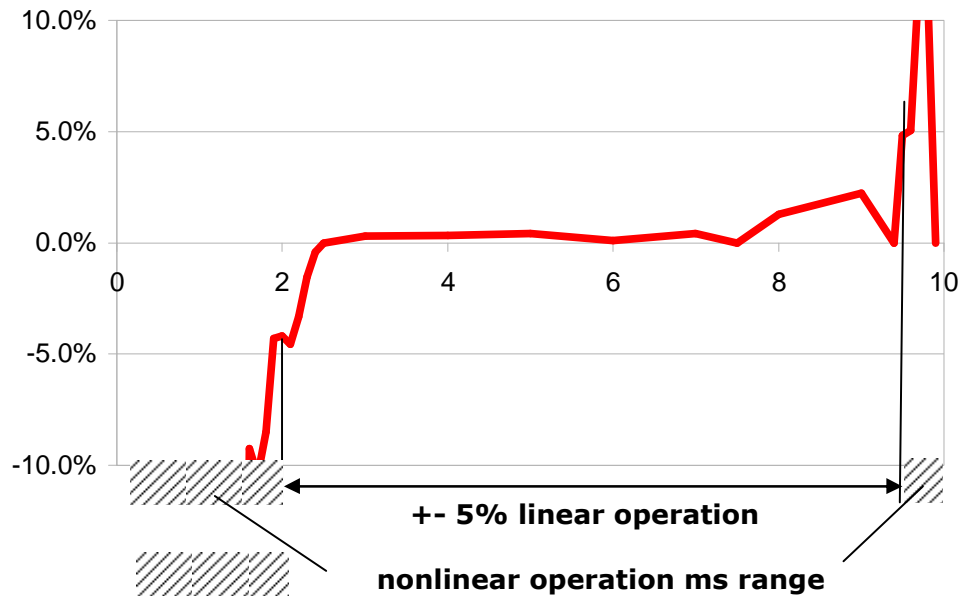
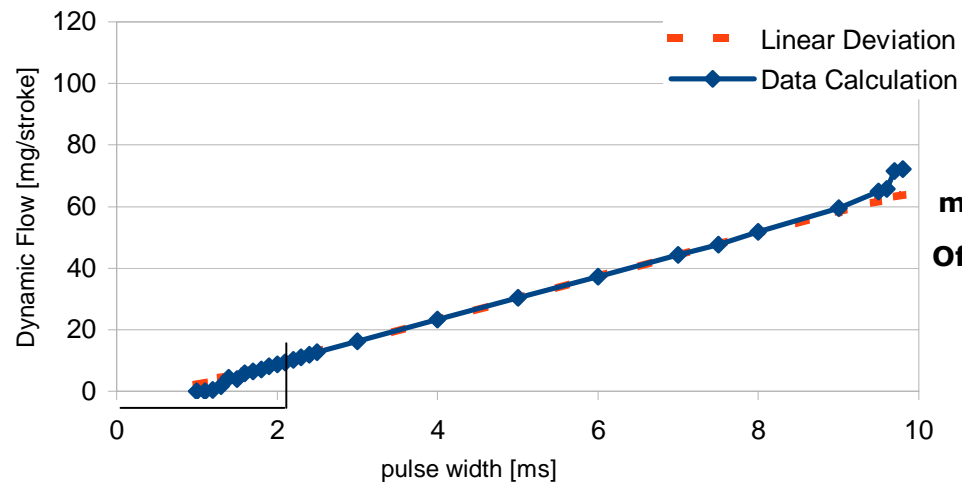


# Linear Deviation

600cc @ 4bar in n-heptane



Part Number: ASNU 90/600



## Pulse Width Linear Deviation

[ms]

[%]

Batt = 14V

fluid: n-heptane @ 20°C

cycle time: 10ms

1	
1.1	
1.2	
1.3	-145.98%
1.4	-15.28%
1.5	-44.53%
1.6	-9.25%
1.7	-10.45%
1.8	-8.51%
<b>1.9</b>	<b>-4.31%</b>
<b>2</b>	<b>-4.20%</b>
<b>2.1</b>	<b>-4.55%</b>
<b>2.2</b>	<b>-3.32%</b>
<b>2.3</b>	<b>-1.53%</b>
<b>2.4</b>	<b>-0.42%</b>
<b>2.5</b>	<b>0.00%</b>
<b>3</b>	<b>0.31%</b>
<b>4</b>	<b>0.34%</b>
<b>5</b>	<b>0.43%</b>
<b>6</b>	<b>0.11%</b>
<b>7</b>	<b>0.43%</b>
<b>7.5</b>	<b>0.00%</b>
<b>8</b>	<b>1.27%</b>
<b>9</b>	<b>2.23%</b>
<b>9.4</b>	<b>#DIV/0!</b>
<b>9.5</b>	<b>4.81%</b>
<b>9.6</b>	<b>5.04%</b>
9.7	11.92%
9.8	11.74%
9.9	#DIV/0!

### +/-5% linear operation range

ti,min = 1.9 ms

Ti,max = 9.6 ms

Qdyn @ 1.9ms: 12.44cc

Qdyn @ 9.6ms: 113.23cc

### +/-2% linear operation range

ti,min = 2.1 ms

Ti,max = 9.4 ms

Qdyn @ 2.1ms: 15.23cc

Qdyn @ 9.4ms: 106.57cc

**bold numbers: linear range of injector**  
(less than +5% deviation to ideal injector)