

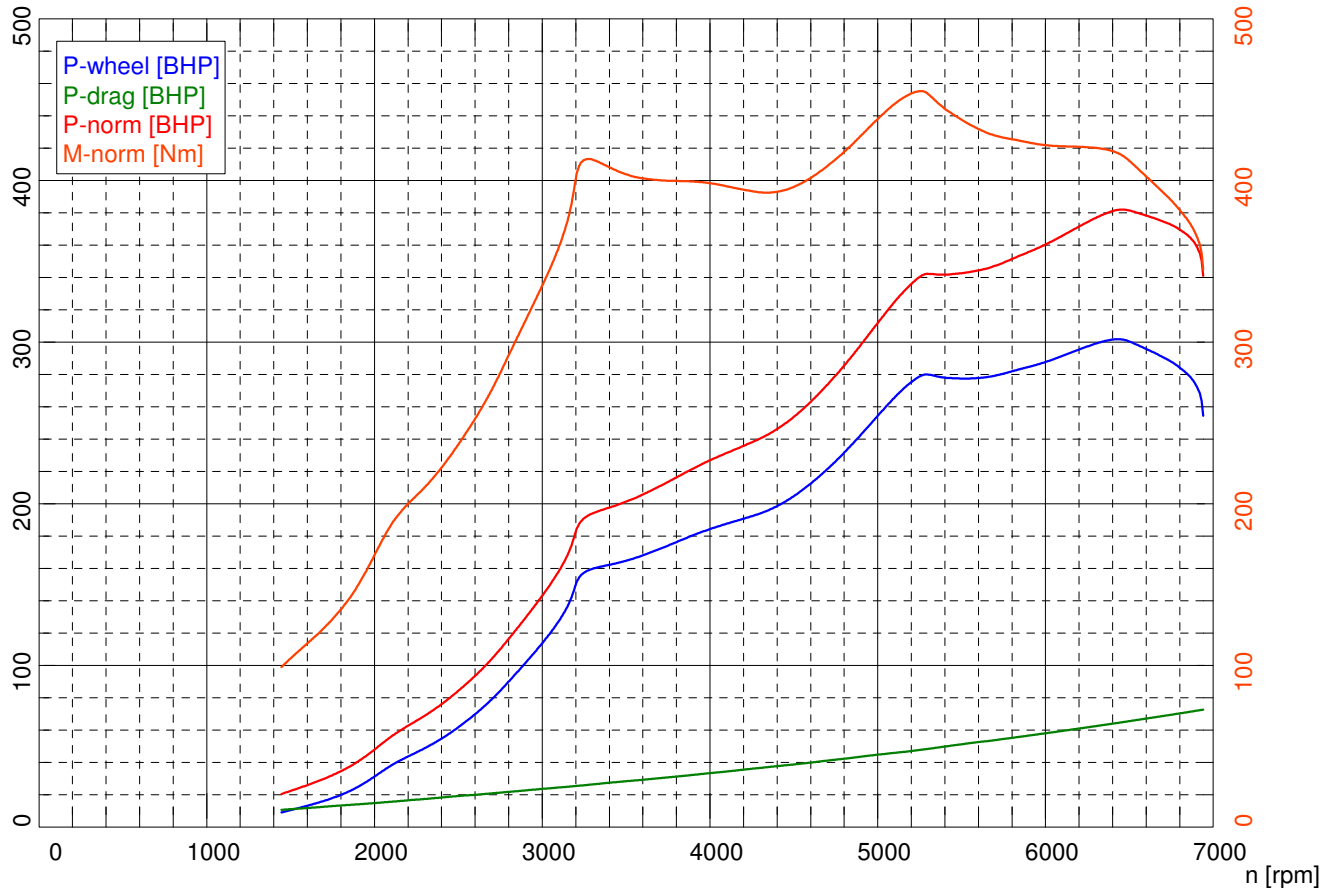
Vehicle type: Nissan RB25DET
 License plate: none
 Inspector: Nikolay Nikolov

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

O.E. Motorsport chip tuning

Measurement date: 25.07.2015 (12:52)

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Power data

Corrected power ¹⁾	P_{Norm}	381.8 BHP / 280.8 kW
Engine power	P_{Eng}	366.2 BHP / 269.3 kW
Wheel power	P_{Wheel}	301.4 BHP / 221.6 kW
Drag power	P_{Drag}	64.8 BHP / 47.7 kW
Max. power at		6460 rpm / 188.6 km/h
Torque ¹⁾	M_{Norm}	455.0 Nm
Max. Torque at		5255 rpm / 153.5 km/h
Max. attained RPM		6940 rpm / 202.7 km/h

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

Ambient data

Ambient temperature	$T_{Ambient}$	31.4 °C
Intake air temperature	$T_{Intake\ air}$	30.5 °C
Relative humidity	H_{Air}	39.5 %
Air pressure	p_{Air}	988.8 hPa
Steam pressure	p_{Steam}	18.1 hPa
Oil temperature	T_{Oil}	---- °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 ²
Average Brake force run down 1	F_1	---- N
Average delay run down 2	a_2	---- m/s ²
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