

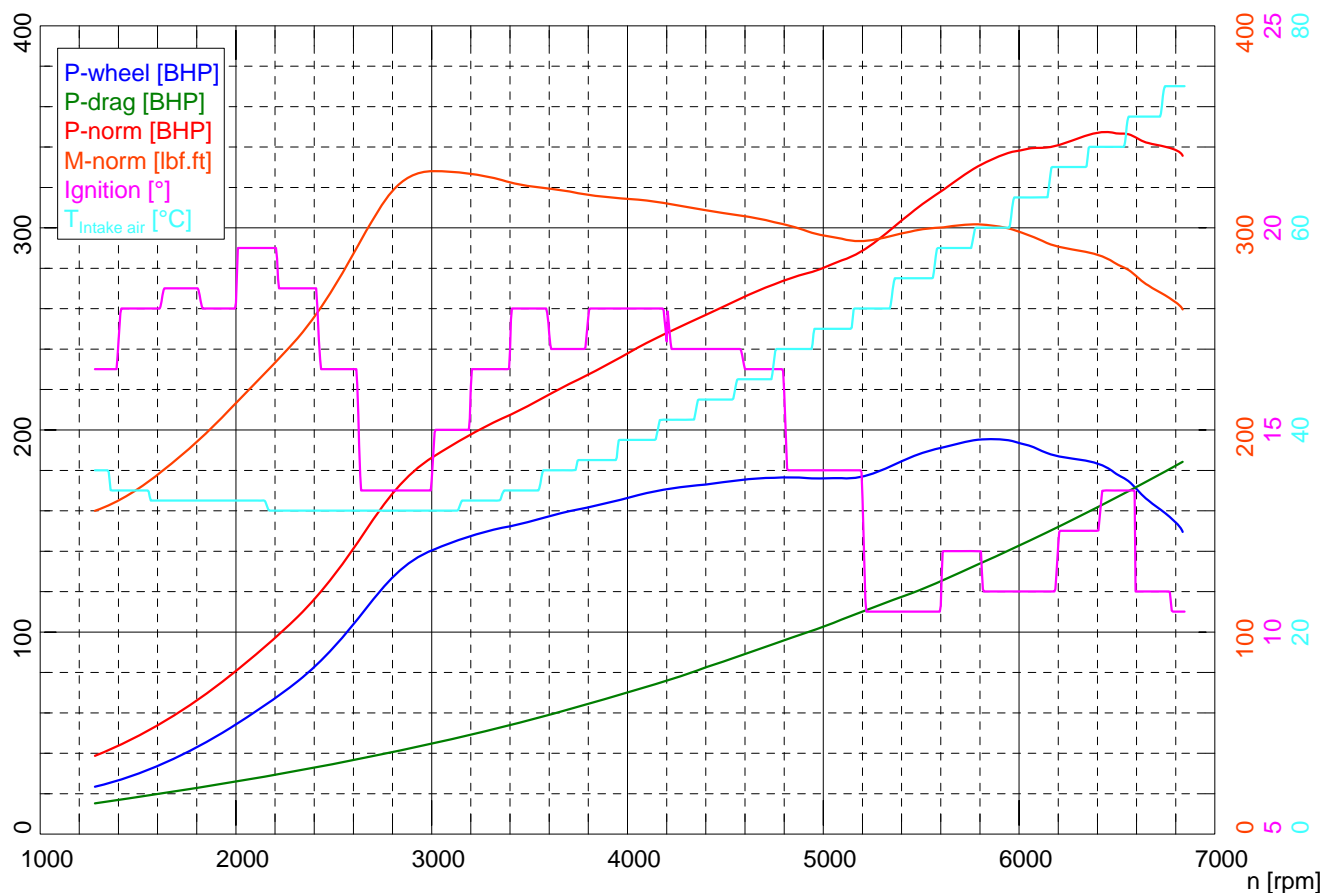
Vehicle type: AUDI RS4
License plate: J5MGO
Inspector: COOKSON

Otto-Motor / Turbo charger (water-cooled)
Manual transmission
4 wheel drive

SCORPION CAT BACK EXHAUST, AIR BOX MOD.

Measurement date: 21.07.2011 (11:12)

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Power data

Corrected power 1) P_{Norm} 347.3 BHP / 259.0 kW
Engine power P_{Eng} 345.3 BHP / 257.5 kW
Wheel power P_{Wheel} 181.3 BHP / 135.2 kW
Drag power P_{Drag} 164.0 BHP / 122.3 kW
Max. power at 6410 rpm / 144.9 mph
Torque 1) M_{Norm} 328.1 lb.ft
Max. Torque at 3010 rpm / 68.0 mph
Max. attained RPM 6835 rpm / 153.7 mph

1) Correction acc. to DIN 70020
Correction factors: $Q_v = 0.00\%$

Ambient data

Ambient temperature $T_{Ambient}$ 21.3 °C
Intake air temperature $T_{Intake\ air}$ 24.0 °C
Relative humidity H_{Air} 70.2 %
Air pressure p_{Air} 1014.0 hPa
Steam pressure p_{Steam} 17.8 hPa
Oil temperature T_{Oil} 21.0 °C
Fuel temperature T_{Fuel} ---- °C

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

a_{1-FA} ---- m/s ²	a_{1-RA} ---- m/s ²
F_{1-FA} ---- lbf	F_{1-RA} ---- lbf
a_{2-FA} ---- m/s ²	a_{2-RA} ---- m/s ²
F_{2-FA} ---- lbf	F_{2-RA} ---- lbf
$F_{rot-total-FA}$ ---- lbf	$F_{rot-total-RA}$ ---- lbf
$m_{rot-total-FA}$ 310.0 kg	$m_{rot-total-RA}$ 310.0 kg
$m_{rot-dyno-FA}$ 250.0 kg	$m_{rot-dyno-RA}$ 250.0 kg
$m_{rot-vehicle-FA}$ 60.0 kg	$m_{rot-vehicle-RA}$ 60.0 kg