## **Simex**



# Band heaters

power supply: from 220V to 3x400V heater diameters: from 25 to 1500 mm micanite or ceramic insulated design additional adiabatic sheath hermetically sealed termination

possibility to use inner J, K, T thermocouple sheath: carbon steel, brass, Cr-Ni steel termination type: cable, block, screw

Band heaters are designed with micanite or ceramic insulation sheathed with brass or stainless steel plate. Ceramic band heaters are chracterised by the excellent insulation properties and the long-lasting period of operation.

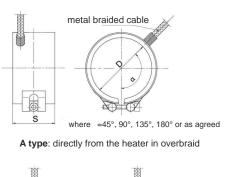
#### Application:

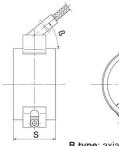
- industrial pipes,
- -nozzles,
- -film blowing machines,
- -packing machines, injection moulding machine, excruders.

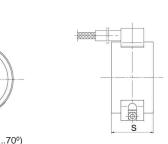
### TECHNICAL DATA

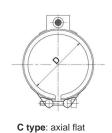
Parameters	GM	GC
Isolation	micanite	ceramic
Heater diameter	25 ÷ 1000 mm	50 ÷ 1500 mm
Width	25 ÷ 1000 mm	40 ÷ 1000 mm
Thickness	3,5 ÷ 4 mm	12 ÷ 32 mm
Supply voltage	24V, 48V, 220V, 230V, 380V, 3x380V, 400V, 3x400V, other	
Surface loading	4,5 W/cm²	7 W/cm²
Housing material	Cr-Ni steel (AISI 321), brass	Cr-Ni steel (AISI 321)
Operating temperature	max. 450°C, allowable 500°C during good heat dissipation	max. 550°C, allowable 600°C during good heat dissipation

#### TERMINATION TYPES



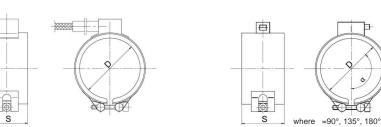


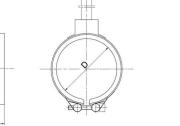




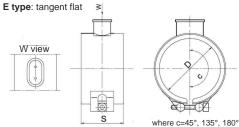
F type: with block

De: directly from the heater in overbraid B type: axial (angle 3...70°)

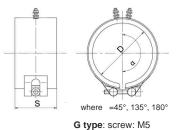




E type: tangent



D type: radial



where c=45°, 135° **H type**: plug



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