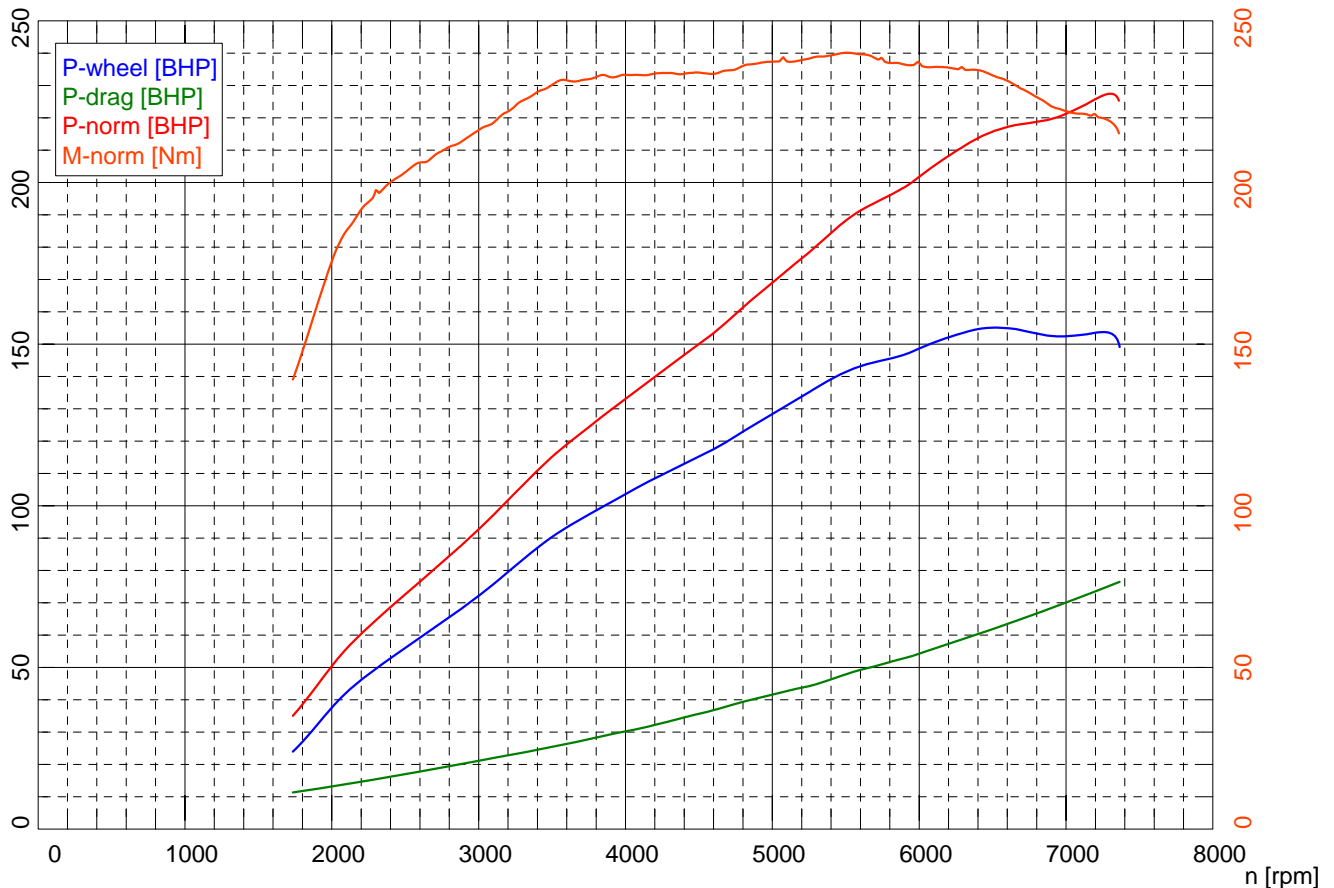


Vehicle type: MINI COOPER S  
 License plate: T500ELF  
 Inspector:

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

Measurement date: 03.03.2007 (11:06)

Page 1



**Power data**

Corrected power 1)	$P_{Norm}$	227.4 BHP / 167.2 kW
Engine power	$P_{Eng}$	228.7 BHP / 168.2 kW
Wheel power	$P_{Wheel}$	153.5 BHP / 112.9 kW
Drag power	$P_{Drag}$	75.2 BHP / 55.3 kW
Max. power at		7295 rpm / 210.6 km/h
Torque 1)	$M_{Norm}$	240.1 Nm
Max. Torque at		5505 rpm / 158.9 km/h
Max. attained RPM		7365 rpm / 212.7 km/h

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

**Ambient data**

Ambient temperature	$T_{Ambient}$	14.4 °C
Intake air temperature	$T_{Intake\ air}$	15.9 °C
Relative humidity	$H_{Air}$	63.0 %
Air pressure	$p_{Air}$	1011.6 hPa
Steam pressure	$p_{Steam}$	10.3 hPa
Oil temperature	$T_{Oil}$	13.0 °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