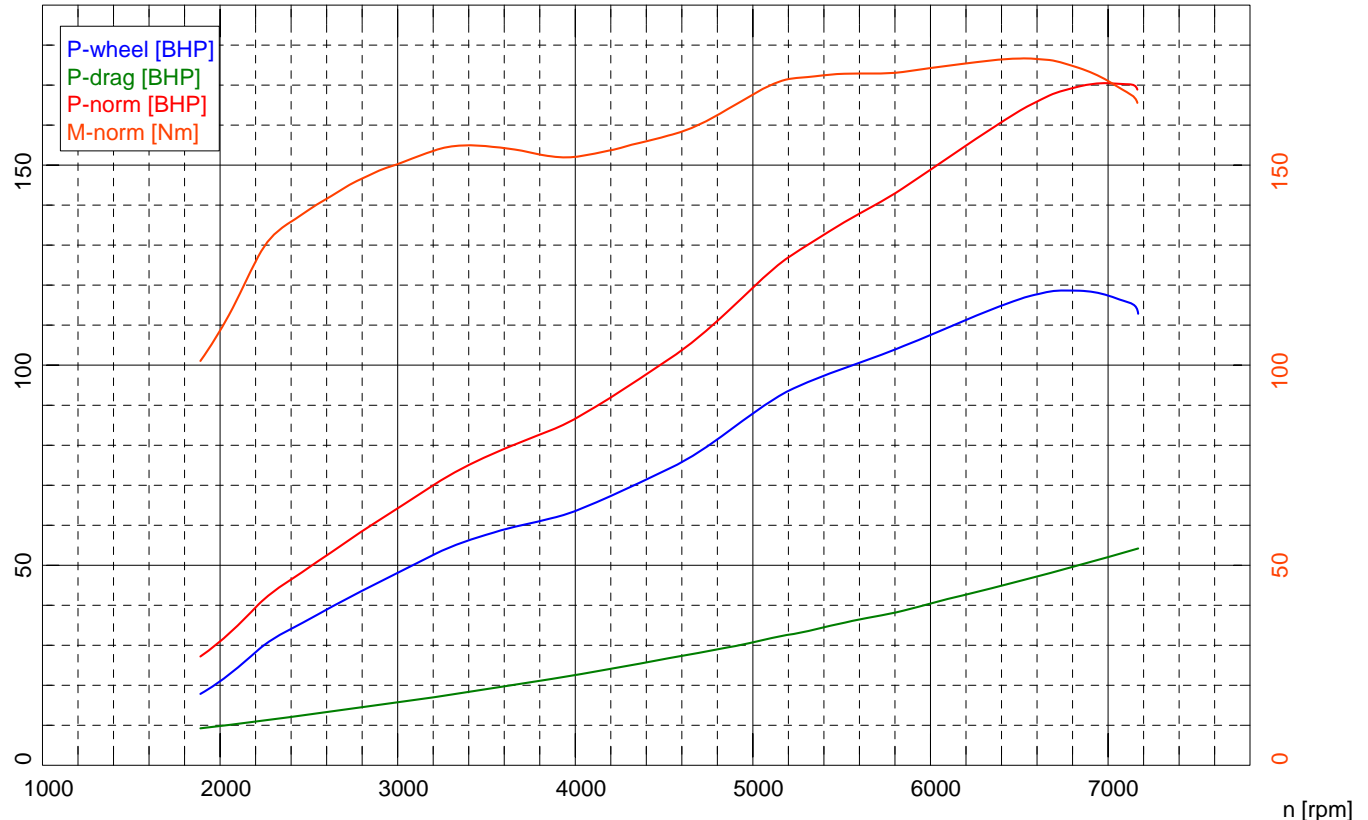


Vehicle type: 205 MI 16
 License plate: H4900KG
 Inspector: RICH

Otto-Motor / Turbo charger (air-cooled)
 Manual transmission
 Front drive

Measurement date: 27.05.2005 (11:46)

Page 1



Power data

Corrected power ¹⁾ P_{Norm} 170.4 BHP / 125.4 kW
 Engine power P_{Eng} 169.4 BHP / 124.6 kW
 Wheel power P_{Wheel} 117.6 BHP / 86.5 kW
 Drag power P_{Drag} 51.7 BHP / 38.1 kW
 Max. power at 6980 rpm / 184.8 km/h
 Torque ¹⁾ M_{Morm} 176.6 Nm
 Max. Torque at 6540 rpm / 173.2 km/h
 Max. attained RPM 7170 rpm / 189.9 km/h

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

Ambient data

Ambient temperature $T_{Ambient}$ 24.2 °C
 Intake air temperature $T_{Intake\ air}$ 24.2 °C
 Relative humidity H_{Air} 68.2 %
 Air pressure p_{Air} 1013.8 hPa
 Steam pressure p_{Steam} 20.6 hPa
 Oil temperature T_{Oil} 22.0 °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/s²
 Average Brake force run down 1 F_1 ---- N
 Average delay run down 2 a_2 ---- m/s²
 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