

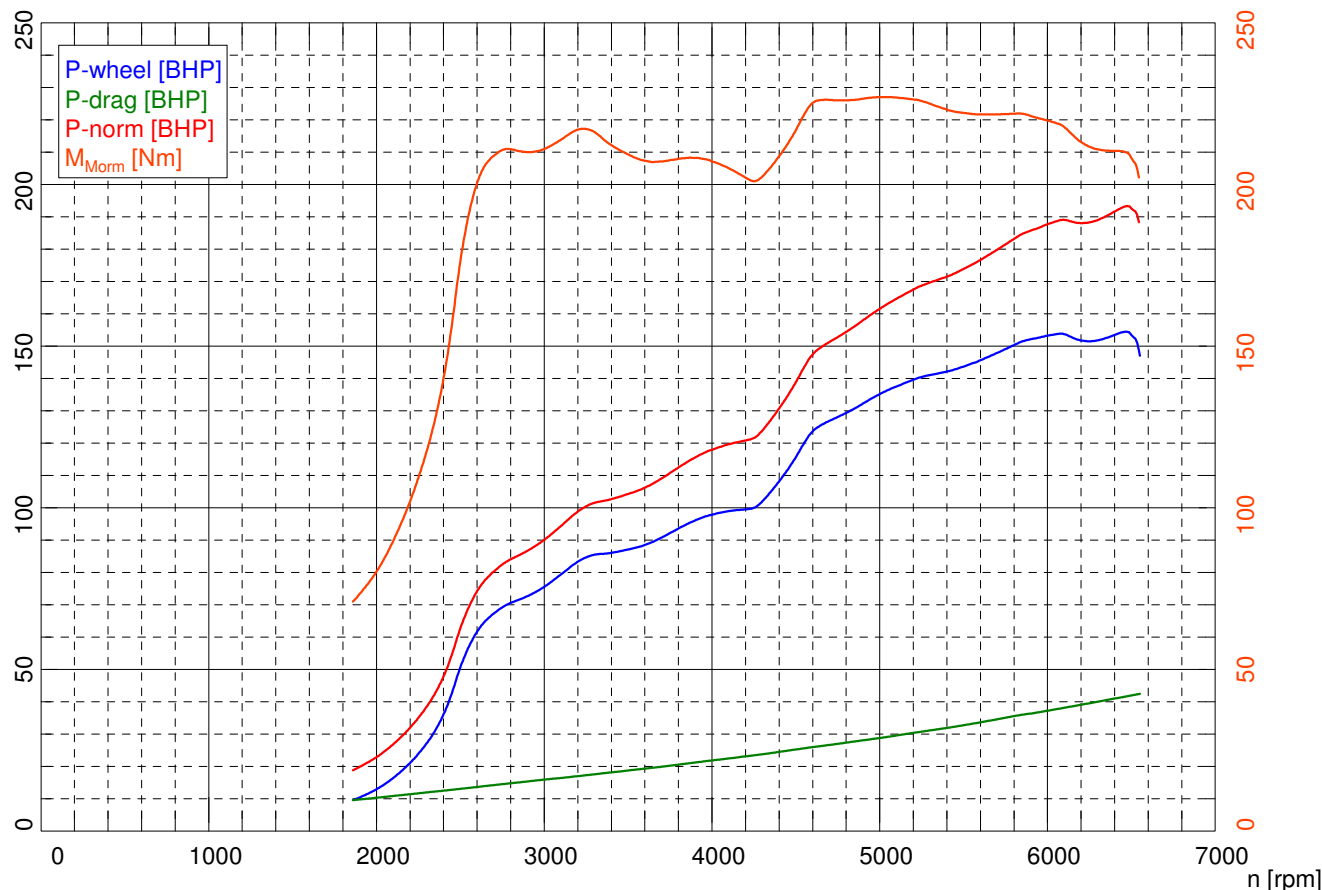
Vehicle type: MINI COOPER R52  
License plate: 34 K 7447  
Inspector: POWERSHOP

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

ALTA 17 PULLEY + JCW AIR FILTER + JCW INTERCOOLER + YAZILIM

Measurement date: 27.11.2012 (14:05)

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### Power data

Corrected power 1)	$P_{Norm}$	193,2 BHP / 142,1 kW
Engine power	$P_{Eng}$	196,0 BHP / 144,2 kW
Wheel power	$P_{Wheel}$	154,3 BHP / 113,5 kW
Drag power	$P_{Drag}$	41,7 BHP / 30,6 kW
Max. power at		6475 rpm / 169,2 km/h
Torque 1)	$M_{Mom}$	226,9 Nm
Max. Torque at		5040 rpm / 131,8 km/h
Max. attained RPM		6550 rpm / 171,3 km/h

1) Correction acc. to DIN 70020  
Correction factors:  $Q_v = 0,00\%$

### Ambient data

Ambient temperature	$T_{Ambient}$	17,7 °C
Intake air temperature	$T_{Intake\ air}$	9,6 °C
Relative humidity	$H_{Air}$	59,6 %
Air pressure	$p_{Air}$	1009,3 hPa
Steam pressure	$p_{Steam}$	12,1 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	$m_{rot-total}$	350,0 kg
Rotating test stand mass	$m_{rot-dyno}$	280,0 kg
Rotating vehicle mass	$m_{rot-vehicle}$	70,0 kg