



INJ-213 (Yellow Dot) Injector Information

Part Number:	INJ-213	
Length:	3/4 Length	
Connector:	Bosch Jetronic/Minitimer	
O-Ring Diameter:	14mm Top and Bottom	
Coil Resistance:	12 Ω @ 22°C	
Min Opening Voltage:	10V @ 22°C	
Test Fluid:	N-Heptane	
Fluid Density:	0.684 g/cm ³	
Fluid Viscosity:	0.61 mm ² /s	
Test Temperature:	21±2°C	
Test Pressure:	300, 400 and 500 kPa	
Test Voltage:	6-14 V	
Qstat, Static Flow Rate	1005 cc/min ±1.5%	
Qdyn, Dynamic Flow Rate	72.1 mg/pulse @ 7.5ms	
Fuel Compatibility	Gasoline, Ethanol and Methanol	
Spray Pattern	Wide Cone	
Spray Direction	Straight	

Slope [g/s] vs. Pressure [kPa]

Fuel Pressure

[psi]	40.0	43.5	50.0	55.0	58.0	60.0	65.0	72.5	80.0	90.0
[kPa]	276	300	345	379	400	414	448	500	552	621
[g/s]	10.70	11.16	12.07	12.69	13.04	13.26	13.76	14.41	15.14	16.05

Injector Offset [ms] vs. Pressure [kPa] vs. Voltage [V]

Fuel Pressure

Voltage [V]	Fuel Pressure										
	[psi]	40.0	43.5	50.0	55.0	58.0	60.0	65.0	72.5	80.0	90.0
	[kPa]	276	300	345	379	400	414	448	500	552	621
	15	0.588	0.625	0.695	0.748	0.780	0.785	0.796	0.814	0.832	0.855
	14	0.750	0.780	0.838	0.881	0.908	0.917	0.939	0.973	1.007	1.053
	13	0.944	0.955	0.975	0.991	1.000	1.029	1.099	1.206	1.312	1.454
	12	1.146	1.159	1.184	1.202	1.214	1.259	1.369	1.536	1.704	1.927
	11	1.416	1.421	1.431	1.439	1.444	1.477	1.559	1.683	1.807	1.972
	10	1.762	1.769	1.782	1.792	1.798	1.843	1.951	2.116	2.282	2.501
	9	2.304	2.317	2.341	2.359	2.371	2.409	2.501	2.643	2.785	2.973
	8	2.965	3.201	3.643	3.978	4.184	4.208	4.264	4.351	4.438	4.553
	7	5.980	5.909	5.776	5.675	5.613	5.877	6.519	7.500	7.500	7.500
6	7.500	7.500	7.500	7.500	7.500	7.500	7.500	7.500	7.500	7.500	

Static Flow Rate vs. Pressure [kPa]

Fuel Pressure

(psi)	40.0	43.5	50.0	55.0	58.0	60.0	65.0	72.5	80.0	90.0
(kPa)	276	300	345	379	400	414	448	500	552	621
[g/min]	11.04	11.51	12.40	13.04	13.41	13.66	14.23	15.04	15.81	16.77
[cc/min]	970	1011	1089	1145	1178	1200	1250	1322	1389	1473

For Ford/GM Plug and Play data, please visit

<https://www.raceworks.com.au/fuel/injectors/data/INJ-213>