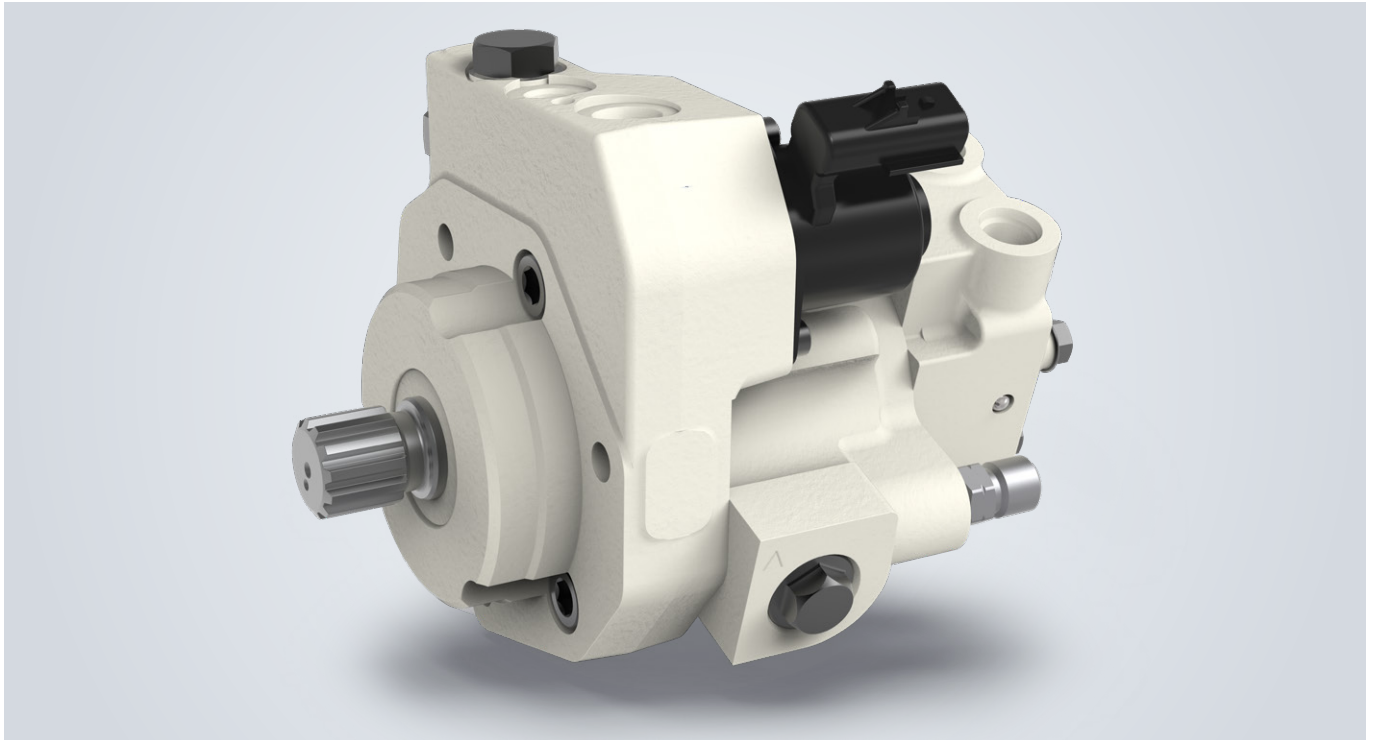


Short description

Common Rail High Pressure Pump LP9.2



The LP9.2 high-pressure pump with a flow rate of 220 l/h is suitable for medium- and heavy-duty engines with a total displacement up to 13 l maximum. Due to the fuel-lubricated drive concept, the LP9.2 can be integrated without additional connection to the engine lubrication system. The lightweight and compact design with a weight of approximately 7 kg makes it easy to use in a wide variety of engine applications. Variants with different directions of rotation and variable connection orientation as well as flange geometry are available.

Features

- Fuel-lubricated
- Eccentric drive
- Lightweight and compact pump design
- Customised engine interfaces
- Gear type feed pump
- Euro VI, US 10, EU Stage V, US EPA Tier 4f compatible
- Extremely robust against aggressive fuels (compatible with EN590, Jet A1 fuels, B10 S10 / B30, SS 155435, ASTM, BS 2863, GB 19147, NATO F, MGO)

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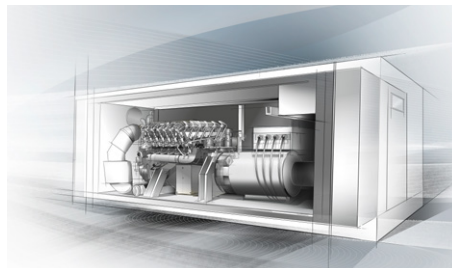
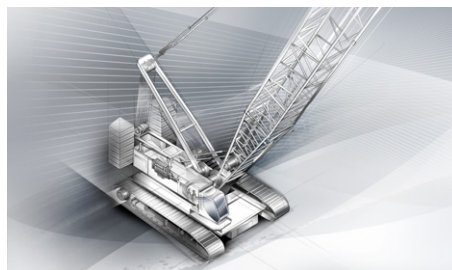
Technical Data

Common Rail High Pressure Pump LP9.2

Technical Information

System pressure	Up to 2,200 bar
Max. flow rate	220 l/h
Rated pump speed	3,750 rpm @ 2,200 bar
Max. speed	Up to 5,000 rpm
Drive concept	Eccentric roller
No. of plungers	2
Lubrication	Fuel
Weight	~ 7 kg
Service life on-highway	1.5 million km
Service life off-highway	15,000 hours
VCV	Volume control valve currentless open
Feed pump	Gear type
Ambient conditions	-40 °C to 125 °C
Vibration specification	VDI 3838 / ISO 10816-6
Fuel specification	Purity class 12 / 9 / 6 (ISO 4406)
Filtration specification	Min. 98,7% efficiency @ 4 µm (ISO 19438) – along service life

Applications: Agriculture / Forestry, Building Construction / Civil Engineering, Power Generation



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