



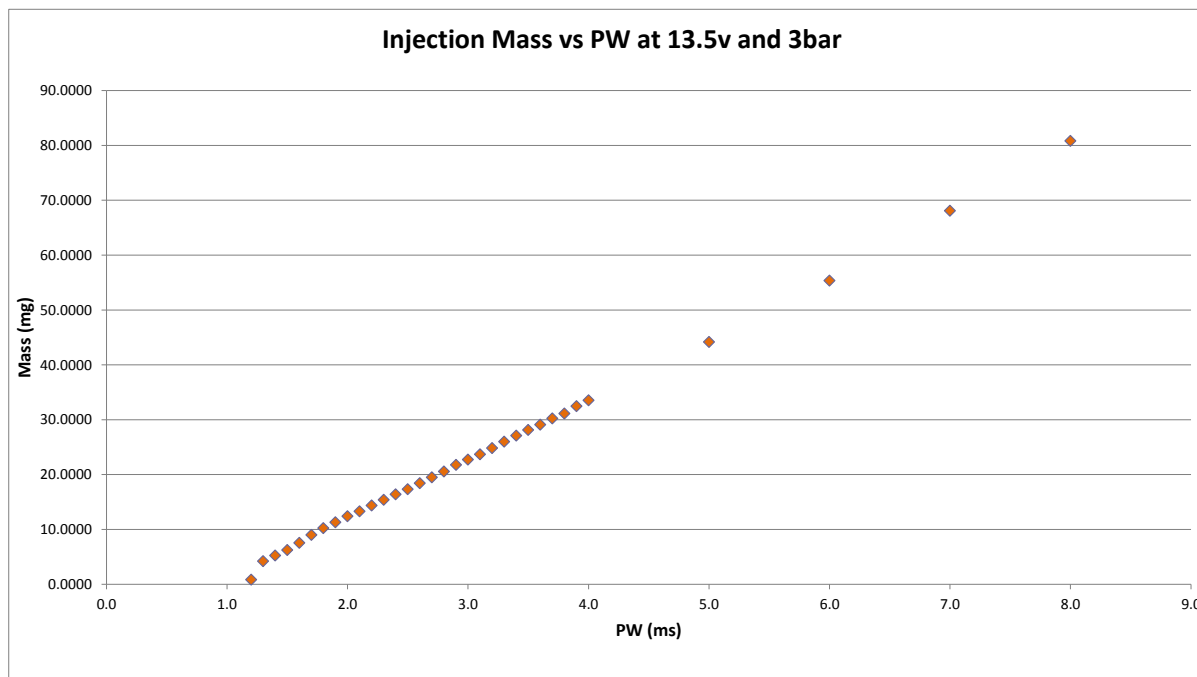
## Fuel Injector Characterization Summary

DW PN: 16MX-XX-0900-X

Pulsed Flow Data (3bar,13.5v)					
Pulse Width (ms)	Volumetric (cc/shot)	Gravimetric (mg/shot)	% Mass Deviation	Linearity	
1.0	Below limits of detection			NON LINEAR RANGE	
1.1	Below limits of detection				
1.2	0.0011	0.843	-47.80%		
1.3	0.0056	4.213	52.60%		
1.4	0.0070	5.242	34.17%		
1.5	0.0083	6.241	23.49%		
1.6	0.0101	7.551	21.79%		
1.7	0.0120	8.987	22.33%		
1.8	0.0137	10.235	20.51%		
1.9	0.0151	11.296	17.18%		
2.0	0.0166	12.419	15.14%		
2.1	0.0178	13.293	11.40%		
2.2	0.0192	14.354	9.75%		
2.3	0.0205	15.384	8.14%		
2.4	0.0219	16.382	6.57%		
2.5	0.0231	17.318	4.84%		LINEAR RANGE
2.6	0.0246	18.442	4.40%		
2.7	0.0260	19.503	3.67%		
2.8	0.0275	20.564	3.03%		
2.9	0.0290	21.749	3.05%		
3.0	0.0303	22.717	2.09%		
3.1	0.0316	23.684	1.22%		
3.2	0.0332	24.839	1.20%		
3.3	0.0347	25.993	1.18%		
3.4	0.0362	27.085	0.92%		
3.5	0.0375	28.115	0.47%		
3.6	0.0388	29.082	-0.16%		
3.7	0.0404	30.237	-0.13%		
3.8	0.0416	31.142	-0.90%		
3.9	0.0434	32.484	-0.26%		
4.0	0.0448	33.544	-0.51%		
5.0	0.0590	44.154	-2.27%		
6.0	0.0739	55.356	-2.28%		
7.0	0.0909	68.087	-0.04%		
8.0	0.1079	80.819	1.56%		
SLOPE (cc/min)		949			

Static Flow Data					
Differential Pressure			Flow		
Bar	kPa	PSI	cc/min	lb/hr	g/s
2	200	29.0	781	74.4	9.75
3	300	43.5	973	92.7	12.15
4	400	58.0	1155	110.0	14.41
5	500	72.5	1321	125.8	16.49

Battery Offset					
	8 volts	10 volts	12 volts	14 volts	16 volts
2bar	1.926	1.541	1.257	1.073	0.991
3bar	2.253	1.794	1.451	1.222	1.109
4bar	2.469	1.919	1.507	1.231	1.122
5bar	2.899	2.130	1.575	1.234	1.127



**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