

Explosion-proof steel Finned-tube Heaters type ERB

The Sinus Bobé explosion-proof finned-tube heater looks similar to the standard finned-tube heaters.

Construction:

This type of heater has rolled-in ribs. The heating element is composed of stacked stones. The heater can be regulated by means of an explosion-proof thermostat, type EJB 0-40.

Standards:

The Sinus Bobé explosion-proof finned-tube heaters are ISSEP approved, and comply with the EN 50.014/50.018.

Pressure resistance:

The construction is approved for gas groups I, IIA, IIB and IIC.

Ex-marking:

Safety from explosion is ensured by a flame proof construction with direct connection (construction d), a maximum surface temperature of 200°C at an ambient temperature of 40°C and a screw lid, whereby the leakage path complies with the requirements according to the IIC class.

Therefore the Sinus Bobé explosion-proof finned-tube heater is in line with temperature class T3, and is provided with the reference mark EEx d IIC T3.

Through reduction of output, a flame proof construction with a maximum surface temperature of 135°C is obtained, thus meeting the requirements of temperature class T4.

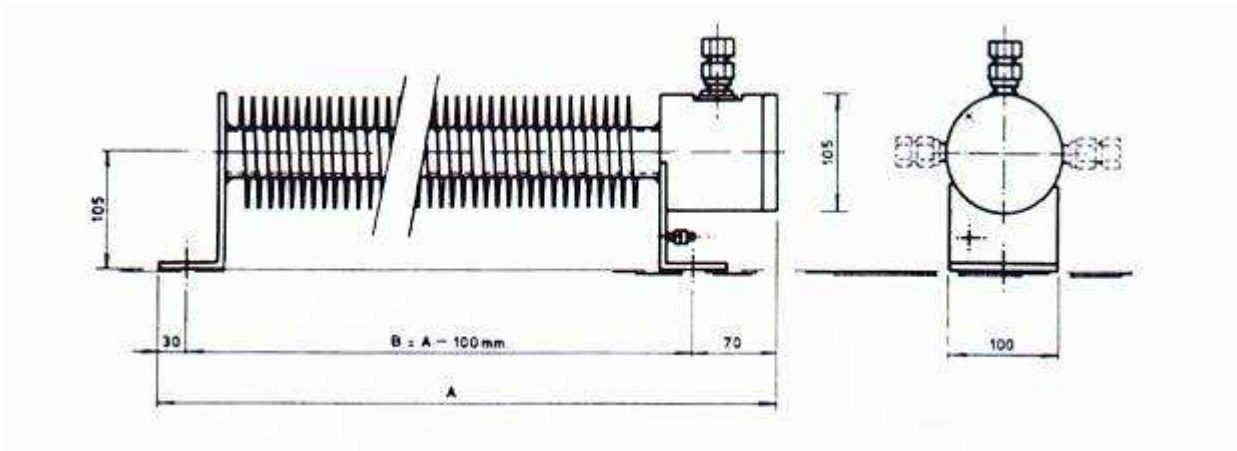
These heaters bear the reference mark EEx d IIC T4.

Application:

Usage in heating areas where all possible gases or vapours may be present, like oil/gas rigs, in the chemical and petrochemical industries, and in areas where combustible and/or flammable products are stored.



Type	Total length	T3	T4
ERB 3	450 mm	250 Watt	140 Watt
ERB 4	550 mm	325 Watt	180 Watt
↓	↓	↓	↓
ERB 29	3050 mm	2320 Watt	1350 Watt
ERB 30	3150 mm	2400 Watt	1400 Watt



MODEL ERB .. T3 D8500

- Grey epoxy-coating
- Steel flame proof construction
- Especially suitable for areas with hazardous gases or vapours which are able to explode or ignite spontaneously
- Max. surface temperature of 200°C at an ambient temperature of 40°C
- CENELEC
- EN 50.014/50.018 EExd II C T3
- IP65
- 230 Volt standard
max. 440 Volt / 12 Amp

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