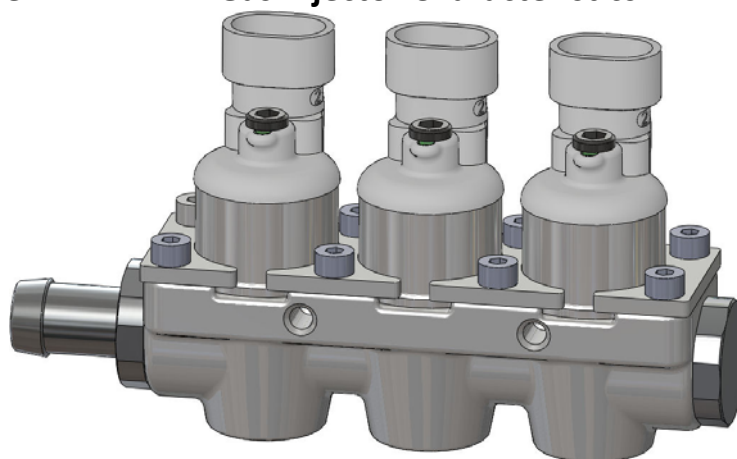


Temporary – The manufacturer reserves the right to modify the device without prior notification

IG7 “Low Pressure”

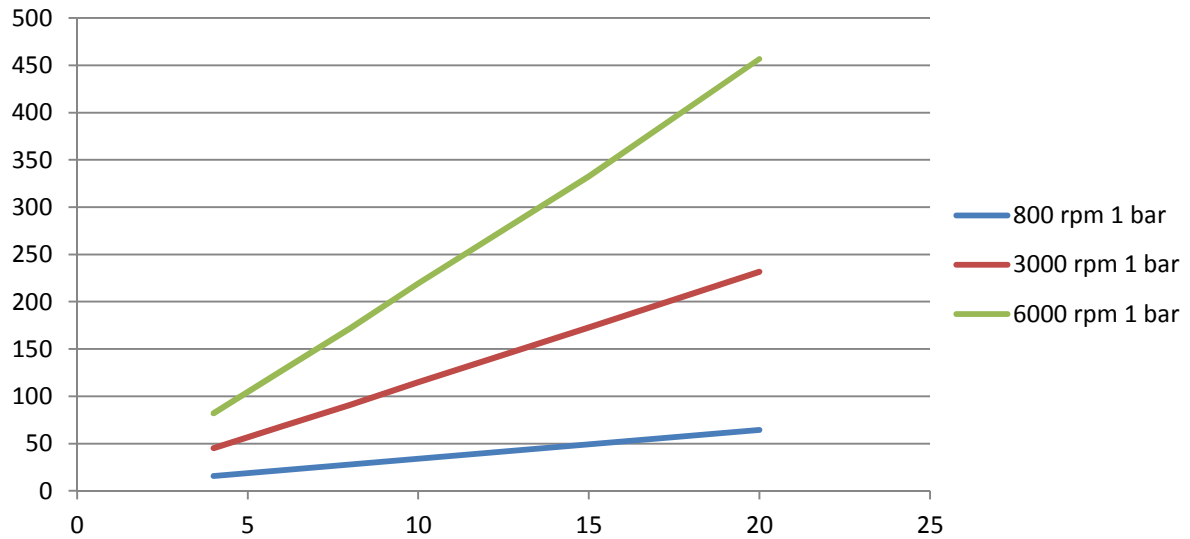
Gas Injector Characteristics



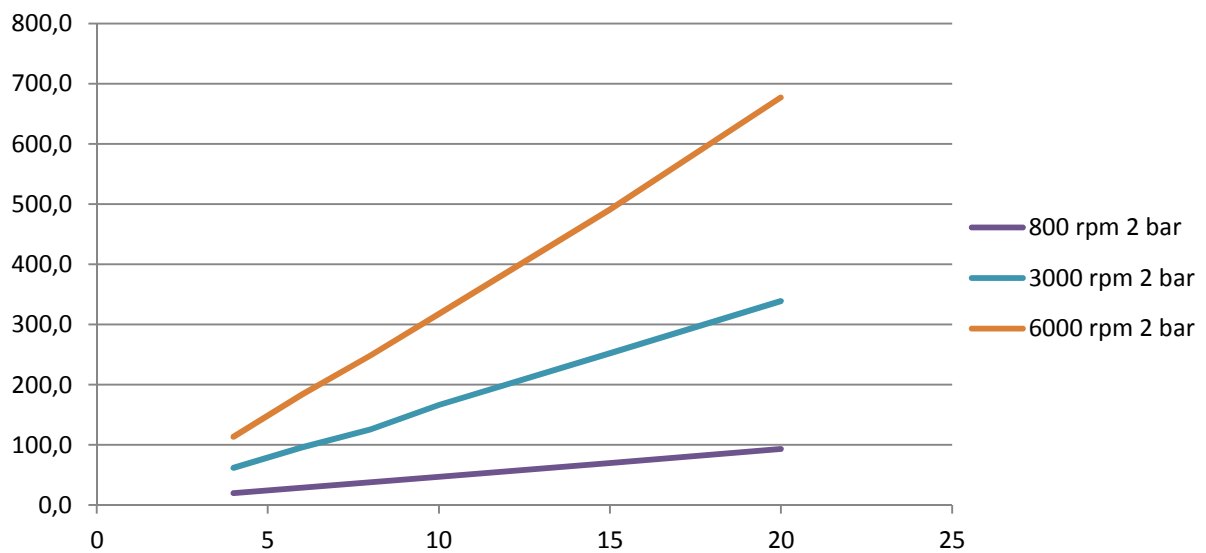
Characteristics	Unit	Value		Remarks
Version	N° of cylinders	2		For 4 cylinders engine 2+2 configuration
		3		For 6 cylinders engine 3+3 configuration
Pressure	Bar	3 max		Working pressure
		4,5		Max pressure
Nominal voltage	Volt	12	24	
Resistance	Ohm	2	6	± 15% @ T=25°C
Injector wt.	Gr.	246 (for 2 cyl.) 336 (for 3 cyl.)		
Principle of operation	Solenoid valve – Normally closed – Mobile Plunger			
Body, seat, nozzle material	Body = Aluminum, neutral anodized Seat = brass Nozzle = brass			
Static flow rate	sL/min	120,0 @ 1bar inlet P 180,0 @ 2bar inlet P 240,0 @ 3bar inlet P		Max flow for 1 single injector
Dynamic flow rate	sL/min	See flow test file		Flow of 4 cylinders injector
Opening/ Closing Response Time	ms	1,85	1,40	± 5% @ 1 bar – T=25°C For 2 ohm coil @ 14V
Leakage	cc/h	=< 15		(according to ECE 110R-00 and ECE 67R-01)
Noise Level	dba	67		Rail Test Condition ± 1dB
Operating Temp Range	°C	-20 / +120		
Compatibility with gas	LPG/CNG			

Driver Stage	Peak and Hold (PWM)		
Connector type	2 way Amp/Delphi super seal		
Water Resistance Capability	IP 54		
Fitting system	By vibration-damping		
Inlet gas fitting	Rubber Ø 10 mm / Ø 12 mm		
Outlet gas fitting	Calibrated nozzles M8x1 for rubber hose Ø 6 mm		
Calibrated hole range (for nozzles)	1,00 - 3,50 mm		
Approvals	67R-01 110R-00 ISO 15500	-40° / +120° approvals	<i>To be approved</i>

