

# Special Original Equipment

## Electrical water circulating pumps for universal 24 V applications



**Suitable for**  
**24 volt applications**



*Electrical water circulating pump  
7.02058.04.0 with clamp 7.07421.02.9*

The Motorservice Group is the sales organisation for the global aftermarket activities of KSPG (KOLBENSCHMIDT PIERBURG). It is a leading supplier of engine components for the independent aftermarket. Special Original Equipment (SOE) is a specific business segment, with selected KOLBENSCHMIDT and PIERBURG components for a varied range of applications.

PIERBURG Pump Technology supplies a 24 V water pump for the utility vehicle and bus sector. It is characterised by its robust and compact design, and works as a centrifugal pump with electronically commutated motor. The drive of the pump is hermetically separated from the wet side.

#### Additional advantages:

- Delivery rate wholly independent of the engine speed of the vehicle
- Adjustable by using a power controller (not included in delivery)
- Smooth running and excellent durability due to the brushless commutation
- Overflow capability
- High chemical resistance

#### Fields of application

The electrical water circulating pumps from PIERBURG Pump Technology offer numerous options for application:

- Residual heat dissipation after the vehicle engine has been stopped, when used in conjunction with a cooling fan
- Supplementary pump for fuel cooling and automatic air conditioning
- Circulating pump in pre-heating systems for quick cabin warm-up
- Support of a mechanical water pump in critical operation situations ("Stop & Go")
- Battery and drive cooling in electric vehicles

#### Technical data for 7.02058.04.0

|                               |             |
|-------------------------------|-------------|
| Nominal voltage [V]:          | 24          |
| Operating voltage [V]:        | 16–32       |
| Nominal pump pressure [mbar]: | 100         |
| Volumetric flow [l/h]:        | ≥ 820       |
| Current consumption [A]:      | max. 0.8    |
| Temperature range [°C]:       | –40 to +135 |
| Protection type:              | IP 54 A     |
| Weight [g]:                   | max. 280    |



#### Note:

Motorservice also offers electrical water circulating pumps for 12 volt applications.