

ALEX

PROFESSIONAL AUTOGAS INSTALLATIONS

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Barracuda

LPG/CNG Injector



A reinforced version of the well-known Barracuda 120 NI/min gas injectors. The increased efficiency of 130 NI/min is dedicated to demanding, high-power engines with dual and direct fuel injection.

Barracuda 130 NI/min is a fast, modern and efficient premium class LPG/CNG gas injector. The Barracuda is designed and manufactured in such a way as to minimize the risk of contaminants sticking to the surface inside the injector. The construction of the Barracuda uses modern nanocoatings and fluoropolymer coatings with non-stick and anti-freeze functions, which effectively protect the injector elements against the harmful effects of physicochemical factors.

Available in a version for single assembly – with or without an adapter, as well as combined into 2, 3 and 4 – cylinder rails. Removable calibration nozzle enables smooth adjustment of gas flow and injector efficiency (from 20 to 50 HP per cylinder). A single slim injector can be mounted close to a gasoline injector on a hose with a minimum length, which increases the precision of gas injection.

ATTENTION! Barracuda single injectors are sold with separate adapters (connectors) for self-assembly. This does not affect the quality and functionality of the product.

Static flow at 1,0 bar	[NI/min]	130 ± 2
Nozzle diameter	[mm]	max. 3,0
Coil resistance	[Ω]	1,9 ± 5%
Opening time	[ms]	1,9
Closing time	[ms]	1,3
Min. peak current	[A]	≤ 3,5
Min. hold current (PWM=25%)	[A]	≤ 1,5
Operating working pressure	[bar]	0,2 ÷ 4,2
Max. working pressure	[bar]	4,5
Operating temperature	[°C]	-40 ÷ 120
Operating voltage range	[V]	8 ÷ 16
Warranty	[km]	100 000
Life span	[cycles]	> 500 million
Connector		AMP SuperSeal
LFR @ T=20 ms		> 49
WFR @ T=20 ms		> 54



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