

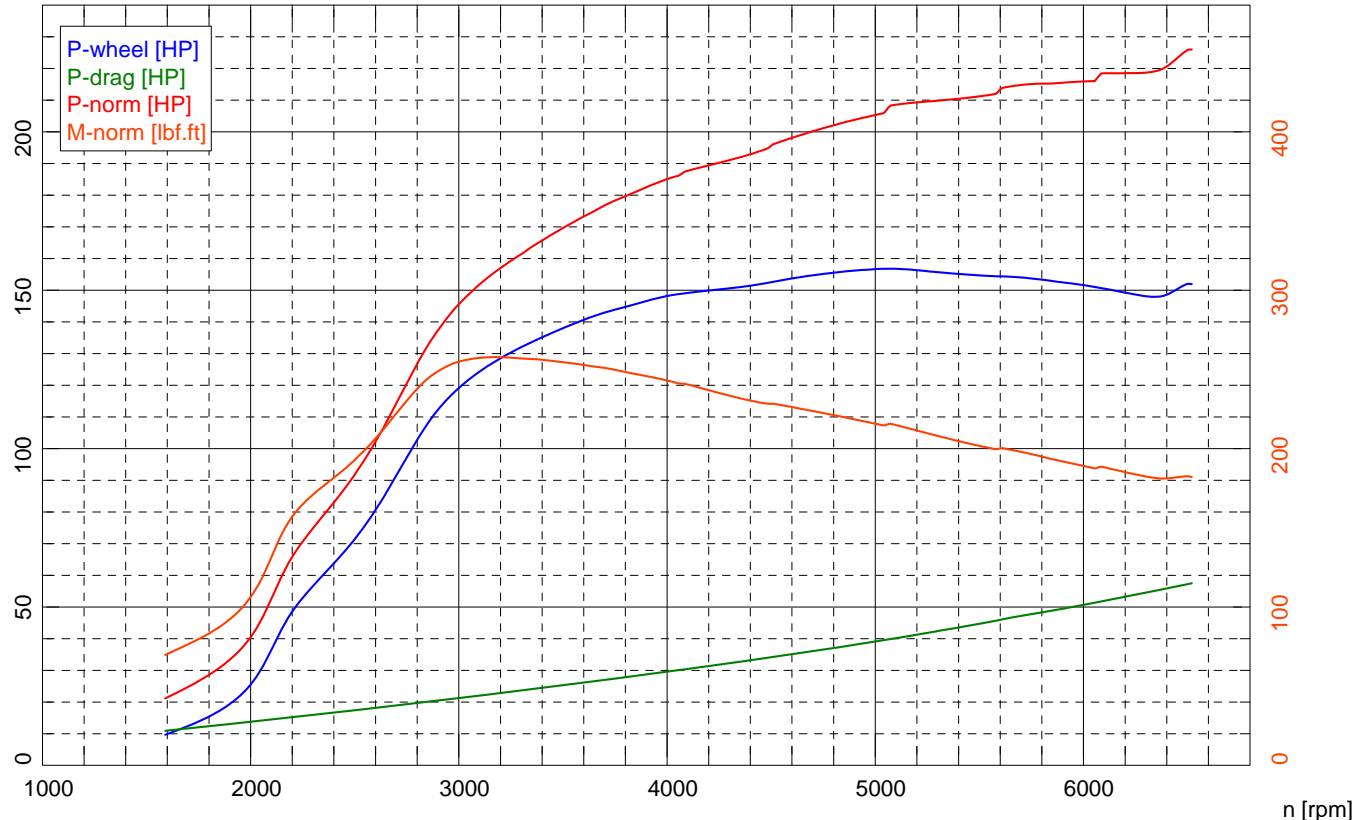
Vehicle type: A4 2.0 AUTO 07 NICK
License plate: 167065
Inspector: JON RUN3 cool

Otto-Motor / Turbo charger (air-cooled)
Manual transmission
Front drive

STOCK WITH GOODSPEED F-PAK S4 EXHAUST SYSTEM CONVERSION
91 oct
APR FLASH CARBONIO AIR BOX
NOT USING OBD FOR RPM
65 100100 75 125,4TH

Measurement date: 24.12.2009 (15:00)

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Power data

Corrected power ¹⁾	P_{Norm}	225,9 HP	/	168,5 kW
Engine power	P_{Eng}	209,3 HP	/	156,1 kW
Wheel power	P_{Wheel}	151,8 HP	/	113,2 kW
Drag power	P_{Drag}	57,4 HP	/	42,8 kW
Max. power at		6525 rpm	/	104,5 mph
Torque ¹⁾	M_{Morm}	257,6 lbf.ft		
Max. Torque at		3180 rpm	/	51,0 mph
Max. attained RPM		6520 rpm	/	104,6 mph

¹⁾ Correction acc. to SAE J 1349
Correction factors: $Q_v = 0,00 \%$

Ambient data

Ambient temperature	$T_{Ambient}$	68,5 F
Intake air temperature	$T_{Intake\ air}$	129,2 F
Relative humidity	H_{Air}	17,7 %
Air pressure	p_{Air}	977,2 hPa
Steam pressure	p_{Steam}	4,2 hPa
Oil temperature	T_{Oil}	181,4 F
Fuel temperature	T_{Fuel}	----, - F

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	---, --- mph/s
Average Brake force run down 1	F_1	----, - lbf
Average delay run down 2	a_2	---, --- mph/s
Average brake force run down 2	F_2	----, - lbf
Force of the rotating mass	$F_{rot-total}$	----, - lbf
Rotating total mass	$m_{rot-total}$	691,1 lb
Rotating test stand mass	$m_{rot-dyno}$	551,2 lb
Rotating vehicle mass	$m_{rot-vehicle}$	140,0 lb