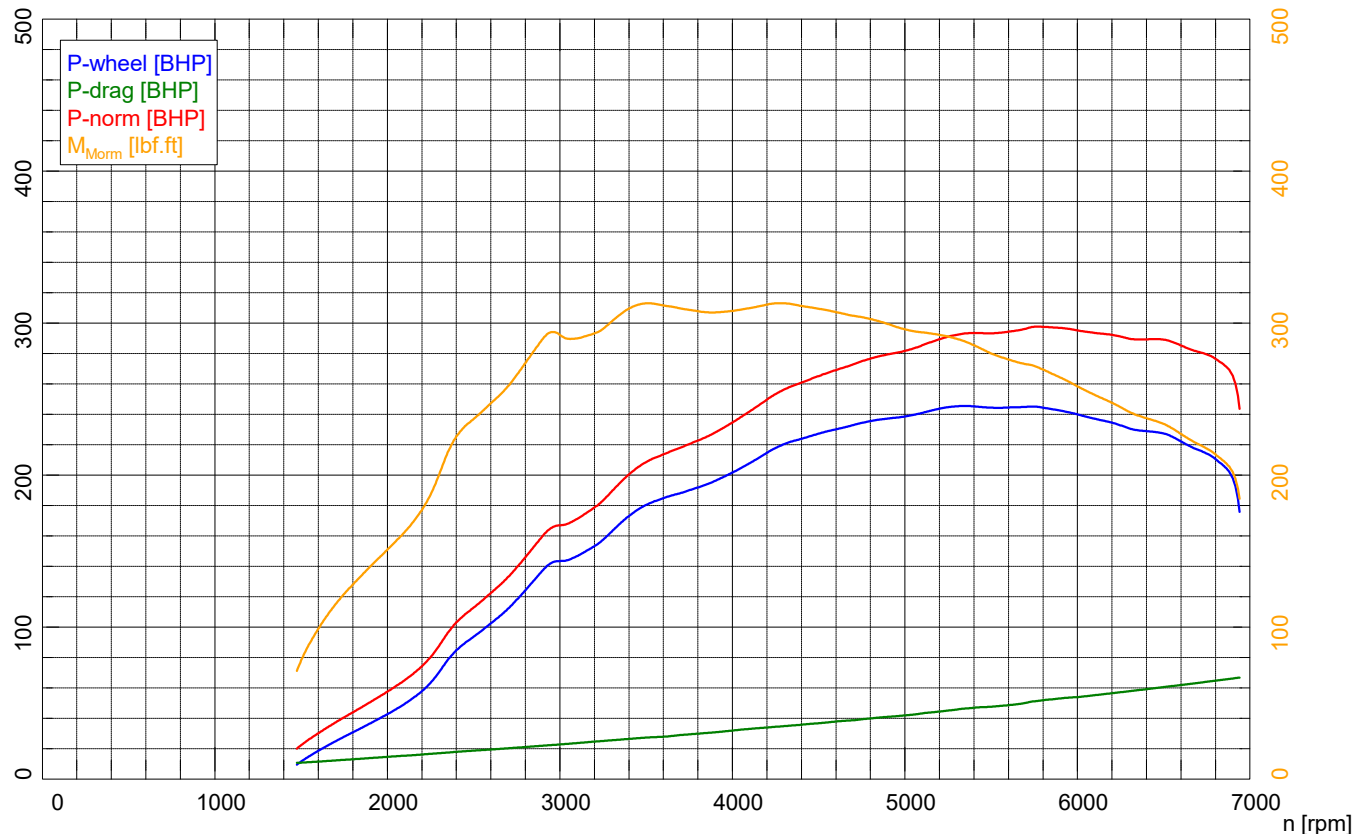


Vehicle type: VW GOLF GTI MK7
License plate: TEGIWA
Inspector: MATT

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

STOCK



Power data

Corrected power ¹⁾	P_{Norm}	297.4 BHP	/	221.8 kW
Engine power	P_{Eng}	296.0 BHP	/	220.8 kW
Wheel power	P_{Wheel}	244.6 BHP	/	182.4 kW
Drag power	P_{Drag}	51.4 BHP	/	38.3 kW
Max. power at		5780 rpm	/	114.4 mph
Torque ¹⁾	M_{Mom}	312.9 lb.ft		
Max. Torque at		4270 rpm	/	84.6 mph
Max. attained RPM		6940 rpm	/	137.5 mph

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

Ambient data

Ambient temperature	$T_{Ambient}$	11.1 °C
Intake air temperature	$T_{Intake\ air}$	11.4 °C
Relative humidity	H_{Air}	52.1 %
Air pressure	p_{Air}	993.4 hPa
Steam pressure	p_{Steam}	6.9 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

Average delay run down 1	a_1	---- m/s ²
Average Brake force run down 1	F_1	---- lbf
Average delay run down 2	a_2	---- m/s ²
Average brake force run down 2	F_2	---- lbf
Force of the rotating mass	$F_{rot-total}$	---- lbf
Rotating total mass	$m_{rot-total}$	683.4 lb
Rotating test stand mass	$m_{rot-dyno}$	573.2 lb
Rotating vehicle mass	$m_{rot-vehicle}$	110.2 lb