

Fuel Pump FP 100

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BOSCH
Invented for life


- ▶ >100 l/h
- ▶ 725 g
- ▶ Max. 5 bar
- ▶ Fuel line screwed

The FP 100 is an inline roller cell pump for the installation outside the fuel tank.

It is capable of providing 100 l/h at 5 bar. Bio-fuel can be delivered up to E85 (shortens lifetime).

The main benefit of the FP 100 over a production type pump is the high delivery rate.

Application

Fuel pressure	5 bar
Delivery rate at 5 bar and 22°C	118 ± 3 l/h at 14 V
Pressure limiting valve	7 to 12.5 bar rel.
Fuel compatibility	Up to E85 with shorter lifetime
Diesel compatibility	Not released
Operating temperature range	-20 to 90°C
Storage temperature range	-40 to 70°C
Max. vibration	3 mm at 10 to 18 Hz ≤40 m/s ² at 18 to 60 Hz

Technical Specifications

Mechanical Data

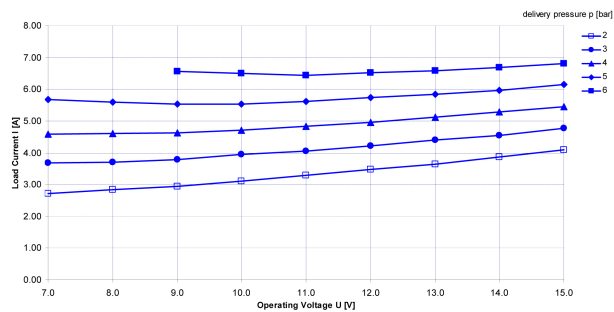
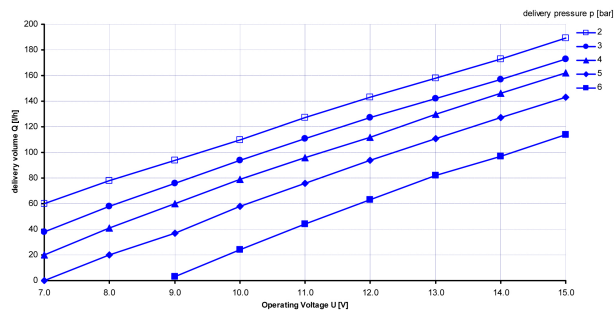
Diameter	54 mm
Length	185 mm
Weight	725 g
Mounting	Clamping

Electrical Data

Supply voltage	6 to 16.5 V
Operating voltage	13.8 V
Load current at 5 bar and 22°C	6.0 ± 0.5 A

Characteristic

Surface coating	None
Color	Silver
Non-return valve	External
Fuel filtering	External, on pressure side



Connectors and Wires

Electrical connector	+M4/-M5
Electrical matting connector	With ring wire M4 and M5
Mechanical connector intake side	M16x1.5
Mechanical connector pressure side	M12x1.5

Installation Notes

With E26/E85 fuel run-time max. 500 h.

For technical reasons the values may vary.

Please use within the specified limit values only.

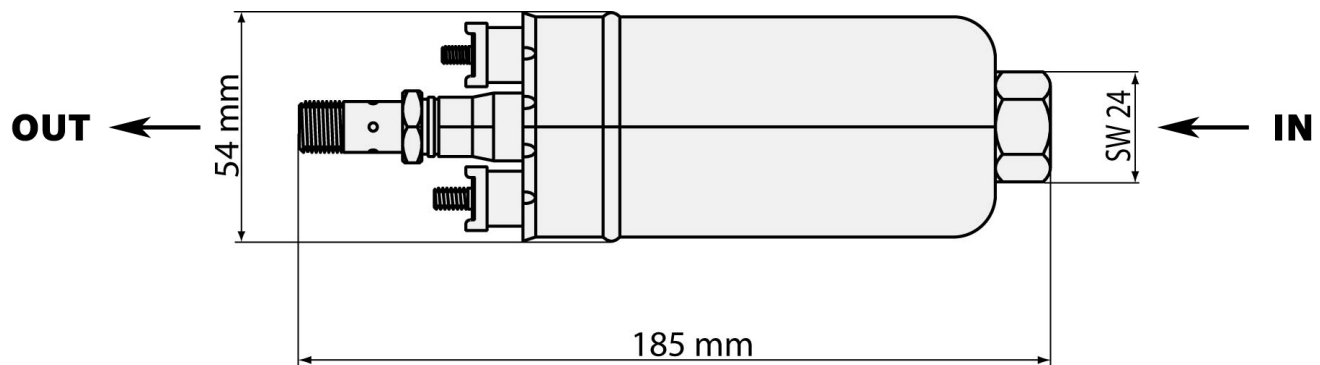
Please find further application hints in the offer drawing at our home-page.

Ordering Information

Fuel Pump FP 100

Order number **Y 580 701 456-03**

Dimensions



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