



Water pumps



Truck
Division



Range overview

Each and every vehicle requires optimum water pump performance. Good coolant fluid circulation is key to ensuring that the engine runs smoothly. That's why you need top performance from us – in the development and production of modern water pumps with impressive product characteristics!



Diversity and Quality

We are amongst the leading manufacturers of water pumps for commercial vehicles with a readily available, comprehensive and ever expanding range of more than 90 OE quality premium products.

febi water pumps set themselves apart by their excellent product characteristics. The individual product components are precisely designed and manufactured to perform together. Excellent solutions have been developed particularly for critical components such as the bearing, shaft and gasket, to extend engine life.

Prior to dispatch, all pumps undergo extensive tests including vacuum tests and durability tests. What this means for you: Top quality and durable, reliable water pumps.



Bearing and shaft:

How effectively individual product parts work together is crucial to the product's overall quality: febi water pumps operate smoothly due to the precise, word-class level manufacturing of individual components.



Gasket:

One of the main causes of failure with conventional water pumps.

Not with febi: Entry and leaking of coolant fluid into the bearing is reliably prevented.

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- ✓ **Solutions
Made in Germany**
 - ✓ **Tested quality**
 - ✓ **Continuously
growing range**
 - ✓ **Quick delivery times**
 - ✓ **Professional
support**



febi makes a difference

febi water pumps offer clear quality advantages – as demonstrated, for example, by customer satisfaction. Our components for commercial vehicle cooling systems have been developed to strict quality standards and are subject to numerous tests prior to dispatch. You can rely on:

- **The highest quality standards and compliance to DIN norm EN 9001:2000**
- **The highest level of precision in development and production**
- **Vaccum testing of all water pumps to prevent leakage**
- **Long-term load tests and continuous quality control**
- **Protection of other engine components due to smooth operation**
- **Quick delivery times, comprehensive range and professional support**

Water pumps



Causes of Failure and Solutions

Failure symptoms	Probable causes	Solutions
Noise of cavitation at intake bearing	<ul style="list-style-type: none"> High loading of intake on the gasket surface 	<ul style="list-style-type: none"> Observe for 1 - 3 operating hours
Constant heating from bearing bearing	<ul style="list-style-type: none"> Improper cooling system Operating on dirty water 	<ul style="list-style-type: none"> Clean the cooling system
Bearing heating	<ul style="list-style-type: none"> Incorrect fitting Damage to bearing 	<ul style="list-style-type: none"> Replace water pump
Excess cooling component	<ul style="list-style-type: none"> Incorrect fitting 	<ul style="list-style-type: none"> Fit seal
Sealant contamination	<ul style="list-style-type: none"> Incorrect cleaning of the cooling system 	<ul style="list-style-type: none"> Proper cleaning / lubrication system type
Unusual leaks profile	<ul style="list-style-type: none"> Fitting tool not designed 	<ul style="list-style-type: none"> Change auxiliary seal and set correctly
Water leaking from hose connector / housing gasket	<ul style="list-style-type: none"> Sealing component incorrectly fitting Water has been filled incorrectly 	<ul style="list-style-type: none"> Use sealing component according to the specified part drawing Use specified air/water flow rate
Fitting connection on injector	<ul style="list-style-type: none"> High internal connection in better / coolant 	<ul style="list-style-type: none"> Use cooling system Use recommended coolant
Overheat in the entire cooling system	<ul style="list-style-type: none"> Highly colored head gasket Use of coolant for insufficient size Incorrect maintenance 	<ul style="list-style-type: none"> Replace entire head gasket Clean cooling system
Faulty gasket	<ul style="list-style-type: none"> Contamination of cooling system Use of inappropriate fluids, causing wrong properties of coolant The water pressure is too high Leaking system Faulty rubber head gasket Blow 	<ul style="list-style-type: none"> Replace water pump
Faulty water pump bearing	<ul style="list-style-type: none"> Wrong installation caused by faulty fan coupling Improper fan balance Sealing component incorrectly applied Blow 	<ul style="list-style-type: none"> Replace water pump

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Smooth service

We want you to be impressed by our products! Therefore the correct installation is just as important as the accurate production of the water pump. If you have any questions regarding correct installation – we are ready to help. All important information regarding our comprehensive truck water pump range, installation and maintenance is available in a user-friendly format from our website:

www.febi.com/truck-water-pumps

Quick support at a glance

Possible faults or damage can have a number of causes. Production quality, however, is rarely at fault. Our “water pumps service poster” shows possible symptoms and reasons for faults at a glance – it also helps you to carry out repairs and maintenance.

The free poster can be downloaded:

www.febi.com/truck-water-pumps

**The new catalogue
is now available!**

You can order the new catalogue
with all current pumps, thermostats
and a wide range of repair kits!

febi no. 90220

febi UK Limited

Bilstein House, Green Lane Industrial Park
Featherstone | Pontefract
West Yorkshire WF7 6TA | Great Britain
Tel. +44-1977-699777
Fax +44-1977-707222
E-mail sales@febiuk.co.uk

