

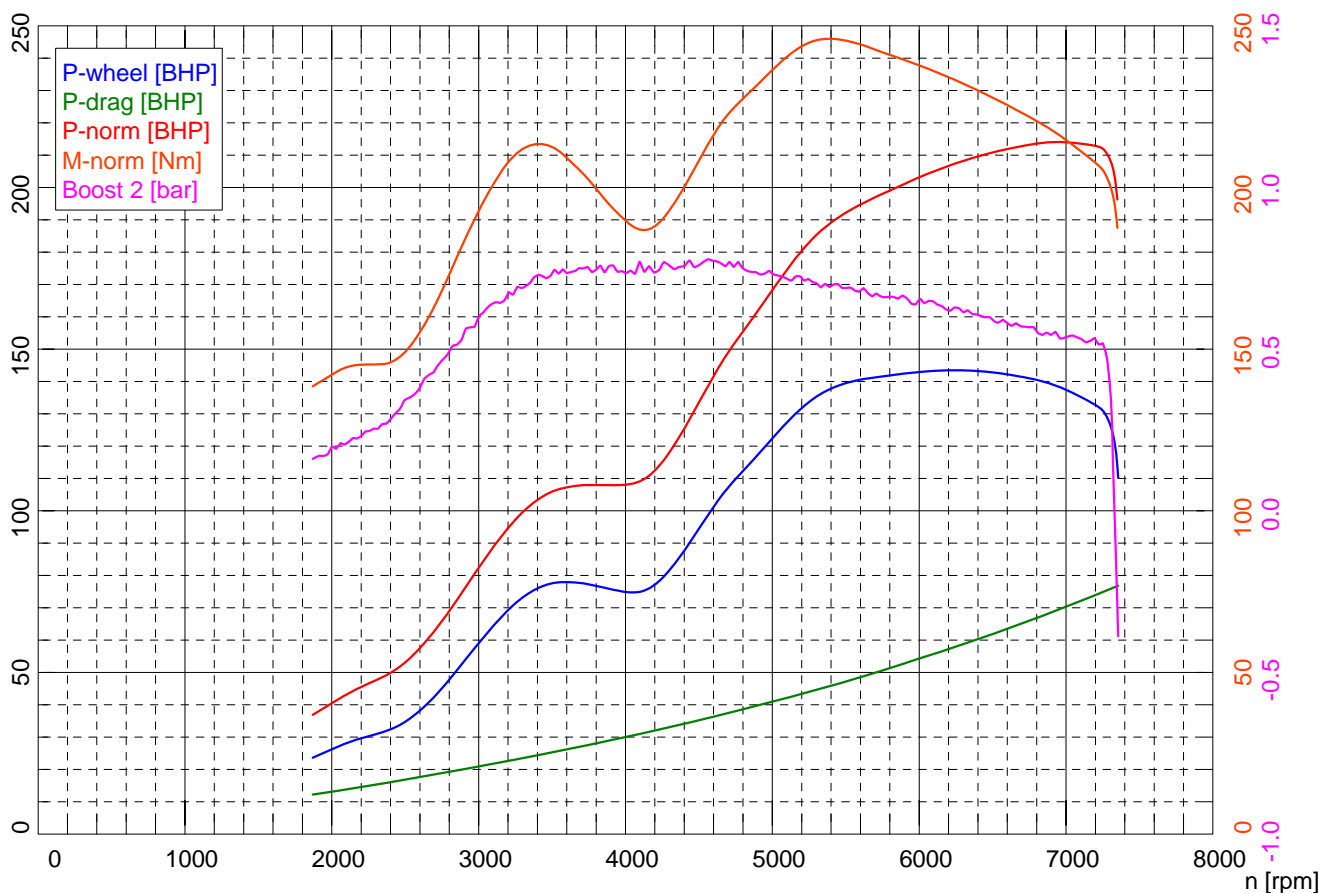
Vehicle type: NISSAN 200 SX
License plate: K106XJB
Inspector: COOKSON

Otto-Motor / Turbo charger (water-cooled)
Manual transmission
Rear drive

BEFORE MODS

Measurement date: 12.06.2006 (13:49)

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Power data

Corrected power ¹⁾ P_{Norm} 214.0 BHP / 157.4 kW
 Engine power P_{Eng} 207.7 BHP / 152.8 kW
 Wheel power P_{Wheel} 138.7 BHP / 102.0 kW
 Drag power P_{Drag} 69.1 BHP / 50.8 kW
 Max. power at 6930 rpm / 185.4 km/h
 Torque ¹⁾ M_{Norm} 245.9 Nm
 Max. Torque at 5390 rpm / 144.2 km/h
 Max. attained RPM 7355 rpm / 196.8 km/h

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

Ambient data

Ambient temperature $T_{Ambient}$ 25.9 °C
 Intake air temperature $T_{Intake\ air}$ 31.7 °C
 Relative humidity H_{Air} 66.8 %
 Air pressure p_{Air} 1002.6 hPa
 Steam pressure p_{Steam} 22.3 hPa
 Oil temperature T_{Oil} 26.0 °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