

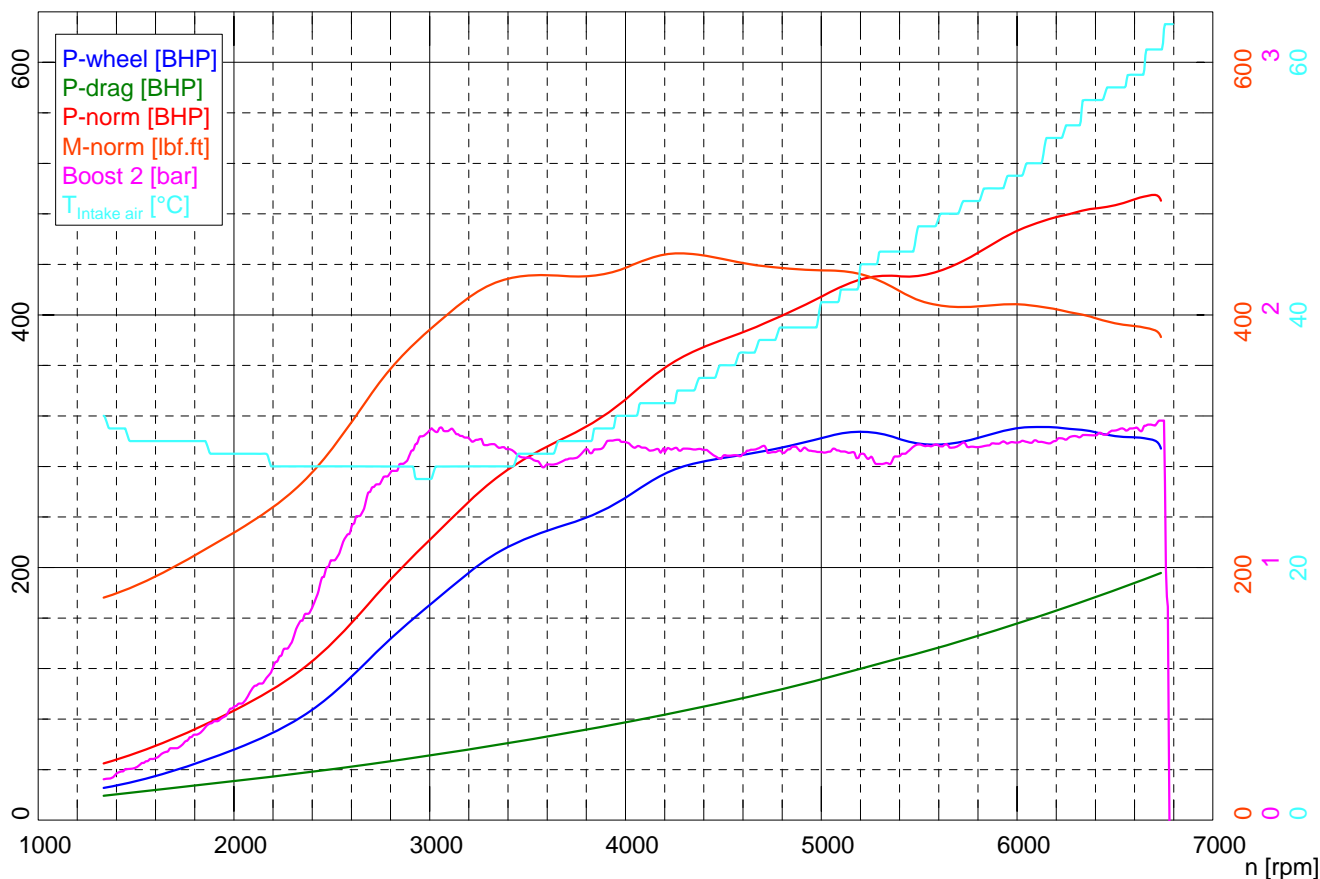
Vehicle type: AUDI RS4  
License plate: J5MGO  
Inspector: COOKSON

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

POWER RUN NO METH MED BOOST

Measurement date: 09.06.2012 (10:38)

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### Power data

Corrected power 1)  $P_{Norm}$  494.9 BHP / 369.1 kW  
Engine power  $P_{Eng}$  494.1 BHP / 368.5 kW  
Wheel power  $P_{Wheel}$  301.0 BHP / 224.5 kW  
Drag power  $P_{Drag}$  193.1 BHP / 144.0 kW  
Max. power at 6695 rpm / 144.6 mph  
Torque 1)  $M_{Norm}$  448.6 lb.ft  
Max. Torque at 4260 rpm / 92.1 mph  
Max. attained RPM 6735 rpm / 145.6 mph

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

### Ambient data

Ambient temperature  $T_{Ambient}$  20.9 °C  
Intake air temperature  $T_{Intake\ air}$  19.8 °C  
Relative humidity  $H_{Air}$  57.4 %  
Air pressure  $p_{Air}$  1011.0 hPa  
Steam pressure  $p_{Steam}$  14.2 hPa  
Oil temperature  $T_{Oil}$  19.0 °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