



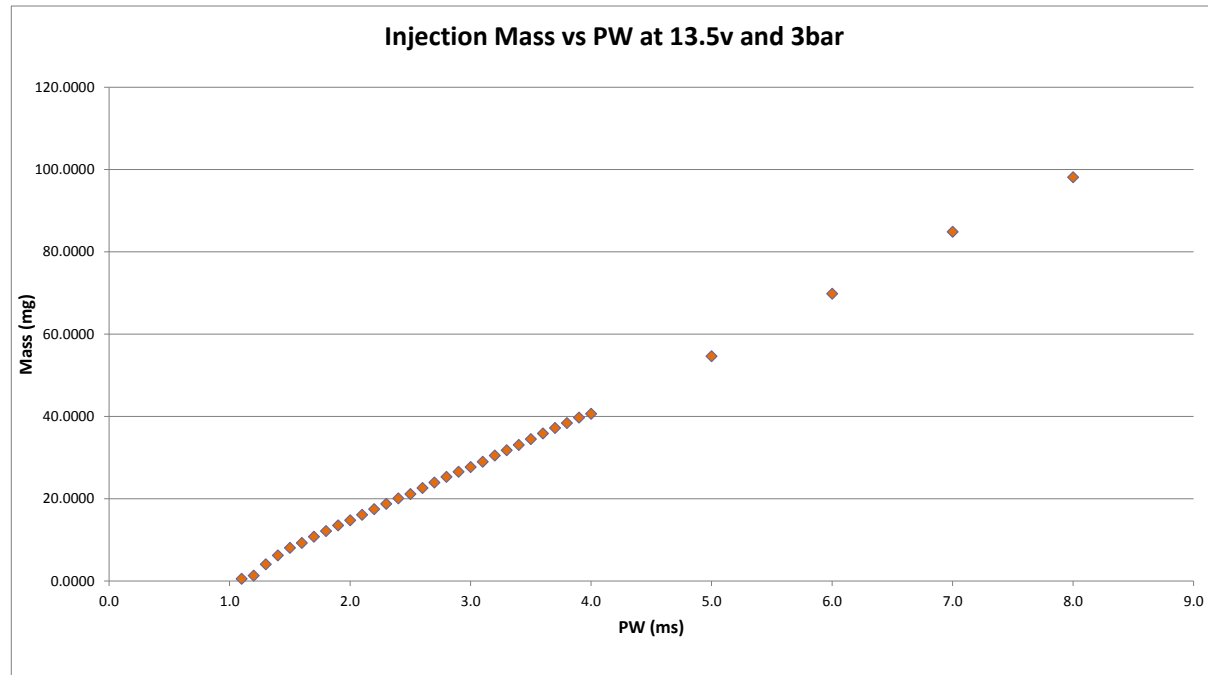
Fuel Injector Characterization Summary

DW PN: 16MX-XX-1200-X

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	0.0007	0.541	63.77%		
1.2	0.0018	1.311	-25.06%		
1.3	0.0054	4.077	28.73%		
1.4	0.0083	6.241	36.09%		
1.5	0.0108	8.051	34.08%		
1.6	0.0124	9.268	24.85%		
1.7	0.0144	10.765	21.76%		
1.8	0.0162	12.138	18.31%		
1.9	0.0180	13.511	15.69%		
2.0	0.0197	14.760	12.69%		
2.1	0.0215	16.101	10.92%		
2.2	0.0233	17.474	9.66%		
2.3	0.0251	18.764	8.13%		
2.4	0.0268	20.095	7.05%		
2.5	0.0283	21.156	4.79%		
2.6	0.0302	22.592	4.55%		LINEAR RANGE
2.7	0.0319	23.923	3.89%		
2.8	0.0338	25.296	3.48%		
2.9	0.0355	26.555	2.67%		
3.0	0.0370	27.678	1.45%		
3.1	0.0387	28.989	1.00%		
3.2	0.0408	30.518	1.32%		
3.3	0.0424	31.766	0.72%		
3.4	0.0442	33.076	0.36%		
3.5	0.0461	34.512	0.40%		
3.6	0.0479	35.885	0.25%		
3.7	0.0497	37.195	-0.05%		
3.8	0.0513	38.412	-0.57%		
3.9	0.0530	39.723	-0.82%		
4.0	0.0543	40.628	-2.03%		
5.0	0.0730	54.638	-1.83%		
6.0	0.0933	69.835	-0.01%		
7.0	0.1133	84.875	1.01%		
8.0	0.1310	98.137	-0.08%		
SLOPE (cc/min)		1164			

Static Flow Data					
Differential Pressure			Flow		
Bar	kPa	PSI	cc/min	lb/hr	g/s
2	200	29.0	921	87.7	11.49
3	300	43.5	1167	111.1	14.56
4	400	58.0	1375	131.0	17.17
5	500	72.5	1558	148.4	19.44

Battery Offset					
	8 volts	10 volts	12 volts	14 volts	16 volts
2bar	2.124	1.687	1.308	0.988	0.726
3bar	2.333	1.866	1.463	1.126	0.853
4bar	2.737	2.098	1.585	1.196	0.916
5bar	3.003	2.307	1.742	1.306	0.996



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

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