



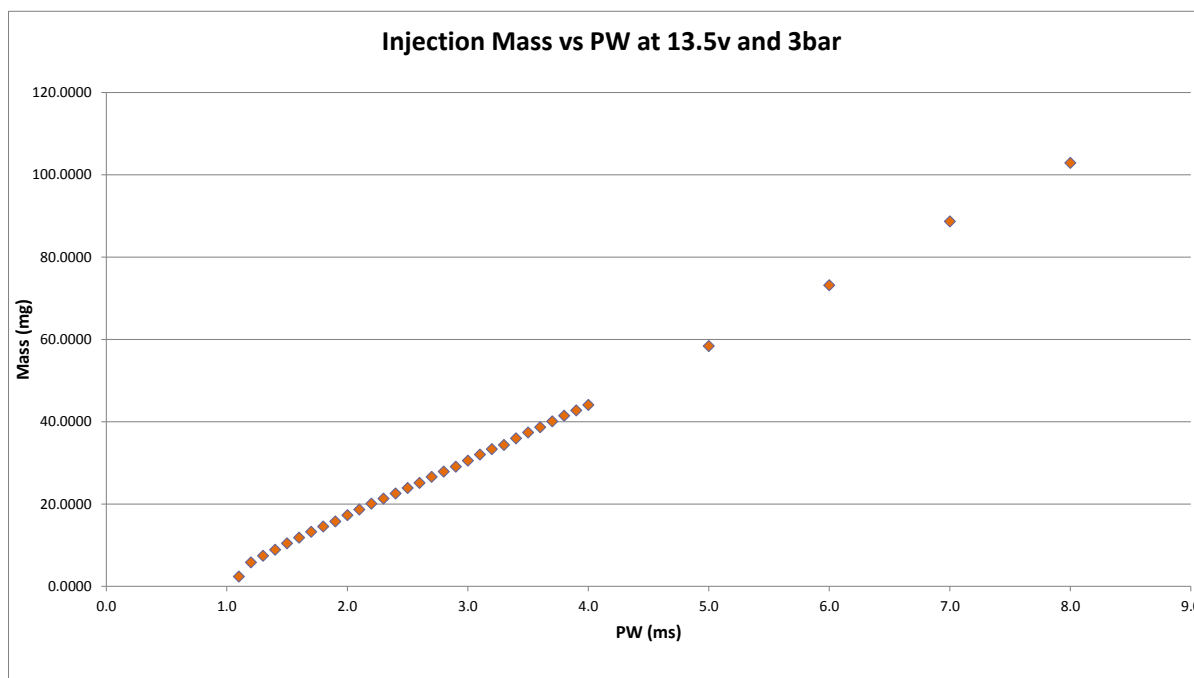
Fuel Injector Characterization Summary

DW PN: 17MX-XX-1100-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	0.0032	2.372	-3.17%	
1.2	0.0078	5.825	49.31%	
1.3	0.0099	7.406	38.34%	
1.4	0.0119	8.893	30.68%	
1.5	0.0140	10.453	26.60%	
1.6	0.0158	11.826	21.81%	
1.7	0.0177	13.231	18.54%	
1.8	0.0194	14.510	15.04%	
1.9	0.0210	15.758	12.04%	
2.0	0.0230	17.256	11.21%	
2.1	0.0249	18.629	9.78%	
2.2	0.0268	20.064	8.92%	
2.3	0.0285	21.312	7.25%	
2.4	0.0301	22.529	5.65%	
2.5	0.0319	23.871	4.81%	
2.6	0.0335	25.119	3.68%	
2.7	0.0355	26.586	3.53%	
2.8	0.0373	27.897	2.82%	
2.9	0.0388	29.051	1.63%	
3.0	0.0408	30.518	1.60%	
3.1	0.0428	32.015	1.67%	
3.2	0.0445	33.326	1.17%	
3.3	0.0459	34.356	-0.11%	
3.4	0.0480	35.947	0.29%	
3.5	0.0499	37.351	0.15%	
3.6	0.0516	38.662	-0.22%	
3.7	0.0535	40.097	-0.25%	
3.8	0.0554	41.470	-0.44%	
3.9	0.0570	42.719	-0.89%	
4.0	0.0589	44.091	-1.04%	
5.0	0.0780	58.383	-1.17%	
6.0	0.0977	73.174	-0.57%	
7.0	0.1184	88.651	0.61%	
8.0	0.1374	102.911	0.27%	
SLOPE (cc/min)		1185		LINEAR RANGE

Static Flow Data					
Differential Pressure			Flow		
Bar	kPa	PSI	cc/min	lb/hr	g/s
2	200	29.0	953	90.7	11.89
3	300	43.5	1174	111.8	14.65
4	400	58.0	1377	131.1	17.18
5	500	72.5	1559	148.5	19.46

Battery Offset					
	8 volts	10 volts	12 volts	14 volts	16 volts
2bar	Not Tested				
3bar	1.978	1.501	1.131	0.865	0.706
4bar	2.362	1.758	1.292	0.965	0.776
5bar	2.905	2.134	1.535	1.106	0.849



NOTES

All mass values (gravimetric) are calculated for pump gas using SG of 0.749
 Application specific calibration summaries are also available
 Data on calibration summaries may vary slightly from data on this sheet due to in-car optimization