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Technical Data Sheet

IG6 Taurus II 12V LP 2 Ohm

Characteristic	Unit	Value	Note
Injector version	n° of cylinders	3, 4, 5 or 6	
Material body and treatment		Aluminium black anodized	
Relative pressure	Bar (Psi)	From 1 to 5 (14 to 72)	Working pressure
		6 (87)	Max pressure
Rated voltage (at coil)	Volt	10,8 - 14,4	
Minimum copper wire section for coil connection	mm^2	0,75	
Coil type	by encoding	E2 - Grey cap	
Resistance	Ω	2	± 5% at T= 25°
Suggested peak current time (duration)	ms	4,5	
Suggested peak current value	A	6	at 12V 12Hz
Suggested holding current (±10%)	A	1,7	
Cold Starting Requirements		Increase up to 20% the "peak current time" for first cycles when gas temperature is < 10°C	
Complete OPENING response time	ms	2,4	± 5% tested with unrestricted outlet at 14V Dp=5 bar T= 25°C
Complete CLOSING response time	ms	1,1	
Minimum injection pulse	ms	2,6	
Stroke	Micron	500	1A current
Seat Diameter	mm	3	
Static flow rate (with max nozzle Φ) for 1 single injector at 20°C (with air)	SLPM (sL/min)	320	at 5 bar inlet pressure
Calculated max flow rate(with max nozzle Φ) for 1 single injector CNG at 20°C (G20 CNG fluid)	gr/sec	5	at 5 bar inlet pressure
	Kg/sec	18	at 5 bar inlet pressure
Calculated max flow rate(with max nozzle Φ) for 1 single injector LPG at 20°C	gr/sec		
	Kg/sec		
Leakage (tested with air)	cc/h	≤ 15	
Noise level	dB		
Compatibility with gas		LPG, CNG	
Driver Stage		Peak and Hold (PWM)	
Coil Connector type		2 way Amp/Delphi super seal fermale connector with tab contacts	About connecting wire, refer to our drawing, code 114.01.AMP.001
Inlet gas fitting for rubber hose	mm	Ø10 mm / Ø12 mm / Ø14 mm / Ø16 mm	
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Calibrated hole Ø range (for nozzles)	Ø		
Approvals			
Operating ambient temperature range	°C	-20°C / +120°C	
Principle of operation		Solenoid valve - Normally closed - Mobile plunger	
Power handling capability LPG			
Power handling capability CNG	HP/Cyl	5 bar up to 90 HP/cyl	
Coil IP Rating		IP67	

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