AG CENTRUM

With over 20 years of experience in autogas industry, customers. Therefore, our offer incorporates a complete manufacturers required for LPG and CNG systems. The choice of Zenit controllers and other components we offer is a guarantee of quality, confirmed by many years

The full list of products offered by AG Centrum is available at:







Zenit is a brand which has gained trust among users in over 50 countries around the world. It was the only brand thoroughly tested by experts in the field of optimal performance parameters and longevity of the engine. Our quality standards are confirmed by ISO 9001: 2015 certificate and approval certificate issued by

Join us! Become our distributor!



HERCULES



AG Centrum

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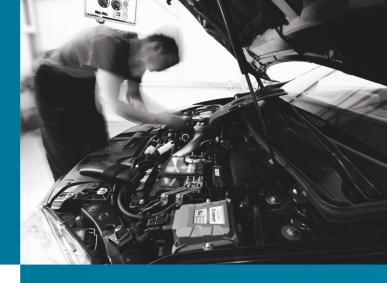
GISM-I3100/3110 injector efficiency for the selected nozzle diameter:

NOZZLE 1,9 MM	up to 20 HP per cylinder
NOZZLE 2,1 MM	from 17 up to 27 HP per cylinder
NOZZLE 2,4 MM	from 24 up to 36 HP per cylinder
WITHOUT NOZZLE	from 35 up to 50 HP per cylinder
In some cases selection of	nozzles may be different from

the values specified in the table.

GISM- I3000/3010 injector efficiency: from 50HP to 60 HP per cylinder.

*(P=1 bar, Uzas=12 V)



HERCULES

Hercules is the injector featuring a modern design and ensuring rapid response to an electrical signal, an accurate gas injection dosage, linear flow characteristics, very high efficiency and self-cleaning of contamination provided that it has been properly installed.



AVAILABLE VERSIONS

Injectors - hose versions:

- Hercules GISM-I3110
- Hercules BF GISM-I3010

Injectors - rail versions:

- Hercules GISM-I3100
- Hercules BF GISM-I300



Teflon coated pistons and a unique design of the piston chamber ensuring high durability, excellent reliability, resistance to dirt and rough working conditions.

Available individually and in 2, 3 and 4 cylinder versions.

Recommended use of Twister filter.

TECHNICAL SPECIFICATION

FUEL TYPE	LGP/CNG
COIL RESISTANCE	1,7 Ω
MINIMUM OPENING TIME	2 ms
CLOSING TIME	0,8 ms
MAXIMUM EXPENDITURE	150 l/min
PERMISSIBLE OPERATING PRESS	O,2-4,2 bar
MAXIMUM OPERATING PRESSUR	!E 4,5 bar
SUPPLY VOLTAGE	DC 6V-18V
OPERATING TEMPERATURE	-40 to +120°C
CONNECTOR	AMP 282104-1 (Valtek type)
CURRENT CONTROL	Peak&Hold
HOUSING	stainless steel
APPROVALS	67R-01, 110R-00

COMPARISON OF HERCULES

MINIMUM OPENING TIME/ CLOSING TIME [ms]

HERCULES GISM	BARRACUDA	YETI	AC W02/03
2,0/0,8	~1,9/1,2	2,0/1,2	2,0/1,0

MAXIMUM EXPENDITURE [I/min]

HERCULES GISM	BARRACUDA	YETI	AC W02/03
150	130	140	135

COIL RESISTANCE $[\Omega]$

HERCULES GISM	BARRACUDA	YETI	AC W02/03
1,7	1,9	1,9	1,9