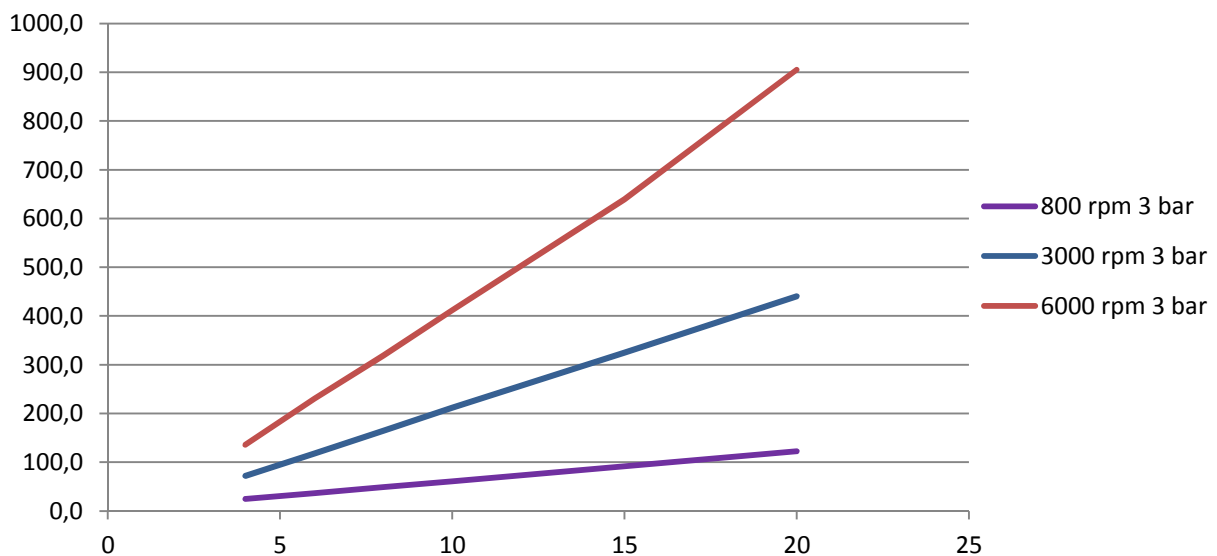
IG7 2 Ohm 3,5 mm 1 bar



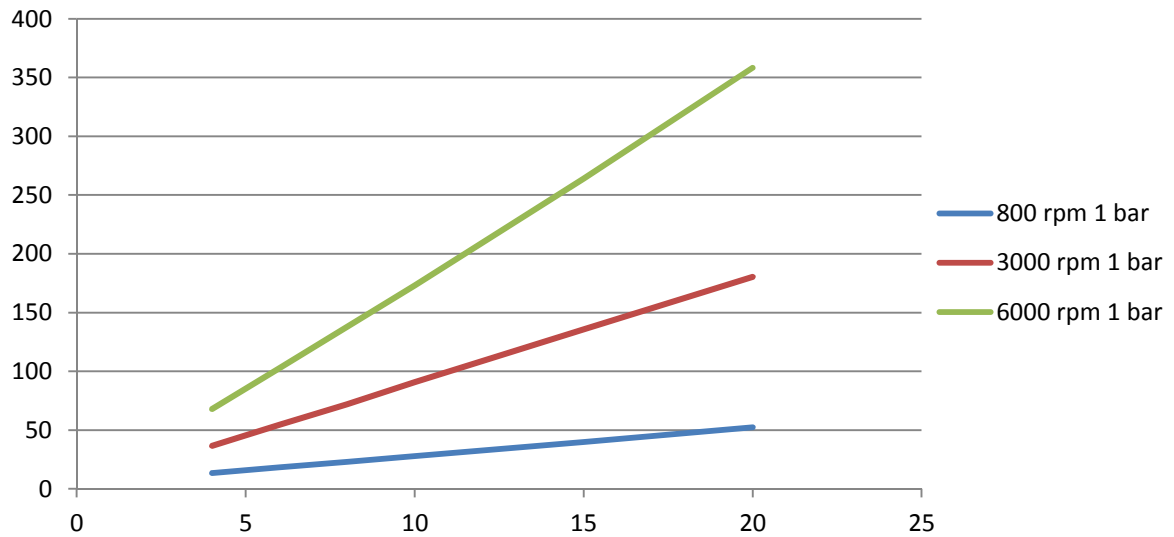
IG7 2 Ohm 3,5 mm 2 bar



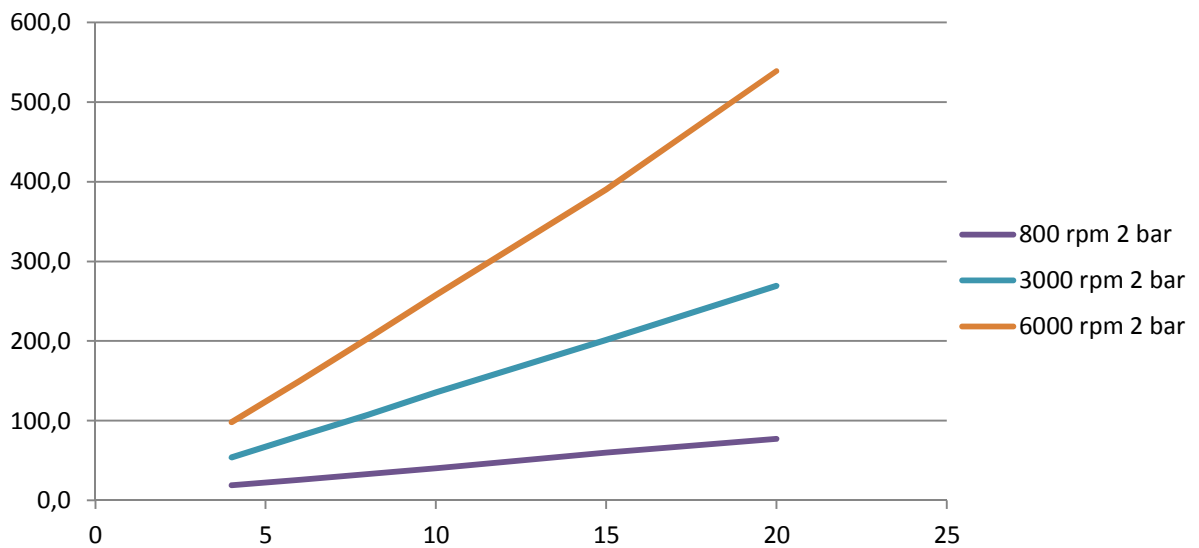
