.
- Chemical Heating
- Extruder Mold

How to Order?

Please provide the following information:

- Heater Length & Diameter
- Voltage and Wattage
- Selection of termination, termination protection box
- Drawing or sample of heater may be necessary for any special requirements



Bobbin Heater Ceramic Core



Stainless Steel Sheating Pipe with Terminal Protection Box