

Mechanical diesel injection components for large engines

A robust and durable solution



Powertrain systems and electrified mobility

A well-coordinated team under high pressure

up to

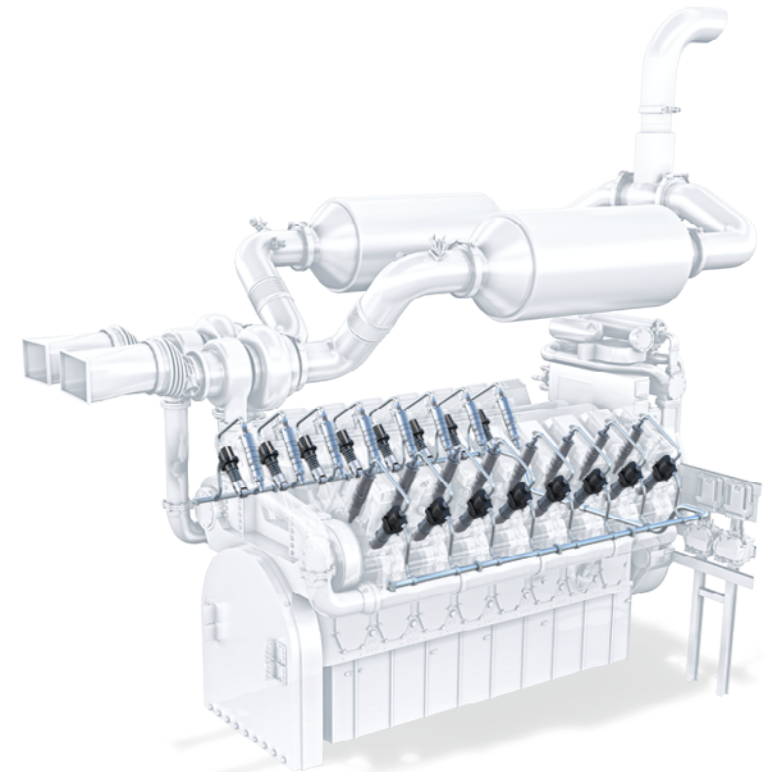
1,800 bar

of injection pressure for efficient combustion

up to

20,000 h

of reliable operation due to robust design



- ▶ The single-cylinder pump system ensures excellent mixture preparation and combustion of fuel with specific high performance.
- ▶ This can support compliance with emission guidelines and a reduction in fuel consumption.
- ▶ Each engine cylinder is equipped with a PF pump fitted with a pump element that can be used to regulate the injection quantity via a control edge.
- ▶ The nozzle holder assembly is selected to match the delivery rate, spray form and injection pressure.
- ▶ Due to robust design, the single-cylinder pump system can be operated with a large selection of fuel types.