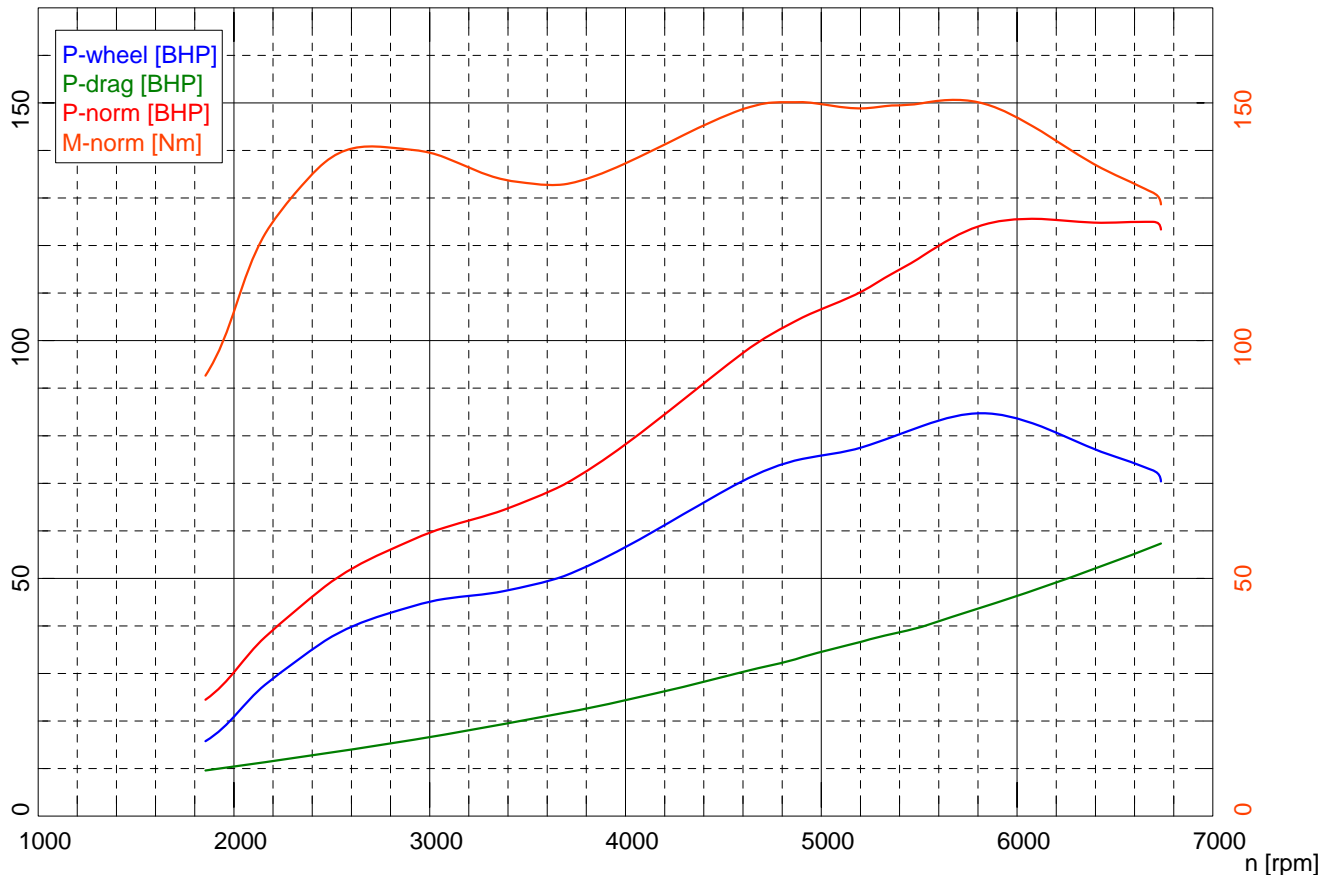


Vehicle type: MINI COOPER  
 License plate: T500ADY  
 Inspector: COOKSON

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

Measurement date: 18.03.2006 (10:51)

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**Power data**

Corrected power 1)  $P_{Norm}$  125.6 BHP / 92.4 kW  
 Engine power  $P_{Eng}$  130.0 BHP / 95.6 kW  
 Wheel power  $P_{Wheel}$  82.4 BHP / 60.6 kW  
 Drag power  $P_{Drag}$  47.6 BHP / 35.0 kW  
 Max. power at 6090 rpm / 164.4 km/h  
 Torque 1)  $M_{Norm}$  150.6 Nm  
 Max. Torque at 5680 rpm / 153.3 km/h  
 Max. attained RPM 6735 rpm / 181.9 km/h

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

**Ambient data**

Ambient temperature  $T_{Ambient}$  5.7 °C  
 Intake air temperature  $T_{Intake\ air}$  7.7 °C  
 Relative humidity  $H_{Air}$  55.7 %  
 Air pressure  $p_{Air}$  1026.0 hPa  
 Steam pressure  $p_{Steam}$  5.1 hPa  
 Oil temperature  $T_{Oil}$  6.0 °C  
 Fuel temperature  $T_{Fuel}$  ---- °C

**Slip**

Speed no load  $V_{no\ load}$  ---- km/h  
 RPM no load  $n_{no\ load}$  ---- rpm  
 Speed full load  $V_{full\ load}$  ---- km/h  
 RPM full load  $n_{full\ load}$  ---- rpm  
 Slip ---- %

**Rotating mass**

Average delay run down 1  $a_1$  ---- m/s<sup>2</sup>  
 Average Brake force run down 1  $F_1$  ---- N  
 Average delay run down 2  $a_2$  ---- m/s<sup>2</sup>  
 Average brake force run down 2  $F_2$  ---- N  
 Force of the rotating mass  $F_{rot-total}$  ---- N  
 Rotating total mass  $m_{rot-total}$  310.0 kg  
 Rotating test stand mass  $m_{rot-dyno}$  250.0 kg  
 Rotating vehicle mass  $m_{rot-vehicle}$  60.0 kg