



Fuel Injector Characterization Summary

DW PN: 22S-XX-0750-XX

Pulsed Flow Data (3bar, 13.5v)				Linearity
Pulse Width (ms)	Volumetric (cc/shot)	Gravimetric (mg/shot)	% Mass Deviation	
1.0	Below limits of detection			NON LINEAR RANGE
1.1	0.0020	1.467	-64.03%	
1.2	0.0033	2.434	-51.61%	
1.3	0.0038	2.871	-52.01%	
1.4	0.0059	4.431	-36.10%	
1.5	0.0078	5.835	-26.02%	
1.6	0.0098	7.333	-17.04%	
1.7	0.0113	8.456	-13.64%	
1.8	0.0127	9.486	-11.71%	
1.9	0.0140	10.453	-10.63%	
2.0	0.0154	11.546	-8.73%	LINEAR RANGE
2.1	0.0169	12.638	-7.09%	
2.2	0.0183	13.730	-5.67%	
2.3	0.0197	14.760	-4.82%	
2.4	0.0210	15.696	-4.64%	
2.5	0.0225	16.819	-3.41%	
2.6	0.0239	17.911	-2.47%	
2.7	0.0253	18.972	-1.79%	
2.8	0.0267	20.002	-1.32%	
2.9	0.0280	20.969	-1.19%	
3.0	0.0292	21.874	-1.36%	
3.1	0.0308	23.060	-0.29%	
3.2	0.0322	24.090	0.04%	
3.3	0.0336	25.182	0.60%	
3.4	0.0349	26.118	0.51%	
3.5	0.0361	27.023	0.32%	
3.6	0.0374	27.990	0.36%	
3.7	0.0385	28.801	-0.14%	
3.8	0.0398	29.831	0.12%	
3.9	0.0413	30.892	0.47%	
4.0	0.0423	31.703	0.01%	
5.0	0.0552	41.314	0.22%	
6.0	0.0673	50.364	-0.76%	
7.0	0.0799	59.850	-0.71%	
8.0	0.0938	70.272	0.68%	

SLOPE (cc/min) 767

NOTES

All mass values (gravimetric) are calculated for pump gas using SG of 0.749
 Application specific calibration summaries are also available (visit website or inquire with tech support)
 Data on calibration summaries may vary slightly from data on this sheet due to in-car optimization
 rev 4/18/2018

Static Flow Data					
Differential Pressure			Flow		
Bar	kPa	PSI	cc/min	lb/hr	g/s
2	200	29.0	673	64.1	8.40
3	300	43.5	799	76.1	9.97
4	400	58.0	914	87.0	11.40
5	500	72.5	998	95.0	12.46

Battery Offset					
	8 volts	10 volts	12 volts	14 volts	16 volts
2bar	1.607	1.182	0.836	0.569	0.382
3bar	1.761	1.279	0.896	0.613	0.429
4bar	2.127	1.486	0.992	0.646	0.446
5bar	2.479	1.687	1.085	0.674	0.453

