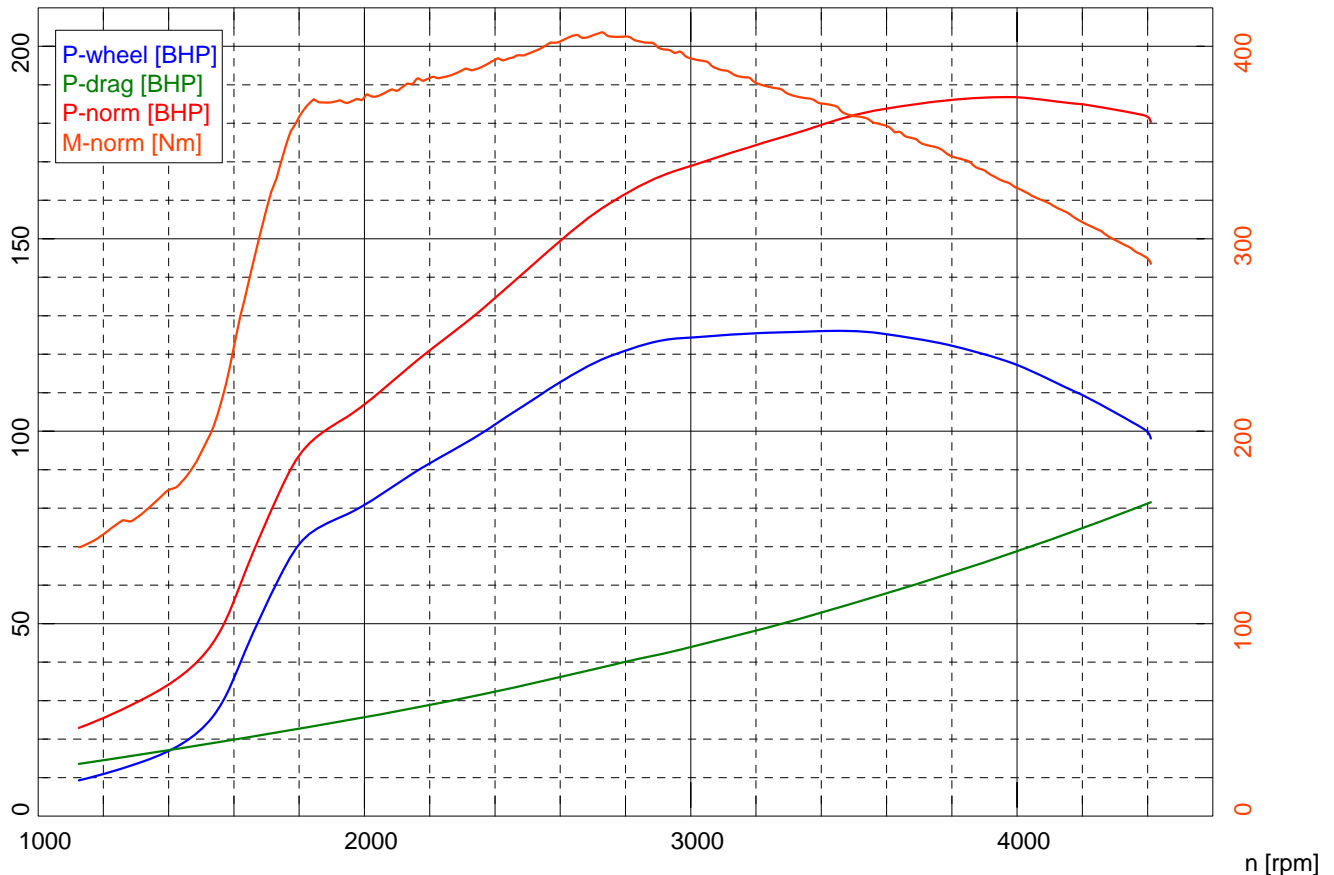


Vehicle type: GOLF TDI
 License plate: VIW3777
 Inspector:

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

Measurement date: 25.11.2006 (13:48)

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Power data

Corrected power 1) P_{Norm} 186.8 BHP / 137.4 kW
 Engine power P_{Eng} 186.0 BHP / 136.8 kW
 Wheel power P_{Wheel} 117.9 BHP / 86.7 kW
 Drag power P_{Drag} 68.1 BHP / 50.1 kW
 Max. power at 3980 rpm / 177.0 km/h
 Torque 1) M_{Norm} 407.2 Nm
 Max. Torque at 2730 rpm / 121.5 km/h
 Max. attained RPM 4410 rpm / 196.4 km/h

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

Ambient data

Ambient temperature $T_{Ambient}$ 15.7 °C
 Intake air temperature $T_{Intake\ air}$ 16.3 °C
 Relative humidity H_{Air} 65.5 %
 Air pressure p_{Air} 996.9 hPa
 Steam pressure p_{Steam} 11.7 hPa
 Oil temperature T_{Oil} 15.0 °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