

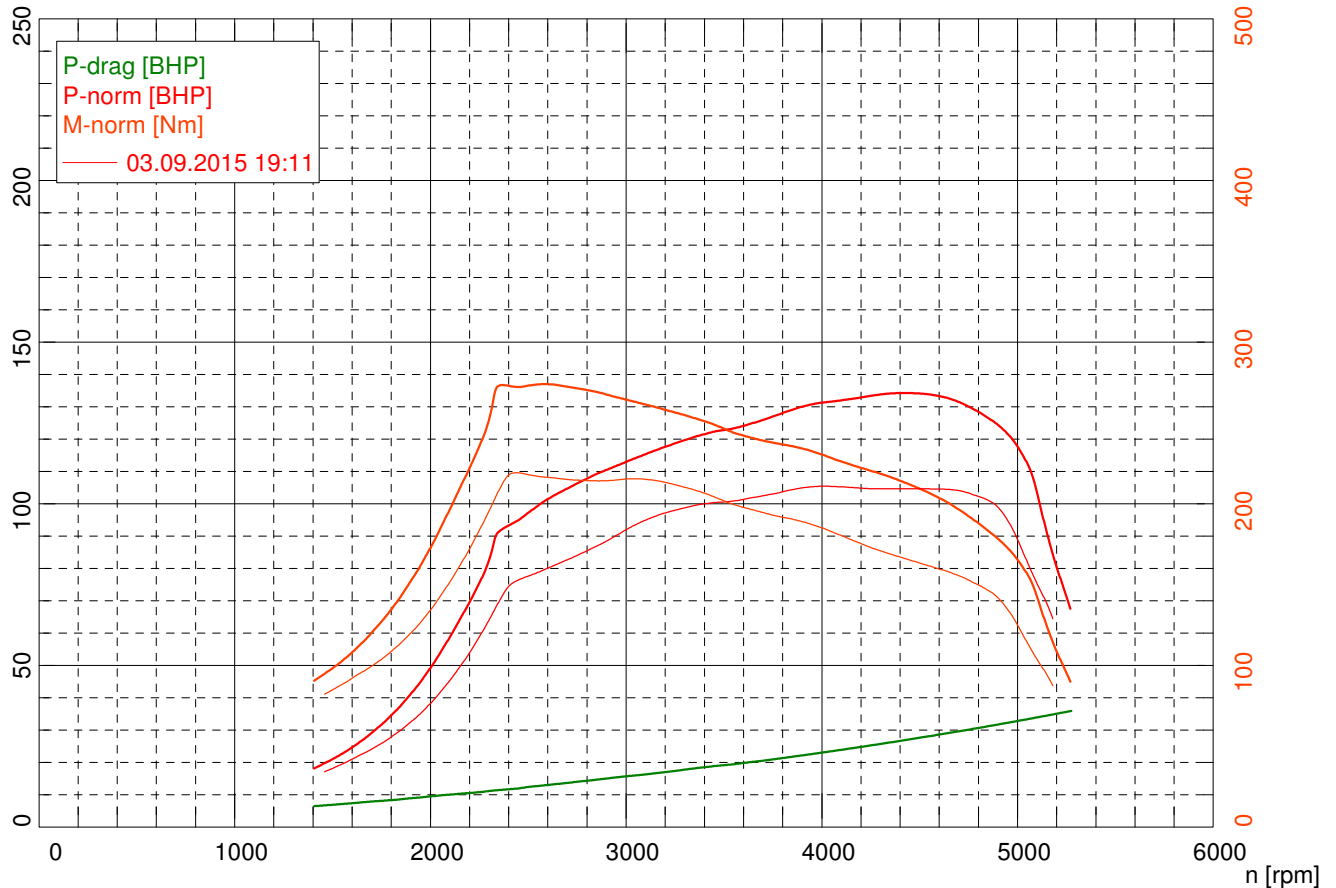
Vehicle type: Honda Civic 1.7CTDI
 License plate: BT9258BT
 Inspector: Nikolay Nikolov

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

Chip Tuned

Measurement date: 03.09.2015 (20:46)

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Power data		Ambient data	
Corrected power 1)	P_{Norm} 134.1 BHP / 98.7 kW	Ambient temperature	$T_{Ambient}$ 31.0 °C
Engine power	P_{Eng} 130.2 BHP / 95.8 kW	Intake air temperature	$T_{Intake\ air}$ 28.7 °C
Wheel power	P_{Wheel} 103.4 BHP / 76.0 kW	Relative humidity	H_{Air} 46.9 %
Drag power	P_{Drag} 26.8 BHP / 19.7 kW	Air pressure	p_{Air} 989.4 hPa
Max. power at	4425 rpm / 145.9 km/h	Steam pressure	p_{Steam} 21.1 hPa
Torque 1)	M_{Norm} 273.9 Nm	Oil temperature	T_{Oil} ---- °C
Max. Torque at	2580 rpm / 85.0 km/h	Fuel temperature	T_{Fuel} ---- °C
Max. attained RPM	5275 rpm / 174.1 km/h		
1) Correction acc. to DIN 70020 Correction factors: $Q_v = 0.00\%$			

Slip		Rotating mass	
Speed no load	$V_{no\ load}$ ---- km/h	Average delay run down 1	a_1 ---- m/s ²
RPM no load	$n_{no\ load}$ ---- rpm	Average Brake force run down 1	F_1 ---- N
Speed full load	$V_{full\ load}$ ---- km/h	Average delay run down 2	a_2 ---- m/s ²
RPM full load	$n_{full\ load}$ ---- rpm	Average brake force run down 2	F_2 ---- N
Slip	---- %	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