

ALEX

PROFESSIONAL AUTOGAS INSTALLATIONS

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Barracuda

LPG/CNG Injector



Barracuda 120 NI/min is a new version of well-known injector, with increased efficiency, dosing precision and work linearity. The new line replaced the original 115 NI/min injector version.

Barracuda 120 NI/min injectors are available in a version for single assembly - with or without an adapter (a connector for self-assembly), and combined into 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**.

Barracuda is designed to minimize the risk of sticking the gas impurities to the inside surface of the injector. **Barracuda structure takes advantage of modern nano-coatings and fluoropolymer coatings with non-stick and anti-freeze functions**, which effectively protect the injector elements against the harmful effects of physicochemical factors.

Static flow at 1,0 bar	[NI/min]	120 ± 2
Nozzle diameter	[mm]	max. 3,0
Coil resistance	[Ω]	1,9 ± 5%
Opening time	[ms]	1,8
Closing time	[ms]	1,2
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		> 48
WFR @ T=20 ms		> 55



ALEX Sp. z o.o.
16-001 Kleosin
ul. Zambrowska 4a
POLSKA / POLAND

tel/fax: +48 85 664 84 40
e-mail: biuro@autogas-alex.com
www: www.autogas-alex.com
www.alexlpg.com