



driver -
 club/country -
 scooter model V5B3T
 build date 1969
 vehicle name -
 engine [cc] 121,2

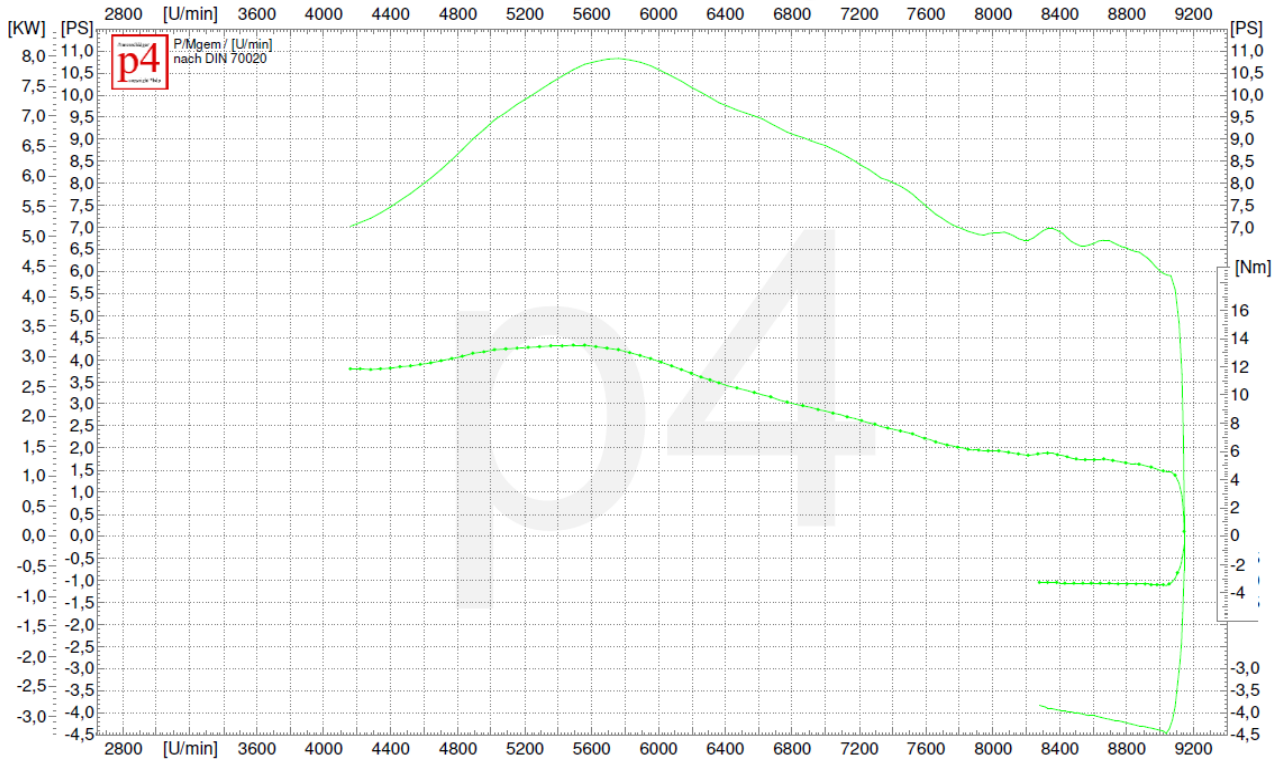
measuring mode rear wheel
 power P_{max} [hp] 10,8
 torque M_{max} [Nm] 13,5
 specific power P_{Hmax} [hp/l] 89,1
 SIP-conclusion
 125cc setup with torque & ori. characteristic

p4-Messanlage

Fa. SIP Scootershop GmbH

18.11.2022

Diagramm Radleistung



4444 <unavailable>
 08.07.2021 17:09 8.0 KW/5761 1/min | 10.8 PS/5761 1/min | 13.5 Nm/5492 1/min | vmax: 99.7 km/h
 k=1,055 (18°C/63%/957mbar)

Engine-setup	Article	Article number	Comment
Crankcase	SIP for Vespa 50-125/PV/ET3/PK50-125/S 1°	24303000	not modified
Cylinder	Racing cylinder PINASCO 125 ccm	79400000	d = 55mm
Exhaust flange	-	-	1,50 squish gap
Spark Plug	NGK B8HS Kupfer	NGKB8HS	(W27FSU)
Ignition	SIP Performance by VAPE Road for Vespa PK	51008RA0	18° BTDC @ 3.000 rpr
Crankshaft	Mazzucchelli 51/97 for Vespa PK 125 ETS/N/XL/XL2	45108000	51 mm stroke
Manifold	Polini for Vespa 50-125/PV/ET3 for SHBC 19.19	21501160	reed valve
Reed Valve	reed valve Block Polini	21300120	
Carburettor	Dell'orto SHBC 19.19	19622700	
Air Filter/ Airbox	filter for SHBC 19.19	40253000	
Exhaust	Sip road Banane for Vespa 90	24168000	
Clutch	NEWFREN PK XL2 Race for Vespa PK50	93495000	
Clutch Friction Plates	NEWFREN PK XL2 Race	93495500	4 pcs.
Primary Driven Gear	Gearbox RMS Z 24/61. (2.54)	15300000	2,54
Input Shaft	Gear set Z 22-18-14-10 4-speed/PK	11237700	
Driveshaft	Gearbox Kit 58-54-50-46 teeth "4-gear PK"	13490700	
1st Gear	refer to Gearbox Kit	-	
2nd Gear	refer to Gearbox Kit	-	
3rd Gear	refer to Gearbox Kit	-	
4th Gear	refer to Gearbox Kit	-	
Rear Wheel	CONTINENTAL K62 3.00-10 50J TT reinforced	80050000	3.00 - 10"

[The complete engine setup can be found in this notepad.](#)

Power as measured at the rearwheel on our calibrated Amerschlager P4 dynameter. The SIP dynameter is recognised as an external testing facility of the Society for Technical Supervision (GtU). The GtU has been accredited as a technical service to the official German motoring authority KraftfahrBundesamt (KBA).