

PHP 2XX

Racing GDI pump
190 L/h @ 20 MPa

Description

A compact single piston, cam driven fuel pump equipped with an electronic regulating valve which allows flow rate and pressure control.

Main Features

- Fuel pressure up to 20 MPa
- Flow control with electromagnetic actuator on inlet valve
- Plunger seal (7 mm³ / min)
- Two fixation points
- Plunger diameter ϕ 10 mm
- Up to four lobes driving cam
- Up to 14000 piston stroke per minute
- Peak & Hold or On/Off driver for flow control



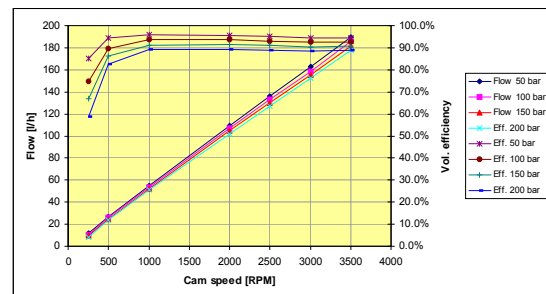
Benefits

- Volumetric efficiency about 90%
- Suitable for flex fuel applications (Ethanol)
- World wide fuel compatible (full stainless steel)
- Integrated relief valve, pressure balanced
- Outlet check valve
- Integrated variable feed pressure damper
- Compact dimensions and lightweight

Typical Applications

In circuit and rallies application

Typical Performance



Test conditions:

- Fluid: Exxsol D40
- Fluid temperature: 23 °C
- Feed pressure: 5 bar
- Ambient temperature: 23 °C

Pump configuration:

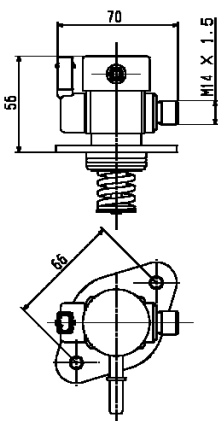
- N° lobes: 3
- Stroke: 5mm

PUMPS

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Dimensions



Dimensions in millimetres

Technical Characteristics

Inlet valve characteristics:

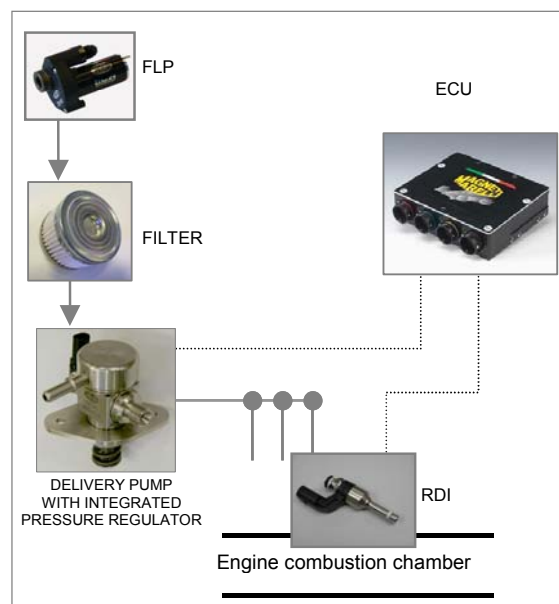
Supply Voltage 12 V
Resistance 1.2 Ω
Inductance 1.55 mH
Electrical Connector MLK (optional Kompact, USCAR, Sumitomo, etc.)

Flow rate

@ 20 MPa 190 L/h

Weight (Approx.) 600 g

Application Schematics



For further information, please contact:



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November 2009
rel. 03
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