

Fuel Pump FP 165-E



- ▶ >165 l/h
- ▶ Max. 6 bar
- ▶ 700 g
- ▶ Fuel lines screwed
- ▶ Internal pre-filter on suction side with 300 µm

The FP 165-E is an inline roller cell pump for the installation outside the fuel tank (installation in tank not proven).

It is capable of providing <165 l/h at 6 bar. Bio-fuel and Diesel can be delivered up to E100 (shortens lifetime!).

The FP 165-E is a production type fuel pump, combining good quality at a low price.

Application

Fuel pressure	0.5 up to 6 bar
Delivery rate at 5 bar and 22°C	190 l/h at 4.3 bar
Pressure limiting valve	8 to 10.0 bar rel.
Fuel compatibility	Up to E100 with shorter lifetime
Diesel compatibility	Given
Operating temperature range	-40 to 80°C ≤90°C for ≤5 h over 1.000 h lifetime ≤105°C for ≤1 h over 50 h lifetime
Storage temperature range	-40 to 60°C
Max. vibration IEC 60068-2-34	10 Hz 19,4 (m/s ²)/Hz 300 Hz 0,654 (m/s ²)/Hz 1.000 Hz 0,059 (m/s ²)/Hz

Technical Specifications

Mechanical Data

Diameter	60 mm
Length	162.6 mm
Weight	700 g

Mounting

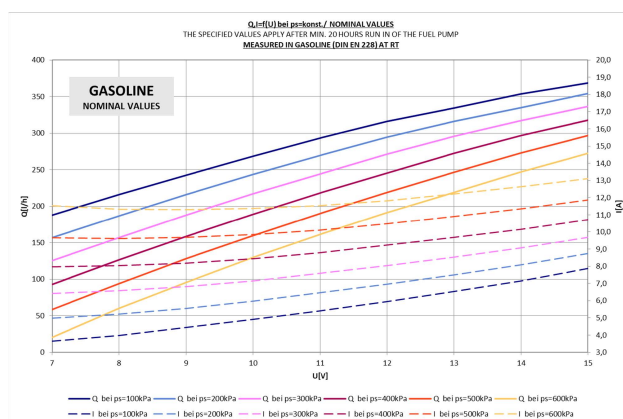
Clamping

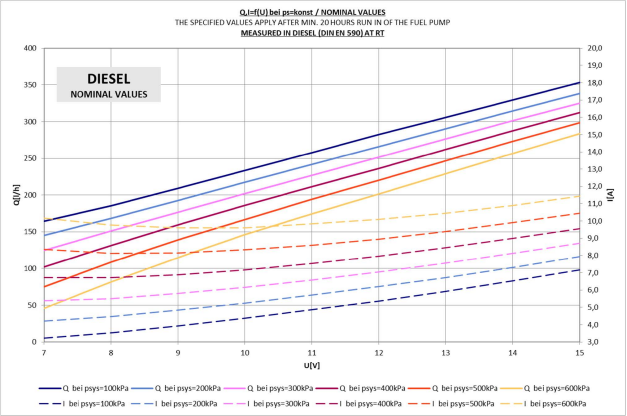
Electrical Data

Supply voltage	6 to 15 V
Operating voltage	13 V (26 V for 60 s)
Load current at 5 bar and 22°C	<14 A

Characteristic

Color	Silver
Non-return valve	Internal
Overpressure valve	Internal





Connectors and Wires

Electrical connector	+M4/-M5
Electrical mating connector	with ring wire M4 and M5

Mechanical connector intake side	M14x1.5
Mechanical connector pressure side	M12x1.5

Installation Notes

Up to E100 with shorter lifetime
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 homepage.

Ordering Information

Fuel Pump FP 165-E
Order number **F.02U.V03.137-01**

Dimensions

