

Setting values of injection pump
Check values in brackets

Supply pump pressure:

Speed 1/min : 1000
Checkbk. volt. : 3400
mV : 3400
Setting value, bar : 6.9...7.7

Timing device travel:

Speed 1/min : 1000
Checkbk. volt : 3400
mV : 3400
Setting value, mm : 7.8...8.0

Full-load delivery :

1st temperature-conditioning
revolution 1/min : 2000
Checkbk. volt : 2500
mV : 2500
Output
temperature °C : 61
Speed 1/min : 750
Checkbk. volt : 2450
mV : 2450
Measuring
temperature °C : 57
Fuel delivery cm³/
> 1000s : 38.5...38.7
Dispersion cm³/
> 1000s : 2.5

Test specifications of injection pump
Check values in brackets

Supply pump pressure variations:

1st speed 1/min : 2250
Checkbk. volt : 3400
mV : 3400
Supply pump
pressure > bar : 8.8...9.6
> bar :
2st speed 1/min : 500
Checkbk. volt : 3400
mV : 3400
Supply pump
pressure > bar : 6.2...7.0
> bar :
3st speed 1/min : 150
Checkbk. volt : 2560
mV : 2560
Supply pump
pressure > bar : 3.5...10.5
> bar :

Timing device variations:

1st speed 1/min : 500
Checkbk. volt. mV : 3400
Timing device
travel mm : 5.2...7.6
> mm : (4.4...8.4)
2nd speed 1/min : 2250
Checkbk. volt. mV : 3400
Timing device
travel mm : 9.4...10.2
> mm : (9.2...10.4)
3rd speed 1/min : 1500
Checkbk. volt. mV : 1650
Timing device
travel mm : max. 1.0
> mm : (max. 3.5)
Solenoid valve
Start of
injection, volts : 12
4.th speed 1/min : 1000
Checkbk. volt. mV : 3400
Timing device
travel mm :
> mm : (6.9...8.9)

Overflow at overflow valve:

1st temperature-conditioning
revolution 1/min : 100
Checkbk. volt. mV : 2500
Output
temperature °C : 51
Speed 1/min : 2250
Checkbk. volt. mV : 3400
Measuring
temperature °C : 53
Overflow : 83...167
> cm³/10 :