



Fuel Injector Characterization Summary

DW PN: 16U-XX-0065-X, 16U-XX-0700-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				
1.2				
1.3	0.0016	1.217	-45.96%	
1.4	0.0046	3.412	6.23%	
1.5	0.0062	4.660	11.70%	
1.6	0.0077	5.742	11.89%	
1.7	0.0091	6.803	11.68%	
1.8	0.0104	7.801	10.63%	
1.9	0.0117	8.737	9.06%	
2.0	0.0125	9.361	4.35%	LINEAR RANGE
2.1	0.0138	10.360	4.32%	
2.2	0.0152	11.358	4.29%	
2.3	0.0164	12.263	3.48%	
2.4	0.0176	13.168	2.79%	
2.5	0.0188	14.042	1.97%	
2.6	0.0200	14.947	1.47%	
2.7	0.0212	15.883	1.23%	
2.8	0.0224	16.788	0.83%	
2.9	0.0237	17.724	0.65%	
3.0	0.0250	18.723	0.82%	
3.1	0.0263	19.690	0.82%	
3.2	0.0275	20.595	0.51%	
3.3	0.0287	21.500	0.23%	
3.4	0.0299	22.405	-0.02%	
3.5	0.0312	23.341	-0.12%	
3.6	0.0325	24.339	0.04%	
3.7	0.0336	25.182	-0.42%	
3.8	0.0349	26.118	-0.50%	
3.9	0.0361	27.023	-0.68%	
4.0	0.0373	27.897	-0.97%	
5.0	0.0504	37.726	-0.11%	
6.0	0.0637	47.711	0.73%	
7.0	0.0762	57.072	0.19%	
8.0	0.0887	66.402	-0.24%	
SLOPE (cc/min)		772		

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 2-16-17

Static Flow Data					
Differential Pressure			Flow		
Bar	kPa	PSI	cc/min	lb/hr	g/s
2	200	29.0	635	60.5	7.93
3	300	43.5	784	74.6	9.78
4	400	58.0	903	86.0	11.27
5	500	72.5	1022	97.4	12.76

Battery Offset					
	8 volts	10 volts	12 volts	14 volts	16 volts
2bar	2.298	1.612	1.089	0.729	0.533
3bar	2.419	1.765	1.263	0.913	0.715
4bar	2.629	1.945	1.417	1.044	0.826
5bar	2.843	2.121	1.563	1.168	0.938

