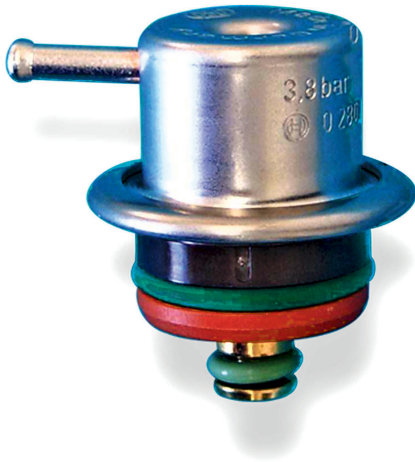


# Fuel Pressure Regulator Mini 38

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**BOSCH**  
Invented for life



- ▶ 3.8 bar
- ▶ 15 to 220 l/h reflow
- ▶ Adjusted at 105 l/h
- ▶ Sheet steel housing

Fuel pressure regulators are used to maintain constant fuel pressure at the injection valves. This production type fuel pressure regulator is designed for the integration into the full rail. The main benefits of this regulator include the competitively priced high quality and a high return flow rate.

## Application

Pressure range	3.8 bar
Reflow quantity	15 to 220 l/h
Reference pressure connector	Diam. 5 mm, tube connector
Fuel compatibility	Gasoline, E10
Operating temperature	-40 to 120°C
Storage temperature	-40 to 100°C
Max. vibration	<600 m/s <sup>2</sup> at 5 to 250 Hz

## Technical Specifications

### Mechanical Data

Diameter	34.9 mm
Weight	48 g
Mounting	Fastening with a clip

## Characteristic

Set pressure accuracy	±2 % at 105 l/h
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## Connectors and Wires

Connector supply	Diam. 25 mm, O-ring
Connector reflow	Diam. 9.15 mm, O-ring

## Installation Notes

The tube connector at the housing can be used to supply reference pressure to the regulator. This can be atmospheric pressure, air box pressure or manifold pressure.

Never run the regulator without the integrated filter.

Please oil O-rings lightly before you install the regulator.

Please make a leak test after you have installed the regulator.

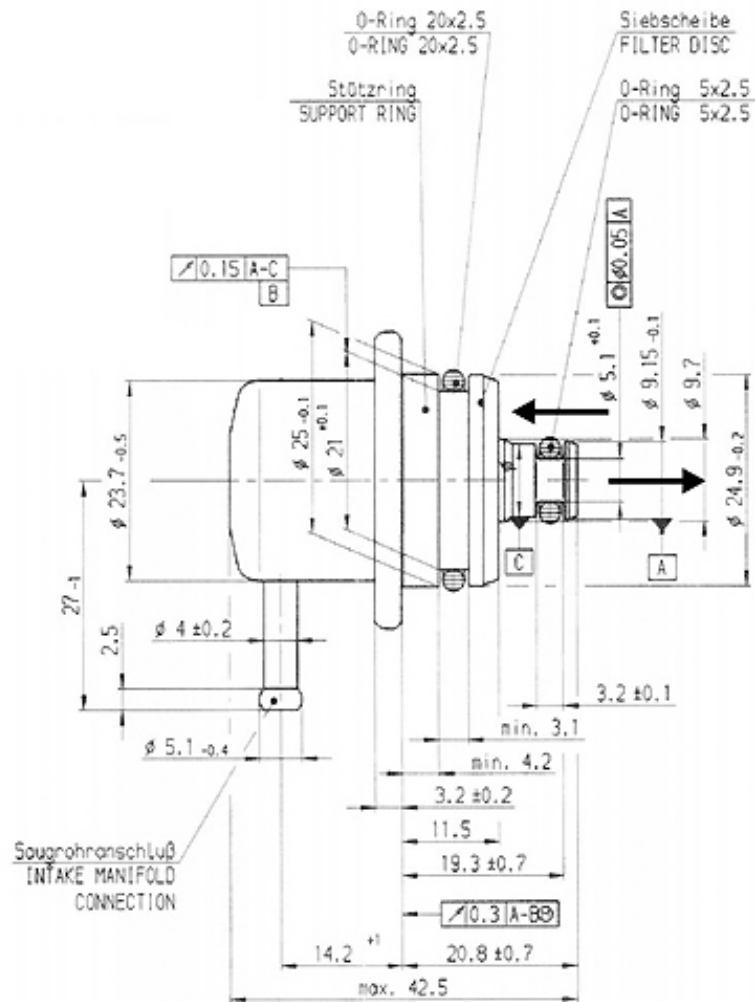
When the pressure regulator is removed and will be reused, the O-rings must be tested for fractures.

Operation with air is not allowed.

## Ordering Information

**Fuel Pressure Regulator Mini 38**  
Order number **0 280 160 616**

Dimensions



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