

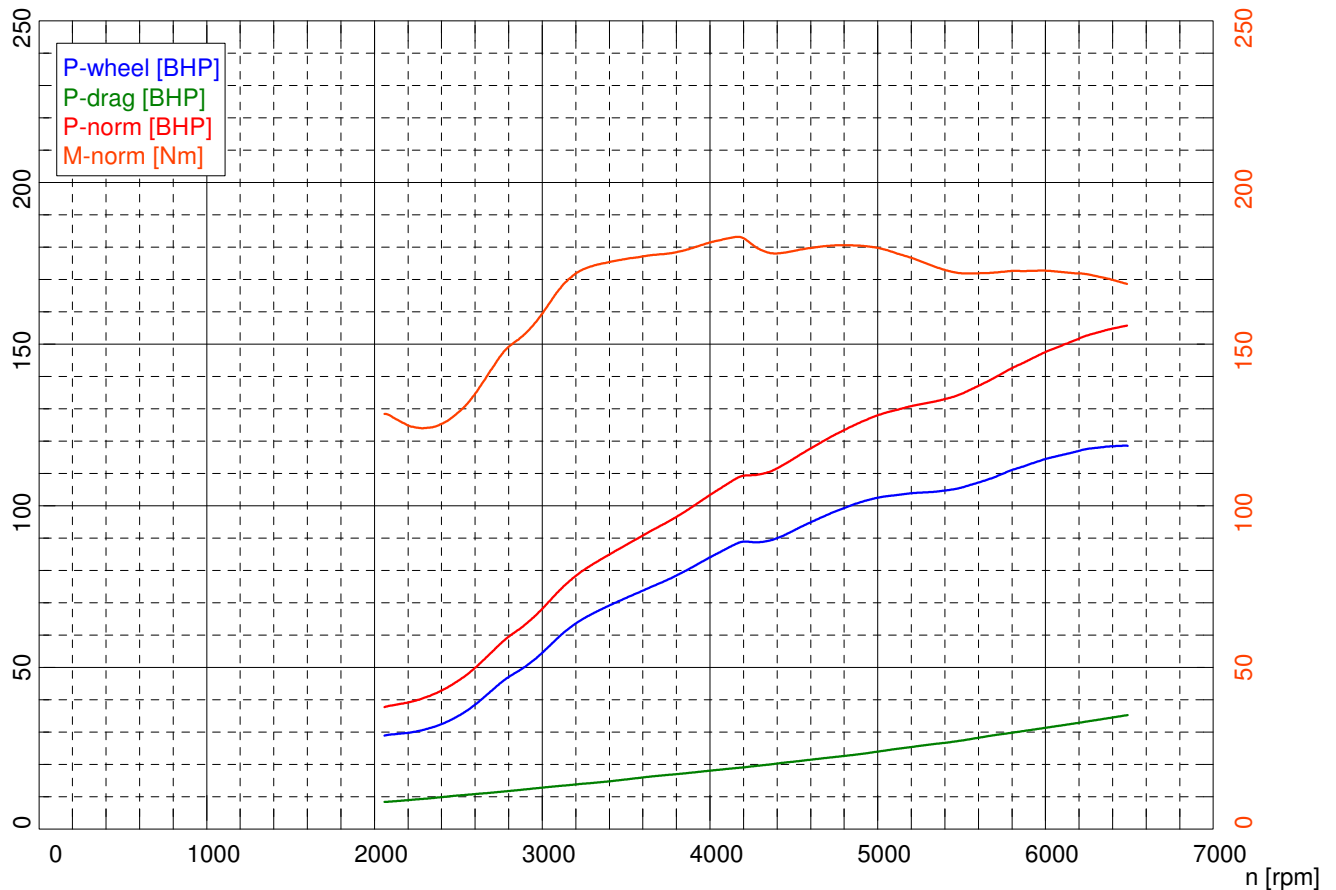
Vehicle type: Alfa Romeo 156 2.0TS
 License plate: BT8185BB
 Inspector: Nikolay Nikolov

Otto-Motor / No or mechanical charger
 Manual transmission

CatCams 511*, 5kg flywheel, open exhaust

Measurement date: 28.03.2015 (19:11)

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Power data

| | | |
|--------------------|-------------|-----------------------|
| Corrected power 1) | P_{Norm} | 155.6 BHP / 114.4 kW |
| Engine power | P_{Eng} | 153.7 BHP / 113.0 kW |
| Wheel power | P_{Wheel} | 118.5 BHP / 87.2 kW |
| Drag power | P_{Drag} | 35.2 BHP / 25.9 kW |
| Max. power at | | 6490 rpm / 155.4 km/h |
| Torque 1) | M_{Norm} | 183.1 Nm |
| Max. Torque at | | 4170 rpm / 99.9 km/h |
| Max. attained RPM | | 6490 rpm / 155.6 km/h |

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

Ambient data

| | | |
|------------------------|-------------------|-----------|
| Ambient temperature | $T_{Ambient}$ | 14.2 °C |
| Intake air temperature | $T_{Intake\ air}$ | 12.1 °C |
| Relative humidity | H_{Air} | 72.2 % |
| Air pressure | p_{Air} | 986.9 hPa |
| Steam pressure | p_{Steam} | 11.7 hPa |
| Oil temperature | T_{Oil} | ---- °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 ² |
| Average Brake force run down 1 | F_1 | ---- N |
| Average delay run down 2 | a_2 | ---- m/s ² |
| 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 |