

## MGP01

Electrical fuel pump  
110 L/h @ 1 MPa

### Description

A compact gear fuel pump coupled with a rugged dc motor allows reliable operation with limited current absorption.

The installation must be done inside the fuel tank.

### Main Features

- Suitable to be PWM controlled

### Benefits

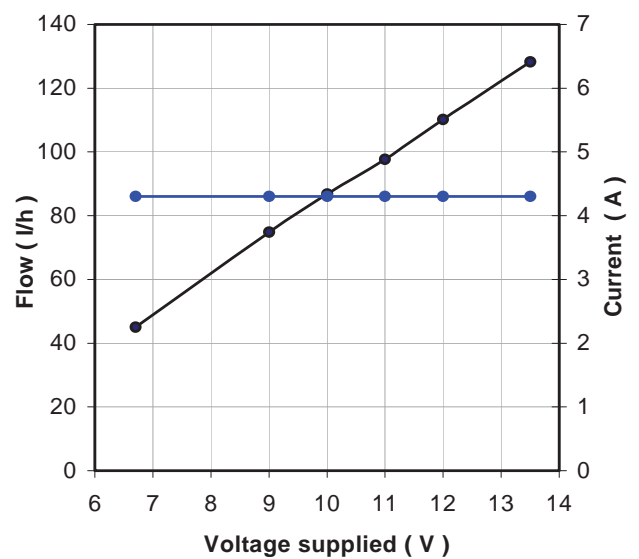
- Low weight
- Total efficiency about 60%

### Typical Applications

MotoGP



### Typical Performance at 1 MPa

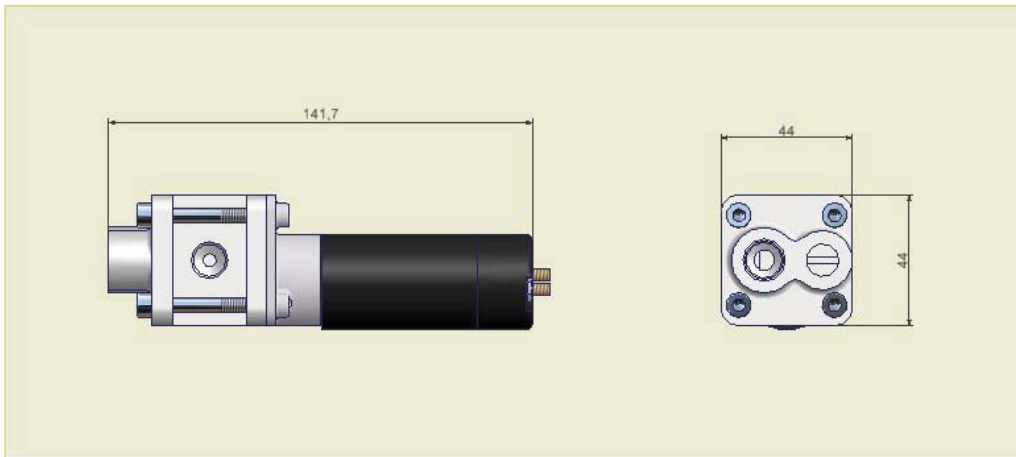


# PUMPS

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110 L/h @ 1 MPa

### Dimensions



Dimensions in millimetres

### Technical Characteristics

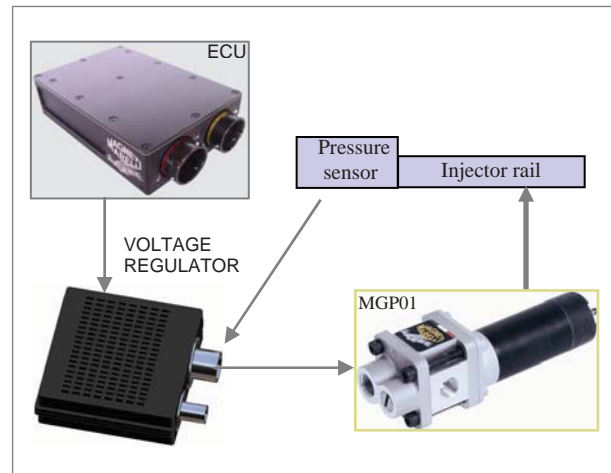
Supply Voltage.....	13.5 V
Flow rate	
@ 1 MPa .....	110 L/h
@ 0.5 MPa .....	118 L/h
Consumption	
@ 1 MPa .....	4.3 A
@ 0.5 MPa .....	2.7 A
Weight.....	526 g

### Other Information

Joined with the MVRM 01 motorcycle voltage regulator the pump can be PWM controlled in order to achieve the fuel flow requirement. Reducing the duty cycle the electrical power consumption and the heat release to fuel can be reduced.

A closed loop control on the fuel pressure can be performed with the MVRM 01 voltage regulator as well.

### Application Schematics



For further information, please contact:



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