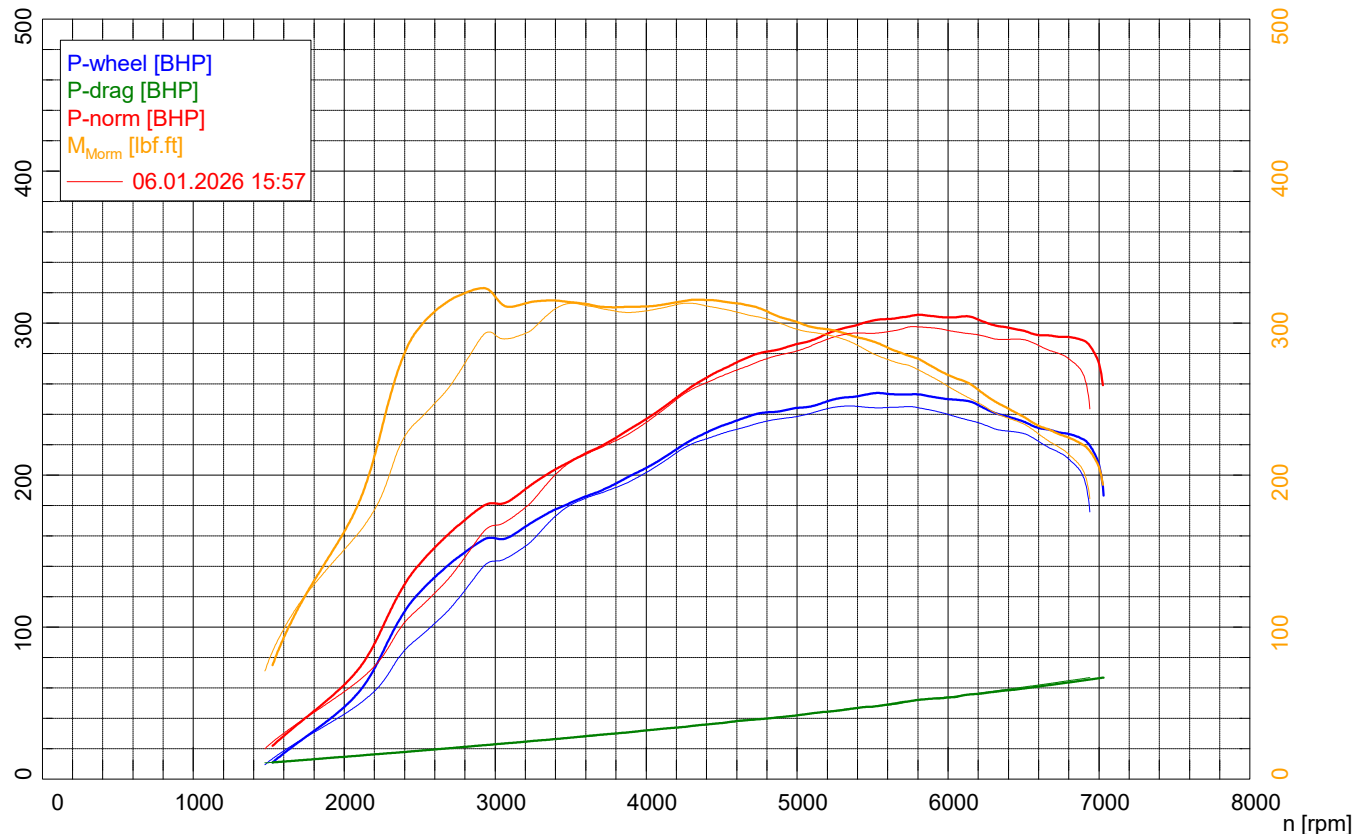


Vehicle type: VW GOLF GTI MK7
License plate: TEGIWA
Inspector: MATT

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

STOCK VS MST



Power data

Corrected power ¹⁾	P _{Norm}	305.3 BHP	/	227.6 kW
Engine power	P _{Eng}	305.0 BHP	/	227.4 kW
Wheel power	P _{Wheel}	252.8 BHP	/	188.5 kW
Drag power	P _{Drag}	52.2 BHP	/	38.9 kW
Max. power at		5815 rpm	/	115.2 mph
Torque ¹⁾	M _{Morm}	322.8 lb.ft		
Max. Torque at		2925 rpm	/	58.0 mph
Max. attained RPM		7030 rpm	/	139.3 mph

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

Ambient data

Ambient temperature	T _{Ambient}	10.0 °C
Intake air temperature	T _{Intake air}	10.2 °C
Relative humidity	H _{Air}	54.3 %
Air pressure	p _{Air}	995.0 hPa
Steam pressure	p _{Steam}	6.7 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