

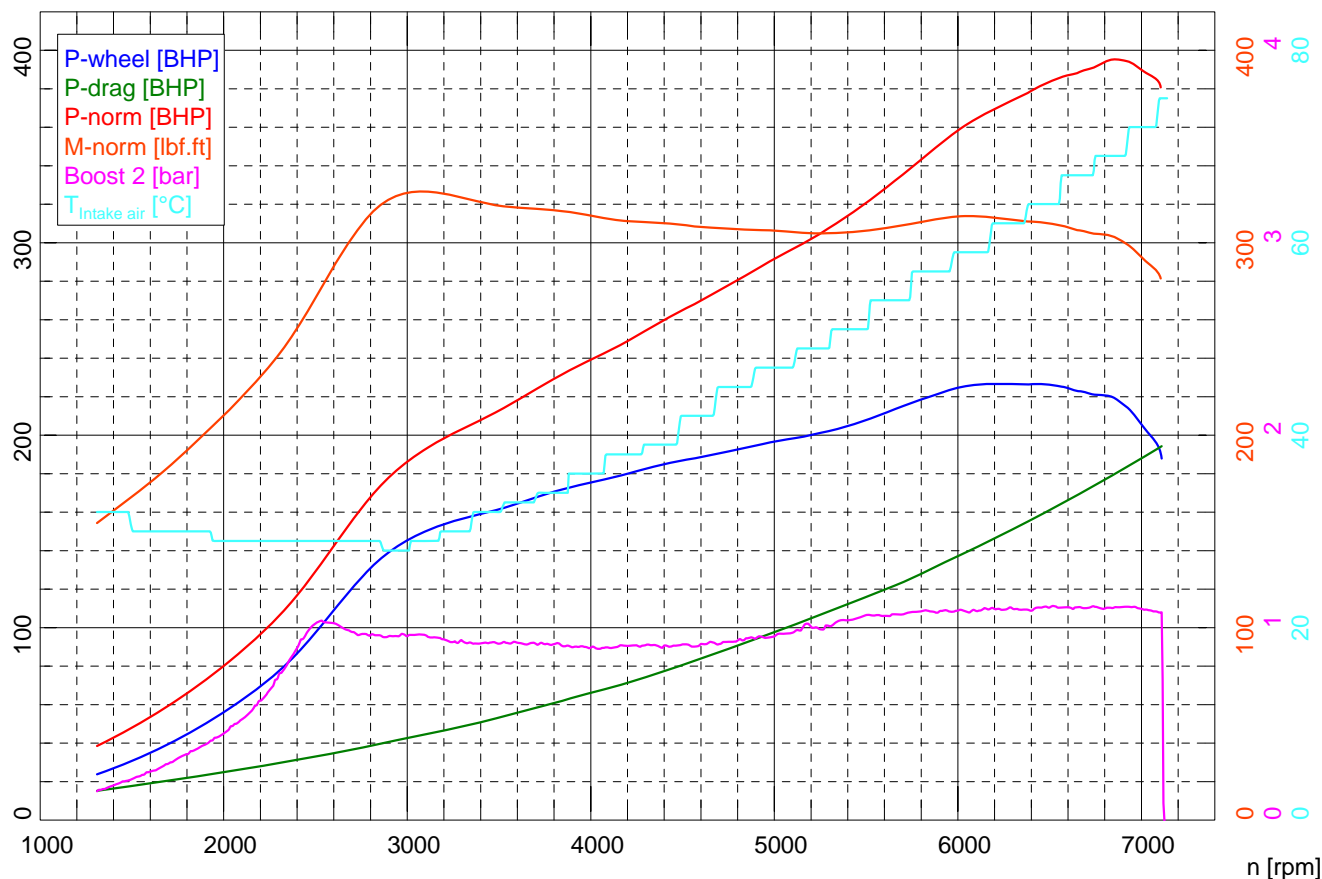
Vehicle type: AUDI RS4  
License plate: J5MGO  
Inspector: COOKSON

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

POWER RUN PRE SIDEMOUNTS & WATER MATH

Measurement date: 01.05.2012 (10:15)

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### Power data

Corrected power 1)  $P_{Norm}$  395.3 BHP / 294.8 kW  
Engine power  $P_{Eng}$  399.0 BHP / 297.5 kW  
Wheel power  $P_{Wheel}$  219.3 BHP / 163.5 kW  
Drag power  $P_{Drag}$  179.7 BHP / 134.0 kW  
Max. power at 6855 rpm / 149.5 mph  
Torque 1)  $M_{Norm}$  326.5 lb.ft  
Max. Torque at 3085 rpm / 67.3 mph  
Max. attained RPM 7110 rpm / 155.1 mph

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

### Ambient data

Ambient temperature  $T_{Ambient}$  15.3 °C  
Intake air temperature  $T_{Intake\ air}$  16.6 °C  
Relative humidity  $H_{Air}$  80.3 %  
Air pressure  $p_{Air}$  1016.5 hPa  
Steam pressure  $p_{Steam}$  14.0 hPa  
Oil temperature  $T_{Oil}$  13.0 °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 <sup>2</sup>	$a_{1-RA}$ ---- m/s <sup>2</sup>
$F_{1-FA}$ ---- lbf	$F_{1-RA}$ ---- lbf
$a_{2-FA}$ ---- m/s <sup>2</sup>	$a_{2-RA}$ ---- m/s <sup>2</sup>
$F_{2-FA}$ ---- 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