

MICA BAND HEATER WITH CLAMPING SHEATH

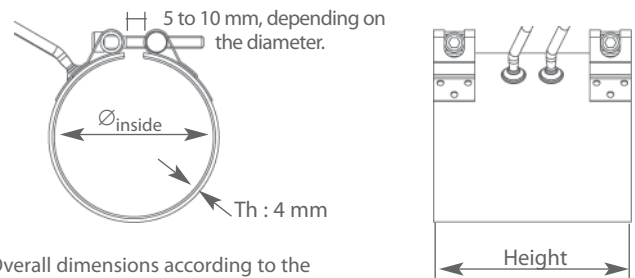
Tailor-made band heaters.

- Max. watt density over the surface of the heater: 4.5 W/cm².
- Max. working temperature: 340°C, depending on working conditions.
- Diameter : 50 to 380 mm.
- Heating height : 50 to 420 mm, depending on connection type.
- Clamping sheath in aluminised steel allows a proper support of heaters with important cutouts or large dimension.
- Electric insulation with mica.
- Connection: - Without cap : wire, stud or pins terminals
- With cap : stud, pin terminals or braid.
Cap directing : axial, radial or tangential.
See the connection definition p 10.
- Voltage: 230 V single phase (standard). Other voltages on request, from 12 to 500V.
- Clamping: barrel nuts or spring loaded screws (compensated clamping) for diameters over 300 mm. See definition p 9.
- Products are in accordance with EN 60335-1
Wattage tolerance : +5% -10%
Leakage current < 0.75 mA/kW



Mica band heater with stainless steel clamping sheath and pictogram

- Overall dimensions of a mica band heater with clamping sheath



Overall dimensions according to the connection type. Ex : wire connection.

- Special manufactures:
 - Accessories and options, see p 12.
 - How to define a special band heater, see p 18.

MICA BAND HEATERS

The band heaters shown below are tailor-made and are not kept in stock.

They can be fitted with accessories and options, see p 12. To define your requirements, please, see form p 18.

SEALED MICA HEATER



- Heater designed to complete our range of nozzle heaters, with heights over 90 mm.
- Max. operating temperature over the surface of the heater: 340°C, according to the working conditions.

- Max. watt density over the surface of the heater : 6.5 W/cm².
- Diameter : 50 to 380 mm. Height: 50 to 420 mm. Thickness : 2.8 mm
- Brass or stainless steel sheath metal, brazed or welded.
- Electric insulation with mica plates.
- Connection: galvanized steel braid in CMBPE type cap, axial directing at 30° angle. See p 10.
- Clamping types : square angle flange or barrel nuts. See p9
- Standard clamping gap of the heater: 5 mm.

HIGH WATT DENSITY MICA BAND HEATER



- Model designed for heating applications requiring high watt density.
- Max. working temperature over the surface of the heater : 340°C, depending on the working conditions.

- Max. watt density over the surface of the heater: 8 W/cm².
- Diameter : 50 to 150 mm. Height: 30 to 111 mm. Thickness: 3 mm
- Sheath metal : aluminized steel.
- Electric insulation with mica.
- Connection : Wire connection coming from the thickness. p 10.
- Clamping with straps fitted with barrel nuts and M4 screws, lenght according to the diameter of the heater.
- Standard clamping gap of the heater: 5 mm

LARGE DIMENSIONS MICA BAND HEATERS

- Max. manufacturing dimensions for mica band heaters: 630 mm diameter, 600 mm height.
- Possibility of manufacturing heaters with very large diameters, to be used for drum heating. Several models of belts, with or without thermal insulation or waterproof are available from stock. See the "Drum heater" section.

Our products specifications are subject to change without notice. We reserve the right to modify them according to the technical evolution