IG7 2 Ohm 3,5 mm 3 bar



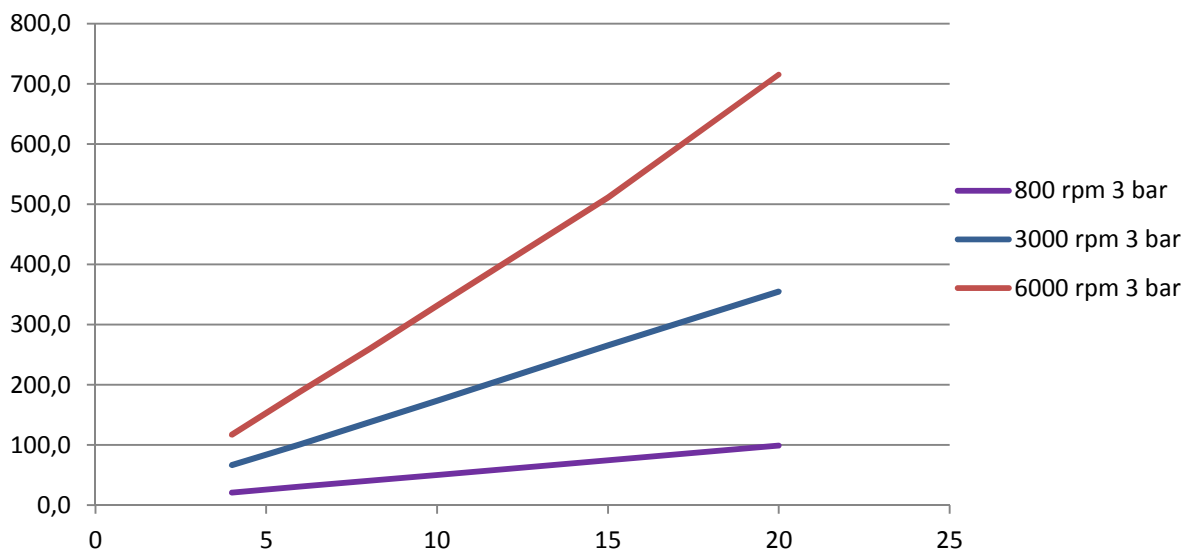
IG7 2 Ohm 2,5 mm 1 bar



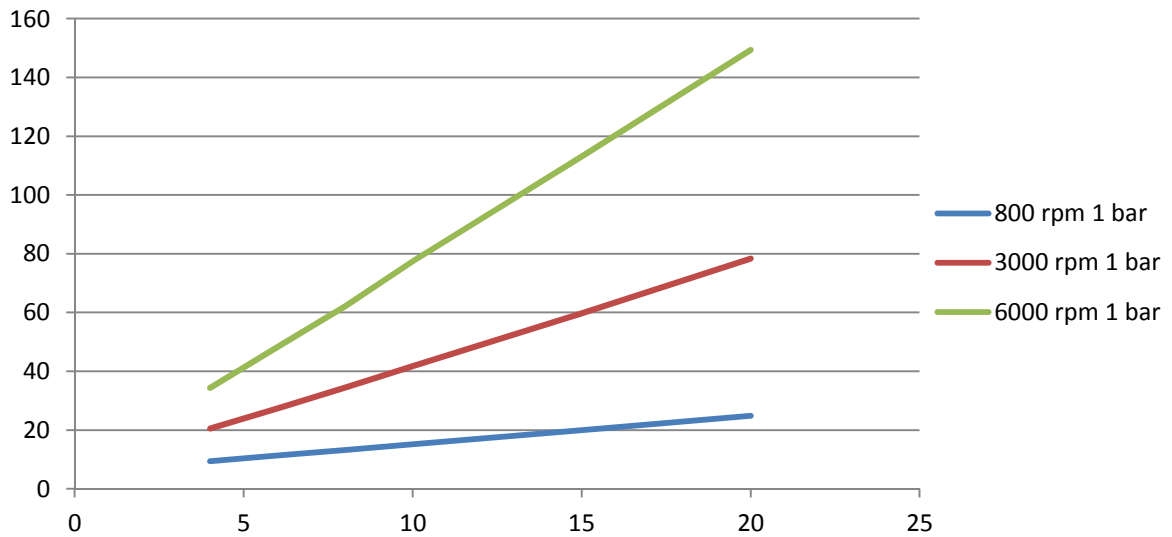
