Fuel Pressure Regulator Mini A

Fuel pressure regulators are used to maintain constant fuel pressure at the injection valves.

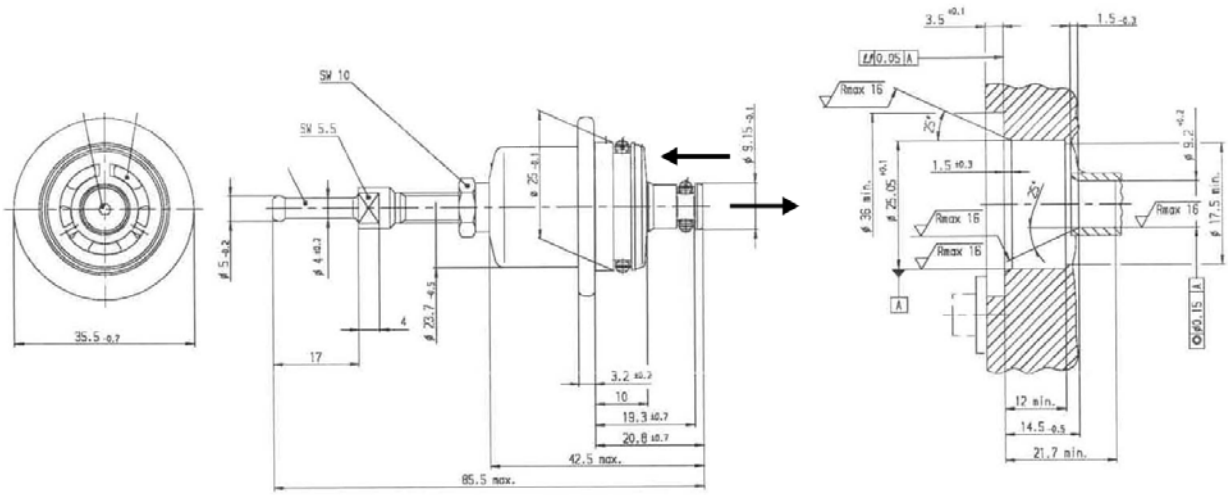
This regulator based on a production type regulator was specially designed for motorsport applications.

The main benefit of this regulator is the adjustability of the fuel pressure.

Application	
Pressure range	[1] 2.2 ... 3.5 bar [2] 3.5 ... 5.0 bar
Reflow quantity	15 ... 220 l/h
Reference pressure connector	diam. 5 mm, tube connector
Operating temperature range	-40 ... 120 °C
Storage temperature range	-40 ... 100 °C
Max. vibration	< 400 m/s² @ 5 ... 250 Hz

Mechanical Data	
Diameter	34.9 mm
Weight	58 g
Mounting	fastening with a clip

Connectors and Wires	
Connector supply	diam. 25 mm, O-ring
Connector reflow	diam. 9.15 mm, O-ring

Application Hint
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 with clean engine oil before the installation of the regulator.
Please perform a leak-test after the installation of the regulator.
When the pressure regulator is removed and reused, the O-rings must be tested for fractures.
Operation with air is not allowed.

Part Number	
Mini A	[1] **B 280 550 340-02**
Mini A	[2] **B 280 550 341-02**