

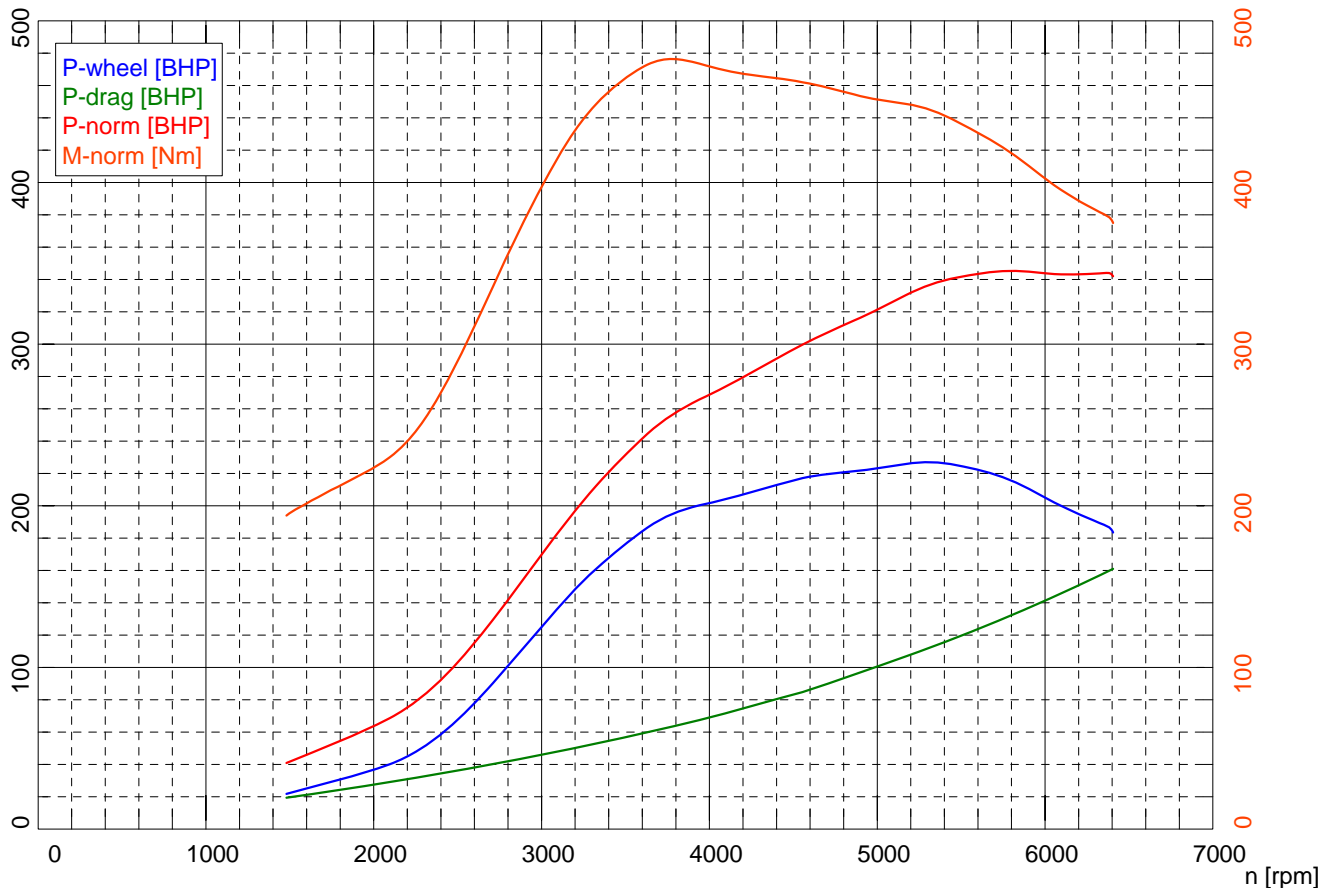
Vehicle type: IMPREZA 2.5 STi
 License plate:
 Inspector: RICH

Otto-Motor / Turbo charger (water-cooled)
 Manual transmission
 4 wheel drive

MILLTEK, ECUTEK, FILTER

Measurement date: 01.12.2006 (15:20)

Page 1



Power data

Corrected power 1)	P_{Norm}	345.1 BHP / 253.8 kW
Engine power	P_{Eng}	347.6 BHP / 255.7 kW
Wheel power	P_{Wheel}	216.0 BHP / 158.9 kW
Drag power	P_{Drag}	131.6 BHP / 96.8 kW
Max. power at		5785 rpm / 195.8 km/h
Torque 1)	M_{Norm}	476.3 Nm
Max. Torque at		3775 rpm / 127.8 km/h
Max. attained RPM		6405 rpm / 216.9 km/h

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

Ambient data

Ambient temperature	$T_{Ambient}$	16.7 °C
Intake air temperature	$T_{Intake\ air}$	17.5 °C
Relative humidity	H_{Air}	68.8 %
Air pressure	p_{Air}	1016.0 hPa
Steam pressure	p_{Steam}	13.1 hPa
Oil temperature	T_{Oil}	15.0 °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

a_{1-FA}	---. m/s ²	a_{1-RA}	---. m/s ²
F_{1-FA}	----. N	F_{1-RA}	----. N
a_{2-FA}	---. m/s ²	a_{2-RA}	---. m/s ²
F_{2-FA}	----. N	F_{2-RA}	----. N
$F_{rot-total-FA}$	----. N	$F_{rot-total-RA}$	----. N
$m_{rot-total-FA}$	310.0 kg	$m_{rot-total-RA}$	310.0 kg
$m_{rot-dyno-FA}$	250.0 kg	$m_{rot-dyno-RA}$	250.0 kg
$m_{rot-vehicle-FA}$	60.0 kg	$m_{rot-vehicle-RA}$	60.0 kg