

#107961

61 lb/hr Deka IV Long Minitimer



Features

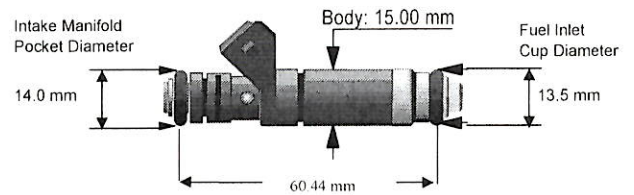
Fuel Compatibility	Standard Gasolines & Ethanol Flex Fuels
Fuel Pressure	300 kPa
Static Flow Rate	n-Heptane: 7.64 g/sec (61 lb/hr, 668 cc)
Dynamic Flow Rate	n-Heptane: mg/pulse (15.7 mg/pulse 2.5 ms PW, 20 ms Period)
Offset	0.67 ms
Minimum Linear PW	1.5 ms
Linear Flow Range (SAE)	8.43
Opening/Closing Time	1.3 ms / 0.7 ms
Coil Resistance	12.0 •
Injector Inductance	11.6 mH
SMOV / DMOV	4.42 V / 4.92 V
Connector	Minitimer
Spray Pattern	26° Cone
Installation Compatibility	Deka I, IV Long, V Long, & VII Long Installation Compatible
Identification Shell Color	Black

Connector

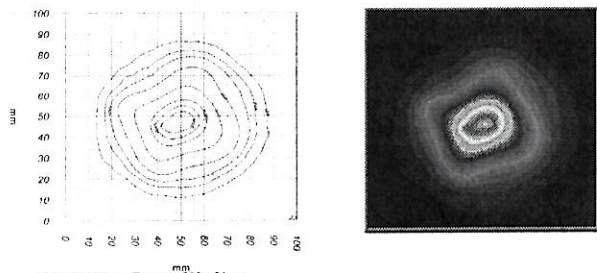
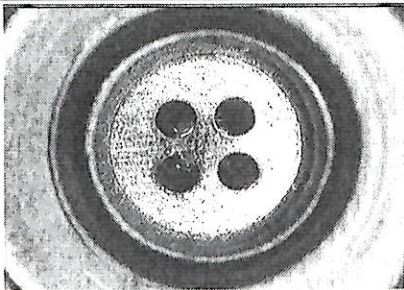


Minitimer

Basic Dimensions

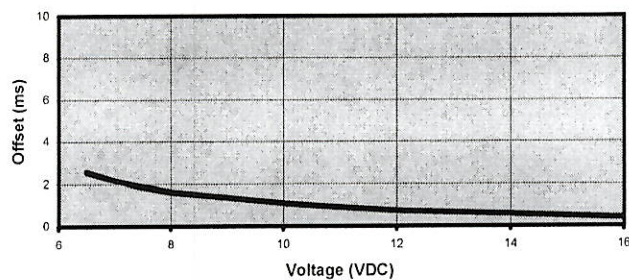


Spray Characteristics (4 Hole Orifice)



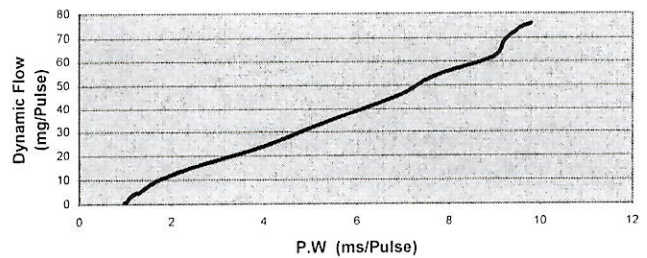
Voltage Sensitivity

Voltage Sensitivity Summary, 6-16V

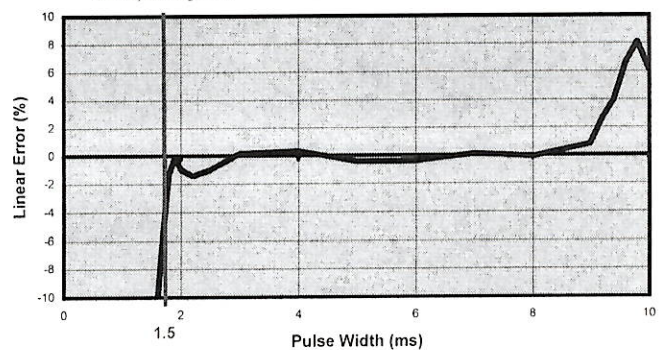


Linearity

Characteristic Injector Flow Curve



Min. Operating P.W Linearity Error, 0-10ms



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61 lb/hr DekalV Long USCar

Slope Offset Worksheet

Injector Part Number:	FI114191
Injector Type:	DIV Long Std Tip, USCar
Injector Supplier:	Continental
Other Injector Details:	SSO 61 #
Application Details:	Slope Offset Testing
Test Date:	9/24/2007
Test Pressure:	300 kPa (43.5 psi)
Test Fluid:	n-Heptane
Test Driver Stage:	DPS

ALOSL	8.025650794	mg/ms	0.017693234	lb/s
AHISL	7.647	mg/ms	0.016857382	lb/s
FUEL BKPT	14.428	mg	3.18069E-05	lb
INJ_PW_BKPT	1.798	ms		
MINPW	1.312070161	ms		

Voltage Offset		
15v	0.4066	ms
14v	0.4879	ms
13v	0.5992	ms
12v	0.7059	ms
11v	0.8367	ms
10v	1.0174	ms
8v	1.5462	ms
6v	2.756084309	ms

