



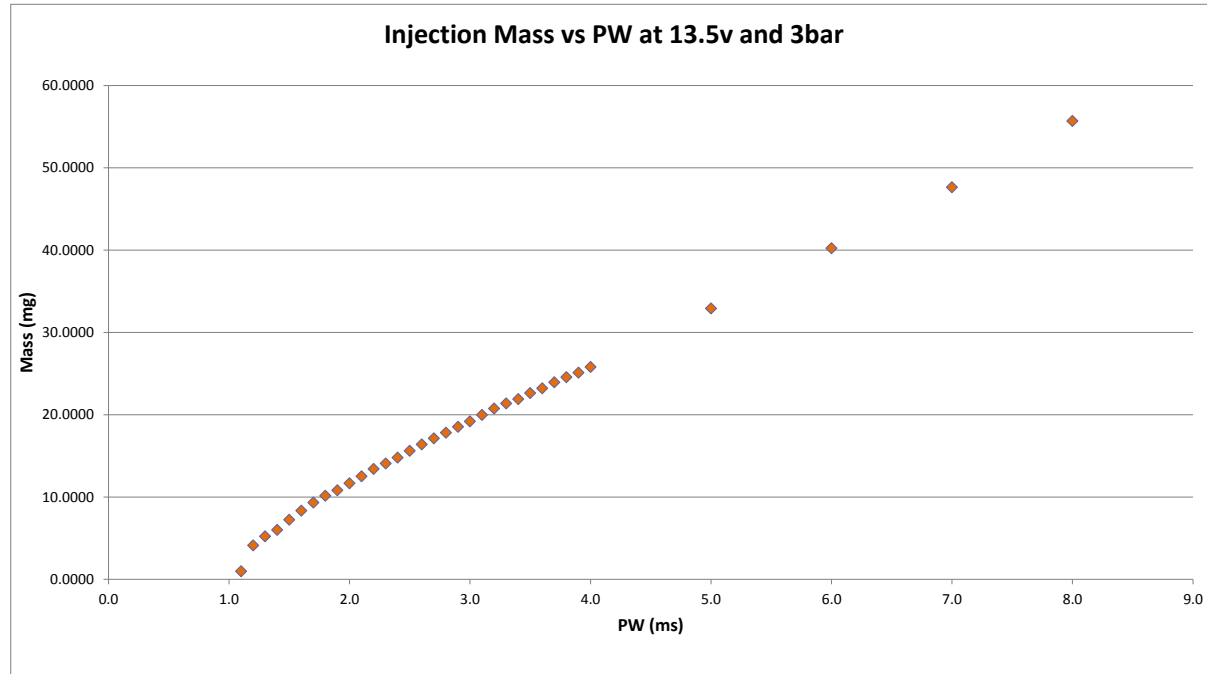
Fuel Injector Characterization Summary

DW PN: 17MX-XX-0600-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	0.0013	0.967	-81.52%	
1.2	0.0055	4.119	-30.85%	
1.3	0.0070	5.211	-21.97%	
1.4	0.0080	5.991	-19.03%	
1.5	0.0097	7.239	-10.86%	
1.6	0.0111	8.332	-5.78%	
1.7	0.0125	9.330	-2.45%	
1.8	0.0135	10.141	-1.41%	LINEAR RANGE
1.9	0.0145	10.828	-1.64%	
2.0	0.0156	11.670	-0.51%	
2.1	0.0167	12.513	0.49%	
2.2	0.0179	13.418	1.86%	
2.3	0.0188	14.073	1.28%	
2.4	0.0198	14.791	1.19%	
2.5	0.0208	15.602	1.72%	
2.6	0.0219	16.382	2.01%	
2.7	0.0229	17.131	2.08%	
2.8	0.0238	17.818	1.79%	
2.9	0.0248	18.535	1.70%	
3.0	0.0256	19.191	1.29%	
3.1	0.0267	19.971	1.54%	
3.2	0.0277	20.751	1.77%	
3.3	0.0285	21.375	1.24%	
3.4	0.0293	21.905	0.33%	
3.5	0.0302	22.623	0.30%	
3.6	0.0310	23.216	-0.26%	
3.7	0.0320	23.934	-0.27%	
3.8	0.0328	24.558	-0.66%	
3.9	0.0335	25.119	-1.27%	
4.0	0.0345	25.806	-1.37%	
5.0	0.0440	32.920	-1.38%	
6.0	0.0537	40.222	-0.93%	
7.0	0.0636	47.649	-0.35%	
8.0	0.0744	55.699	1.21%	
SLOPE (cc/min)		597		

Static Flow Data					
Differential Pressure			Flow		
Bar	kPa	PSI	cc/min	lb/hr	g/s
2	200	29.0	509	48.5	6.35
3	300	43.5	628	59.8	7.84
4	400	58.0	729	69.4	9.10
5	500	72.5	818	77.9	10.20

Battery Offset					
	8 volts	10 volts	12 volts	14 volts	16 volts
2bar	1.221	0.866	0.595	0.410	0.309
3bar	1.368	1.018	0.741	0.536	0.402
4bar	1.614	1.210	0.858	0.617	0.486
5bar	1.976	1.401	0.975	0.698	0.569



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 5/17/18