



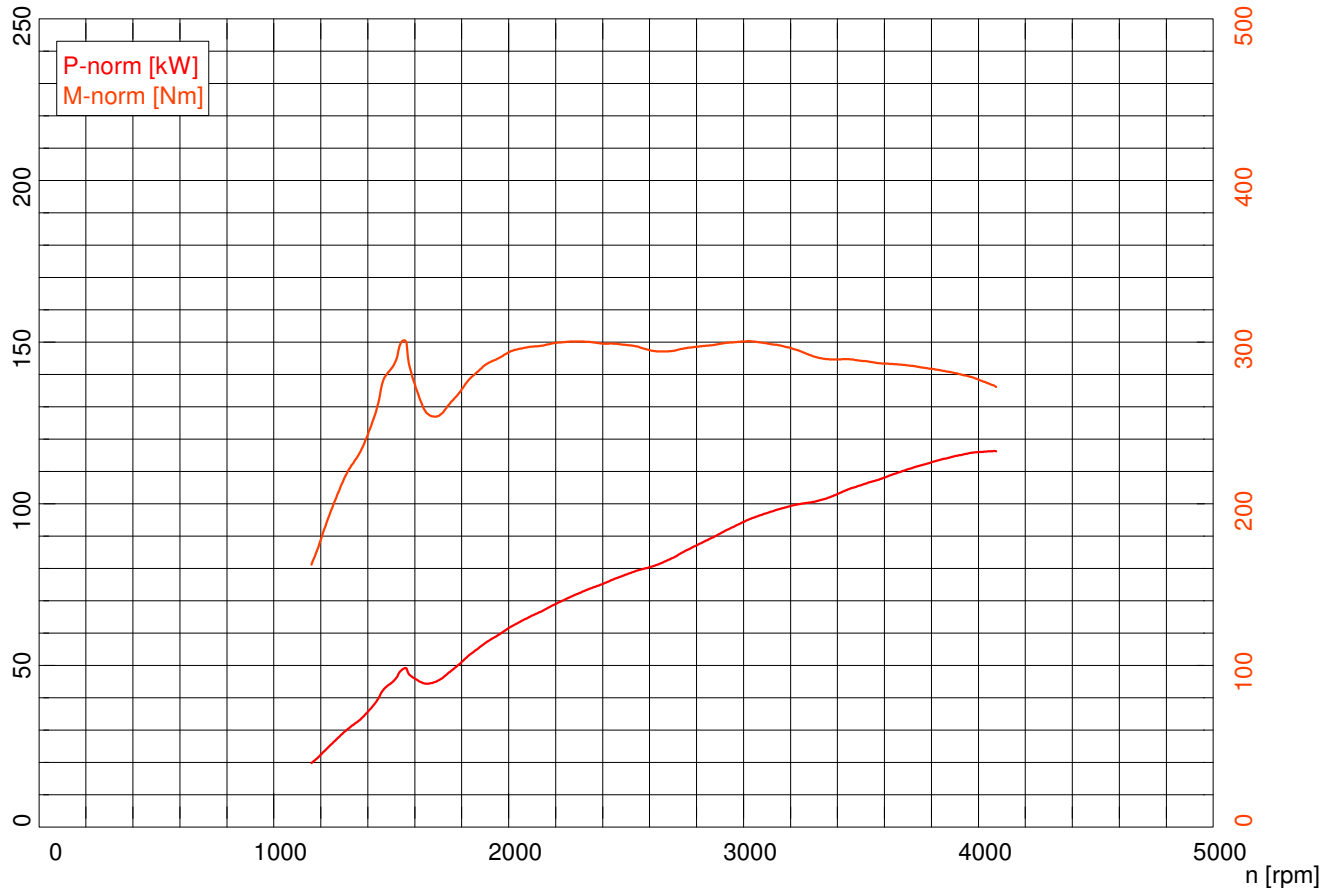
Vehicle type: seat altea 1.9 tdi  
License plate:  
Inspector: jankovic

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

41351km

Measurement date: 19.01.2010 (13:25)

Page 1



**Power data**

Corrected power 1)	$P_{Norm}$	116,2 kW / 158,0 BHP
Engine power	$P_{Eng}$	119,7 kW / 162,7 BHP
Wheel power	$P_{Wheel}$	89,0 kW / 121,1 BHP
Drag power	$P_{Drag}$	30,6 kW / 41,6 BHP
Max. power at		4070 rpm / 175,6 km/h
Torque 1)	$M_{Norm}$	301,0 Nm
Max. Torque at		1555 rpm / 67,1 km/h
Max. attained RPM		4080 rpm / 176,0 km/h

1) Correction acc. to EWG 80/1269 ( $f_m = 0,30$ )  
Correction factors:  $Q_v = 0,00$  %

**Ambient data**

Ambient temperature	$T_{Ambient}$	13,3 °C
Intake air temperature	$T_{Intake\ air}$	8,1 °C
Relative humidity	$H_{Air}$	50,8 %
Air pressure	$p_{Air}$	1011,2 hPa
Steam pressure	$p_{Steam}$	7,8 hPa
Oil temperature	$T_{Oil}$	94,0 °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/s <sup>2</sup>
Average Brake force run down 1	$F_1$	----, N
Average delay run down 2	$a_2$	----, m/s <sup>2</sup>
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