

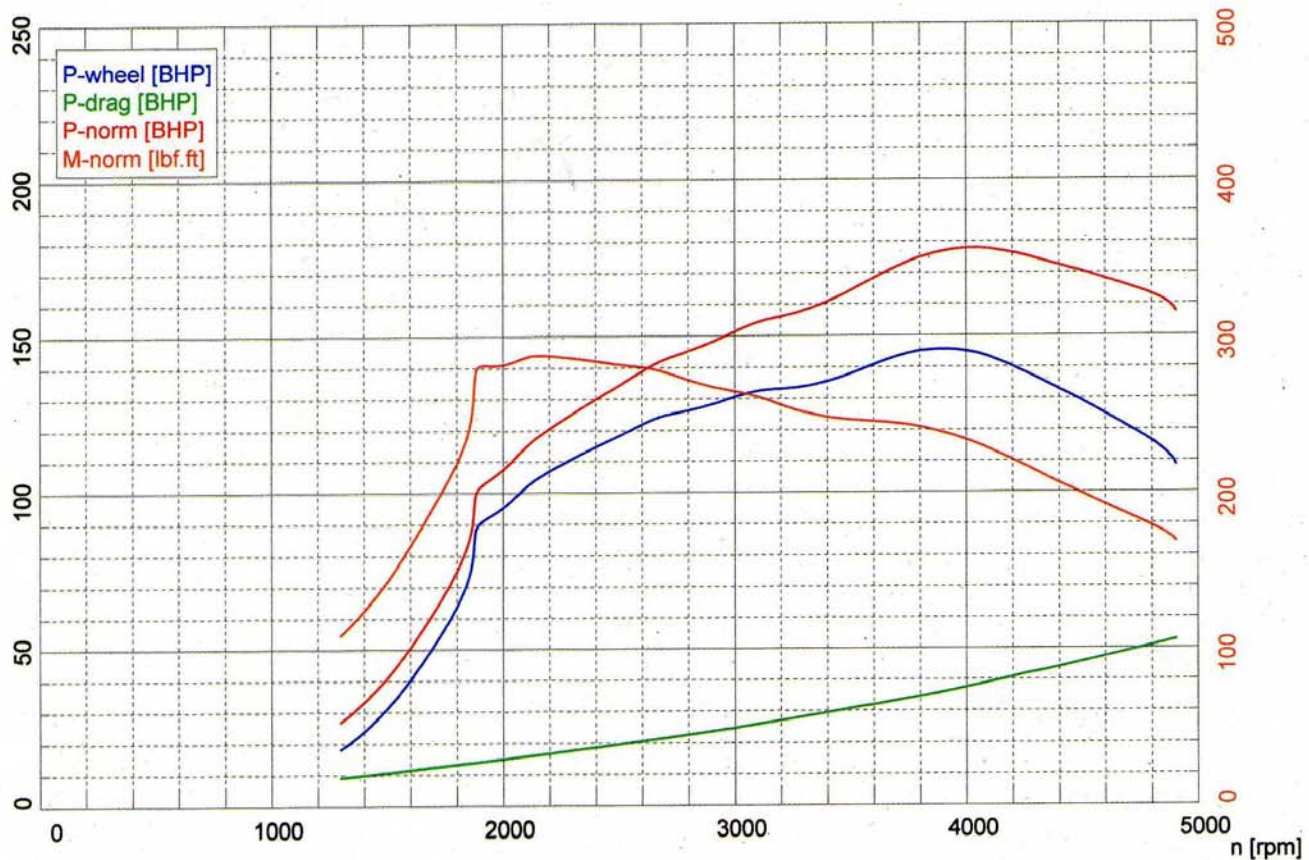
Vehicle type: passat 130
License plate:
Inspector:

Diesel-Motor / Turbo charger (water-cooled)
Manual transmission
Front drive

MOD-

Measurement date:

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Power data

Corrected power 1)	P_{Norm}	178.0 BHP / 132.7 kW
Engine power	P_{Eng}	182.5 BHP / 136.1 kW
Wheel power	P_{Wheel}	144.5 BHP / 107.7 kW
Drag power	P_{Drag}	38.1 BHP / 28.4 kW
Max. power at		4040 rpm / 92.4 mph
Torque 1)	M_{Morm}	288.4 lbf.ft
Max. Torque at		2160 rpm / 49.4 mph
Max. attained RPM		4905 rpm / 112.3 mph

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

Ambient data

Ambient temperature	$T_{Ambient}$	16.3 °C
Intake air temperature	$T_{Intake\ air}$	12.1 °C
Relative humidity	H_{Air}	51.7 %
Air pressure	P_{Air}	1031.3 hPa
Steam pressure	P_{Steam}	9.6 hPa
Oil temperature	T_{Oil}	12.0 °C
Fuel temperature	T_{Fuel}	--- °C

Slip

Speed no load	$V_{no\ load}$	--- mph
RPM no load	$n_{no\ load}$	--- rpm
Speed full load	$V_{full\ load}$	--- mph
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	--- lbf
Average delay run down 2	a_2	--- m/s ²
Average brake force run down 2	F_2	--- lbf
Force of the rotating mass	$F_{rot-total}$	--- lbf
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