

HP Injection Valve Mini-HDEV 1.2

The Mini HDEV 1.2 can be used in high pressure manifold injection systems.

Its most remarkable features are the small size and weight and the freedom in defining both – spray and jet. Every jet is free definable in terms of position, flow rate and penetration. Moreover, asymmetric sprays are possible.



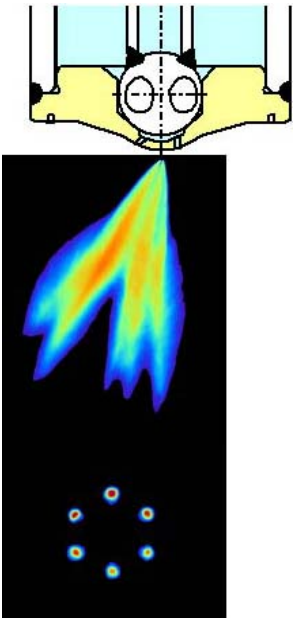

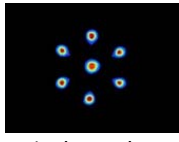
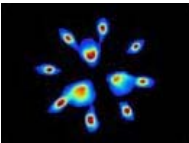
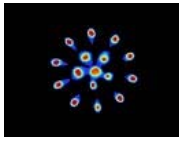

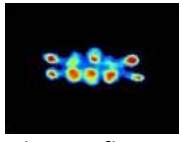
Mechanical data	
System pressure	max. 200 bar
Flow rate	e.g. 1350 g/min at 100 bar
Weight	48 g
Length	51 mm

Electrical data	
Resistance	1,1 Ω
Voltage	14 V
Peak current	13,2 A

Conditions for use	
Fuel input	axial (top-feed)
Operating temperatures	-30 ... 120 °C
Permissible fuel temperatures	< 80 °C

Part number	
Mini-HDEV 1.2	on request

Examples of variations, further variations on request

	 <p>Jets on a circle</p>	 <p>Jets on a circle and a middle jet</p>
	 <p>Jets on two circles</p>	 <p>Jets on two circles and a middle jet</p>
	 <p>Jet configuration regarding the spark plug position</p>	 <p>Flat jet configuration</p>