IG7 2 Ohm 2,5 mm 2 bar



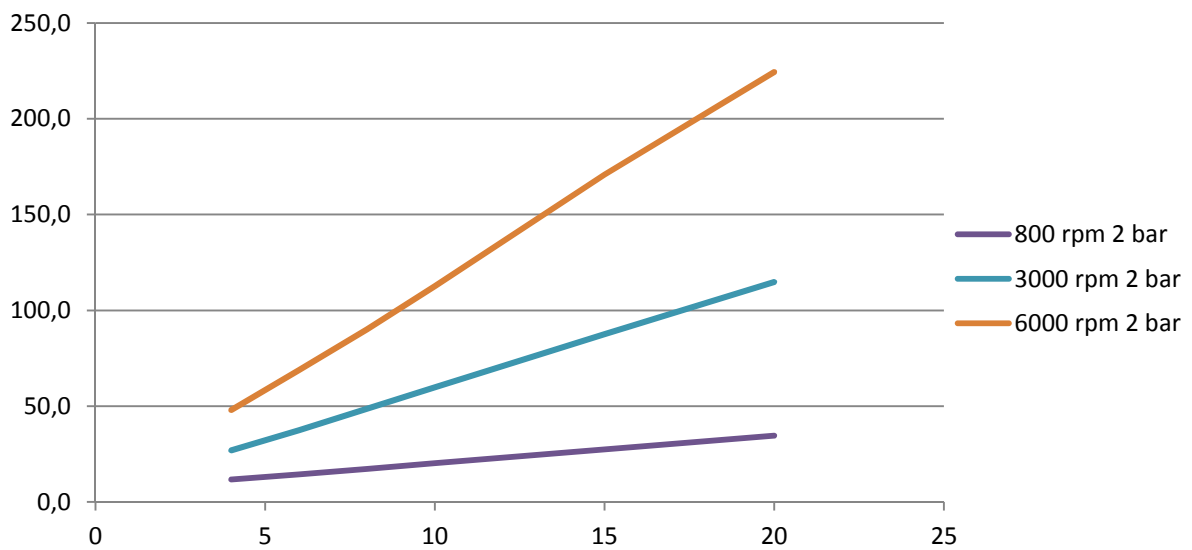
IG7 2 Ohm 2,5 mm 3 bar



IG7 2 Ohm 1,5 mm 1 bar



IG7 2 Ohm 1,5 mm 2 bar



IG7 2 Ohm 1,5 mm 3 bar

