

Fuel Pump FP 300L

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Invented for life



- ▶ >300 l/h
- ▶ 670 g
- ▶ Max. 8 bar
- ▶ Fuel lines screwed

The FP 300L represents the next generation of low-pressure inline fuel pumps. The internals of the pump are designed specifically for motorsport applications. Higher fuel delivery from modified rotor design, as well as an improved power-to-weight ratio are two of the advantages of this pump.

The pump can be used for gasoline, Diesel and Bio-fuels. The FP 300L has further weight reduction measures.

Application

Fuel pressure	8 bar
Delivery rate at 8 bar and 22°C	340 ± 5 l/h at 14 V
Pressure limiting valve	8.5 bar rel.
Fuel compatibility	Gasoline E85/M100 Diesel
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

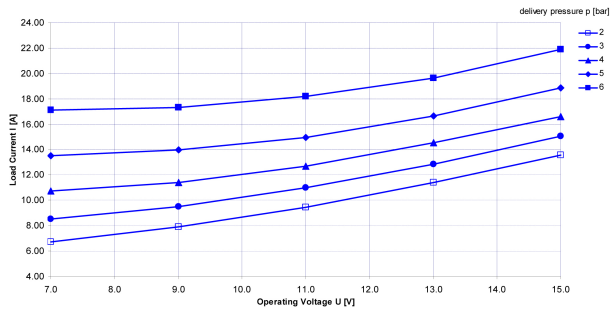
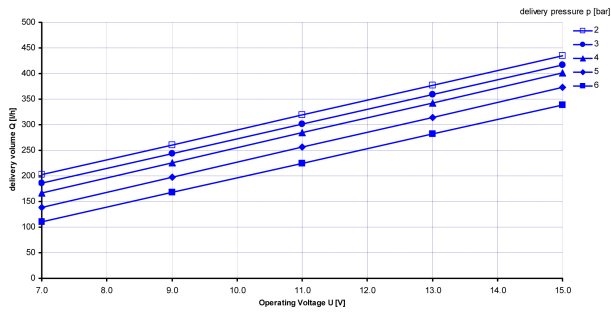
Diameter	50 mm
Length	174 mm
Weight	670 g
Mounting	Clamping

Electrical Data

Supply voltage	6 to 16.5 V
Operating voltage	13.8 V
Load current at 5 bar and 22°C	17.3 ± 1 A

Characteristic

Surface coating	Anodized
Color	Red
Non-return valve	Internal
Fuel filtering	Internal



Connectors and Wires

Electrical connector	+M6/-M5
Electrical matting connector	with ring wire M6 and M5
Mech. connector intake side	M18x1.5
Mech. connector pressure side	M12x1.5

Installation Notes

Integrated pre-filter allows cleaning of filter by user.

With E26/E85 or M100 fuel run-time max. 500 h.

For technical reasons the values may vary.

Please use within the specified limit values only.

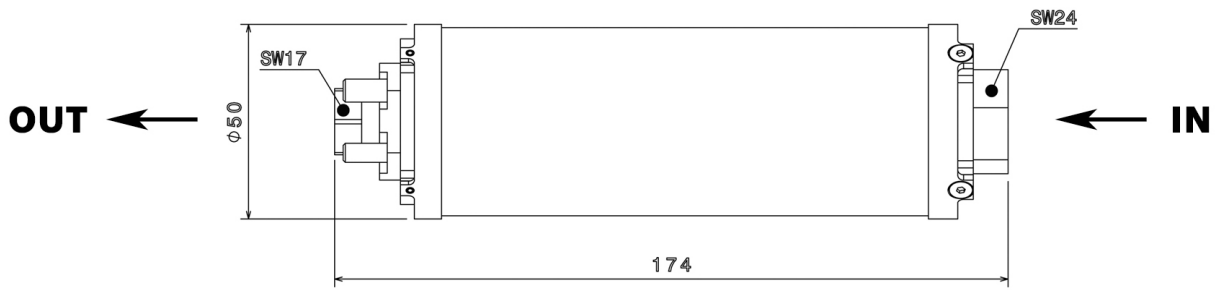
Please flush the pump with gasoline after use with methanol fuel.

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

Ordering Information

Fuel Pump FP 300L
Order number **F 02U V00 636-01**

Dimensions



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