

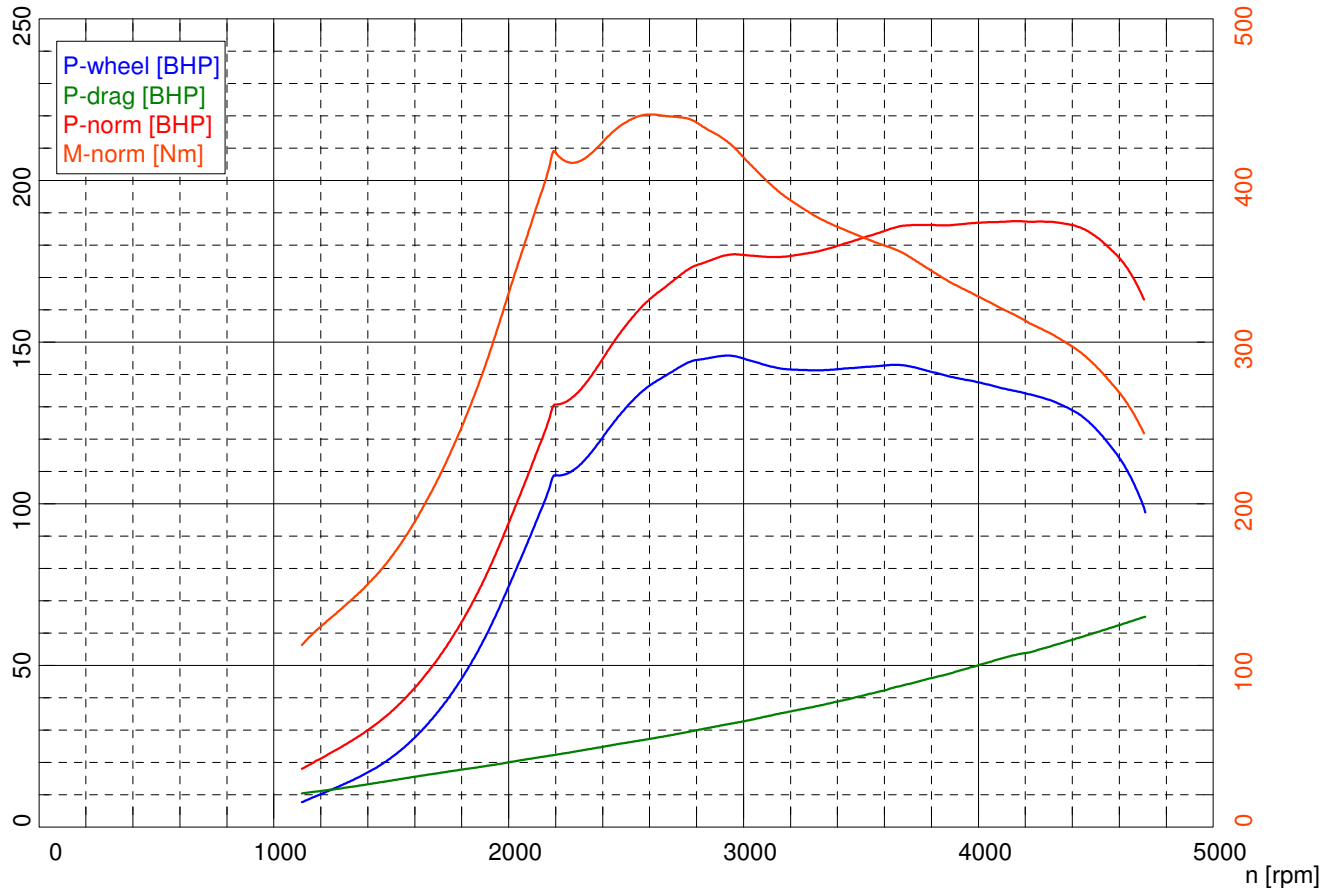
Vehicle type: Seat Ibiza 1.9TDI 130PD
 License plate: X8855BP
 Inspector: Nikolay Nikolov

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

Garret VNT20, FMIC, Open exhaust at 60mm

Measurement date: 04.04.2015 (11:18)

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Power data

Corrected power 1)	P_{Norm}	187.3 BHP / 137.8 kW
Engine power	P_{Eng}	188.0 BHP / 138.3 kW
Wheel power	P_{Wheel}	134.7 BHP / 99.1 kW
Drag power	P_{Drag}	53.3 BHP / 39.2 kW
Max. power at		4165 rpm / 174.0 km/h
Torque 1)	M_{Norm}	440.6 Nm
Max. Torque at		2605 rpm / 108.6 km/h
Max. attained RPM		4710 rpm / 196.9 km/h

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

Ambient data

Ambient temperature	$T_{Ambient}$	13.2 °C
Intake air temperature	$T_{Intake\ air}$	11.9 °C
Relative humidity	H_{Air}	41.6 %
Air pressure	p_{Air}	996.7 hPa
Steam pressure	p_{Steam}	6.3 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