

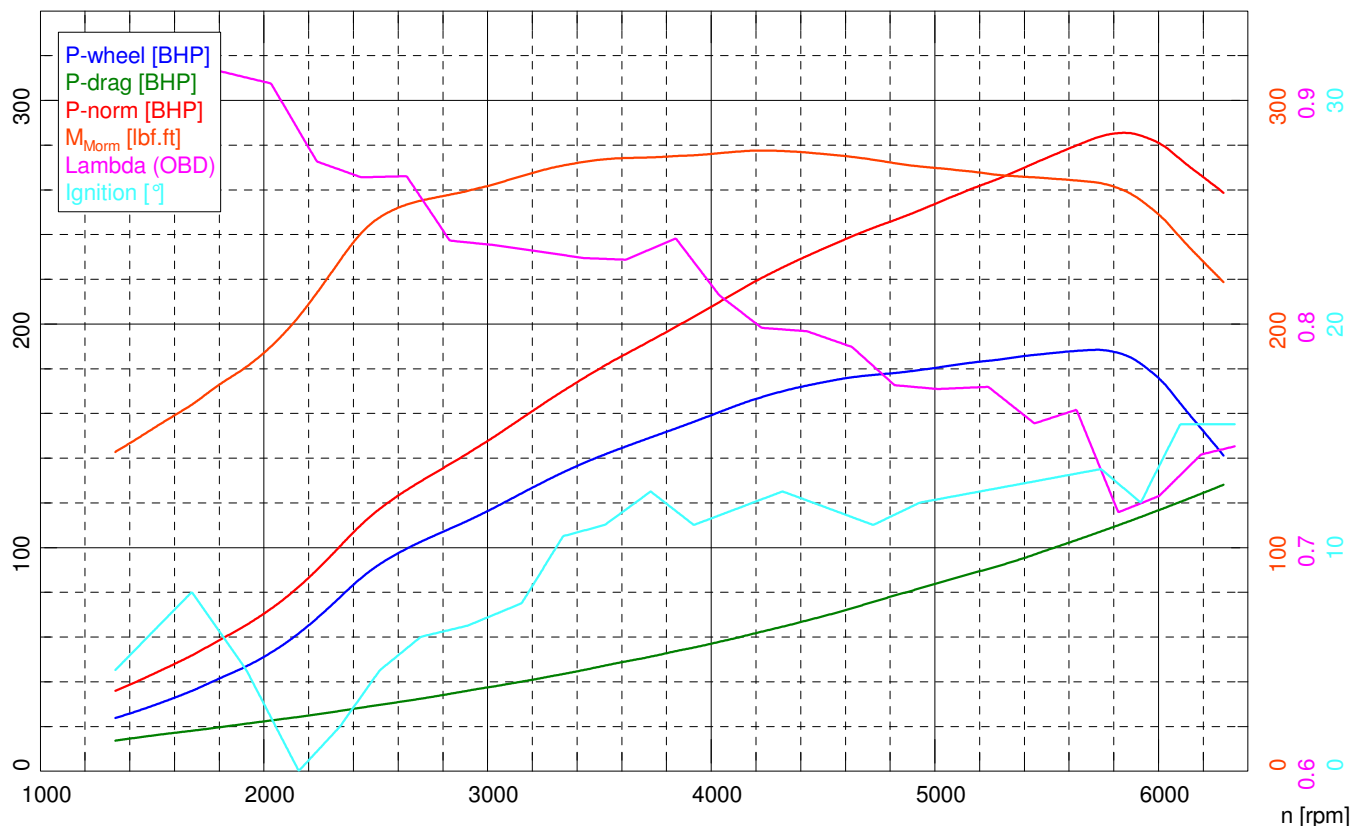
Vehicle type: AUDI S3
License plate: S3AXH
Inspector: COOKSON

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

POWER RUN, FORGE INTAKE, TURBO BACK 100 CELL MILLTEK, REVO STAGE 2

Measurement date: 07.02.2015 (11:13)

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Power data

Corrected power ¹⁾ P_{Norm} 285.3 BHP / 212.8 kW
Engine power P_{Eng} 297.0 BHP / 221.4 kW
Wheel power P_{Wheel} 186.2 BHP / 138.8 kW
Drag power P_{Drag} 110.8 BHP / 82.6 kW
Max. power at 5775 rpm / 122.8 mph
Torque ¹⁾ M_{Mom} 277.4 lb.ft
Max. Torque at 4190 rpm / 89.0 mph
Max. attained RPM 6290 rpm / 132.2 mph

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

Ambient data

Ambient temperature $T_{Ambient}$ 6.8 °C
Intake air temperature $T_{Intake\ air}$ 8.1 °C
Relative humidity H_{Air} 61.5 %
Air pressure p_{Air} 1032.6 hPa
Steam pressure p_{Steam} 6.1 hPa
Oil temperature T_{Oil} 7.0 °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

a_{1-FA} ---- m/s² a_{1-RA} ---- m/s²
 F_{1-FA} ---- lbf F_{1-RA} ---- lbf
 a_{2-FA} ---- m/s² a_{2-RA} ---- m/s²
 F_{2-FA} ---- lbf F_{2-RA} ---- lbf
 $F_{rot-total-FA}$ ---- lbf $F_{rot-total-RA}$ ---- lbf
 $m_{rot-total-FA}$ 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