



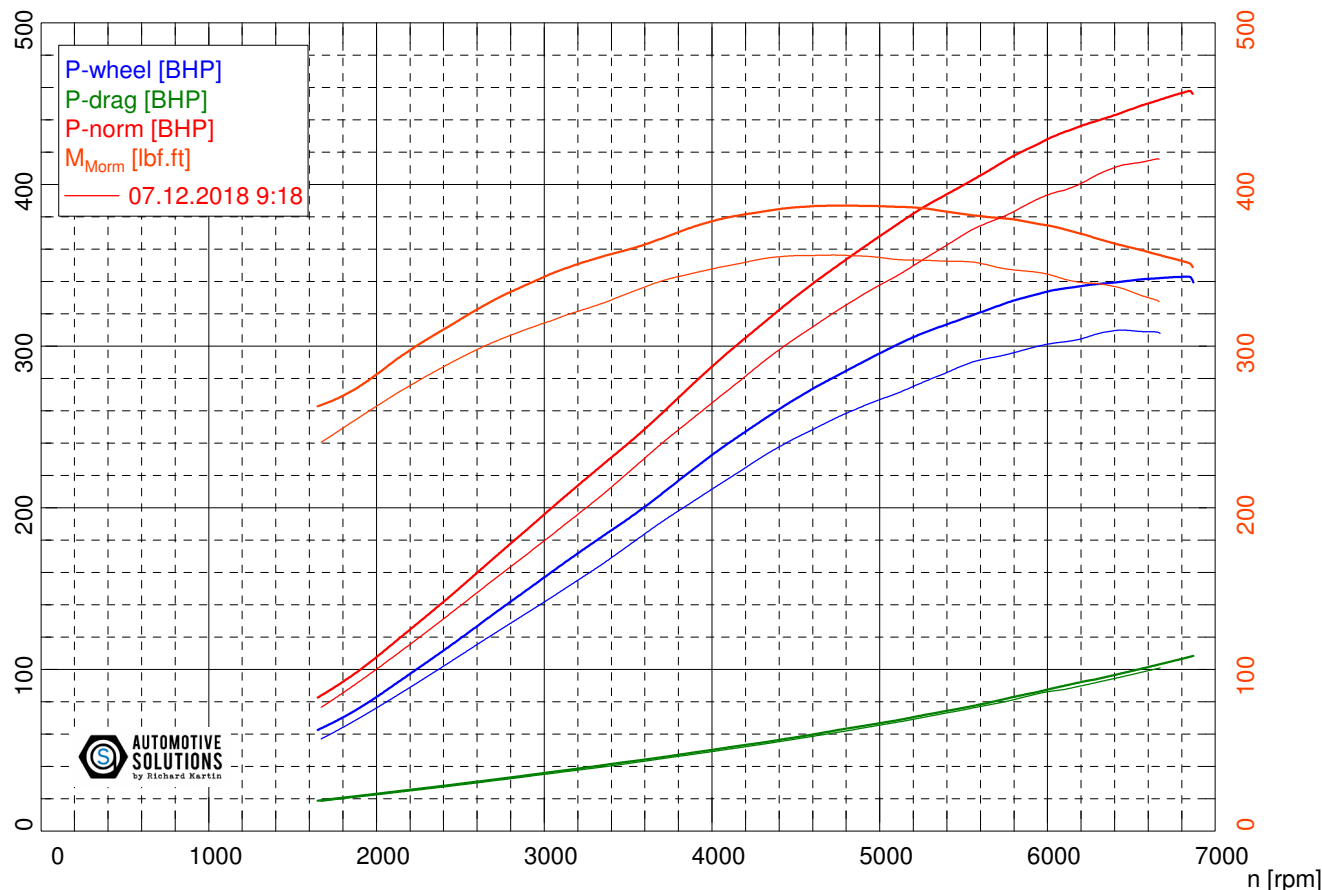
Vehicle type: Audi S4 3.0Tfsi
License plate: K15WTH
Inspector: RM

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

STAGE 2

Measurement date: 07.12.2018 (14:09)

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Power data

Corrected power ¹⁾ P_{Norm} 457,7 BHP / 341,3 kW
Engine power P_{Eng} 450,4 BHP / 335,9 kW
Wheel power P_{Wheel} 342,7 BHP / 255,6 kW
Drag power P_{Drag} 107,7 BHP / 80,3 kW
Max. power at 6850 rpm / 123,5 mph
Torque ¹⁾ M_{Mom} 386,7 lbf.ft
Max. Torque at 4805 rpm / 86,7 mph
Max. attained RPM 6870 rpm / 123,9 mph

¹⁾ Correction acc. to DIN 70020
Correction factors: $Q_v = 0,00 \%$

Ambient data

Ambient temperature $T_{Ambient}$ 10,3 °C
Intake air temperature $T_{Intake\ air}$ 5,4 °C
Relative humidity H_{Air} 57,9 %
Air pressure p_{Air} 971,7 hPa
Steam pressure p_{Steam} 7,3 hPa
Oil temperature T_{Oil} ---, °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/s ²	a_{1-RA} ---, m/s ²
F_{1-FA} ---, lbf	F_{1-RA} ---, lbf
a_{2-FA} ---, m/s ²	a_{2-RA} ---, m/s ²
F_{2-FA} ---, lbf	F_{2-RA} ---, lbf
$F_{rot-total-FA}$ ---, lbf	$F_{rot-total-RA}$ ---, lbf
$m_{rot-total-FA}$ 727,5 lb	$m_{rot-total-RA}$ 727,5 lb
$m_{rot-dyno-FA}$ 617,3 lb	$m_{rot-dyno-RA}$ 617,3 lb
$m_{rot-vehicle-FA}$ 110,2 lb	$m_{rot-vehicle-RA}$ 110,2 lb