



Revivals
Lodge Road, Thriplow, Royston
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LPS 3000 PKW

Vehicle type: Lancia Fulvia 1.3
License plate: EKH 819 J
Inspector: David

Otto-Motor / No or mechanical charger
Manual transmission
Front drive

Timing set @ idle 8-10 @ 900rpm, max 25
Fueling going lean at above 5000 rpm.

Measurement date: 22.07.2020 (13:20)

Page 1



Power data

Corrected power ¹⁾	P_{Norm}	---	BHP	/	---	kW
Engine power	P_{Eng}	78,9	BHP	/	58,9	kW
Wheel power	P_{Wheel}	54,1	BHP	/	40,3	kW
Drag power	P_{Drag}	24,9	BHP	/	18,6	kW
Max. power at		5955	rpm	/	83,7	mph
Torque ¹⁾	M_{Eng}	75,5	lb.ft			
Max. Torque at		4600	rpm	/	64,7	mph
Max. attained RPM		6790	rpm	/	94,9	mph

¹⁾ No power correction
Correction factors: $Q_v = 0,00\%$

Ambient data

Ambient temperature	$T_{Ambient}$	25,0 °C
Intake air temperature	$T_{Intake\ air}$	23,1 °C
Relative humidity	H_{Air}	40,7 %
Air pressure	p_{Air}	1017,7 hPa
Steam pressure	p_{Steam}	12,9 hPa
Oil temperature	T_{Oil}	---
Fuel temperature	T_{Fuel}	---

Slip

Speed no load	$V_{no\ load}$	---	mph
RPM no load	$n_{no\ load}$	---	rpm
Speed full load	$V_{full\ load}$	---	mph
RPM full load	$n_{full\ load}$	---	rpm
Slip		---	%

Rotating mass

Average delay run down 1	a_1	---	m/s ²
Average Brake force run down 1	F_1	---	lbf
Average delay run down 2	a_2	---	m/s ²
Average brake force run down 2	F_2	---	lbf
Force of the rotating mass	$F_{rot-total}$	---	lbf
Rotating total mass	$m_{rot-total}$	683,4	lb
Rotating test stand mass	$m_{rot-dyno}$	551,2	lb
Rotating vehicle mass	$m_{rot-vehicle}$	132,3	lb