



## A-1802-0923

Coolgap bobbin PQ32/30

**DIMENSIONS** - Height 29,80mm x Diameter 14mm

### PQ CORES

#### ► Featured/applications

Coolgap is an innovative cooling system that removes the heat directly from the source. In inductive components, higher power density and lower losses can be achieved thanks to the considerable reduction of the temperature at its origin, resulting in a global weight and volume reduction of the part.

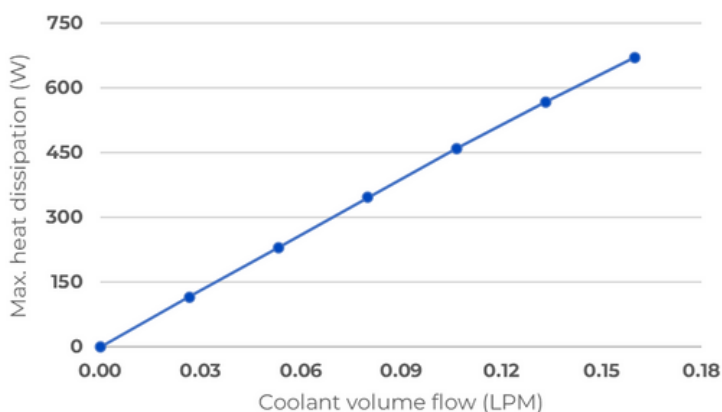


## 01 MATERIAL PROPERTIES

|                               |                                           |
|-------------------------------|-------------------------------------------|
| Coilformer material           | High-temperature resin                    |
| Thermal conductivity          | 0,63 W/mK                                 |
| Specific heat                 | 951 J/kgK                                 |
| Density                       | 1721 kg/m <sup>3</sup>                    |
| Thermal expansion coefficient | 47 $\mu\text{m}/\text{m}^{\circ}\text{C}$ |
| Thermal class (IEC61857-21)   | 155°C (F)                                 |
| Compatibility                 | Good water, glycol and oil compatibility  |

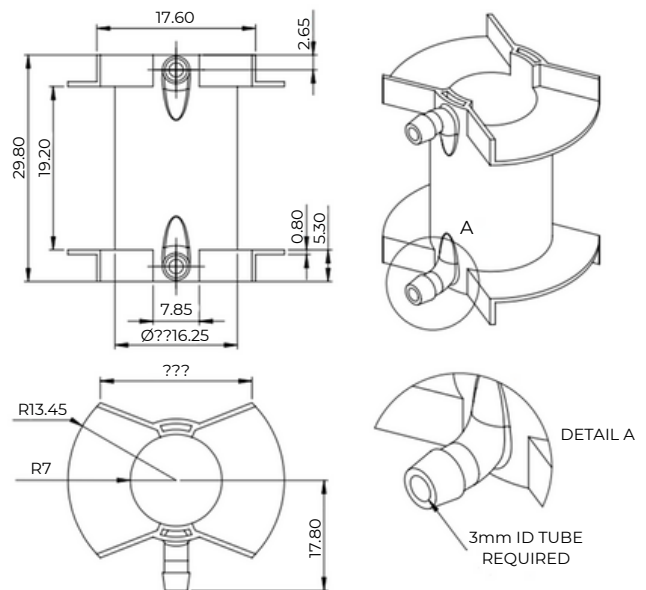
## 03 SPECIFICATIONS

### HEAT DISSIPATION



\*Heat dissipation considering 100°C fixed coil-former temperature.

## 02 MECHANICAL DIMENSIONS



Tolerances: ISO 2768-1m unless otherwise specified

### PRESSURE DROP

