



driver Elvis Jueterbock
 club/country Dificiano Garage
 scooter model Vespa 50 N
 build date 1976
 vehicle name SIP Matscho Karatscho Cross
 engine [cc] 169,2

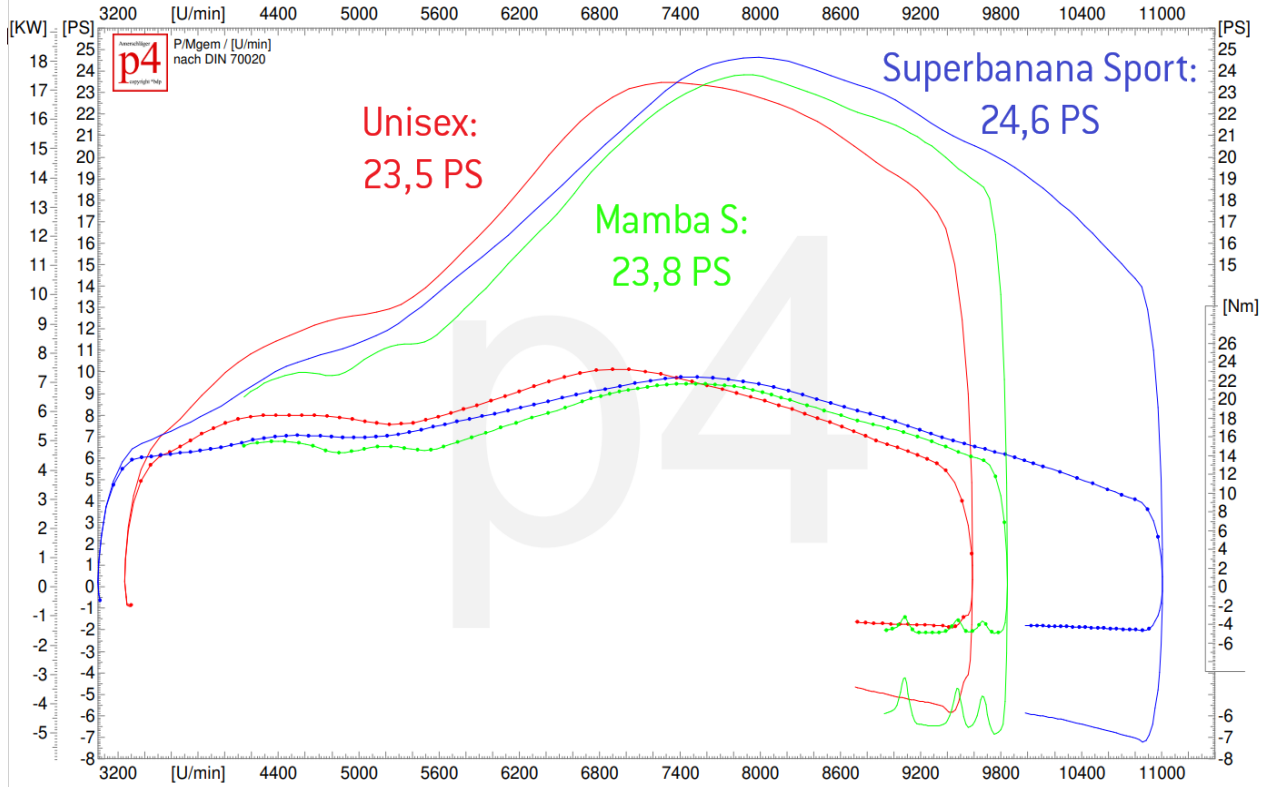
measuring mode
 power P_{max} [hp] 26,6
 torque M_{max} [Nm] 24,4
 specific power P_{Hmax} [hp/l]
 SIP-conclusion
 Comparision Egig racing Exhausts

Rear tire
 26,6
 24,4
 157,2

p4-Messanlage

Fa. SIP Scootershop GmbH
Leistungsdiagramm

25.04.2023



Engine-setup	Article	Article number	Comment
Exhaust red	EGIG Performance UNISEX	40339410	best for touring
Exhaust green	EGIG Performance MAMBA S	40339510	best for ported cylinder
Exhaust blue	EGIG Performance Superbanana Sport	40339700	loud & heavy
Crankcase	Engine Case SIP	24310000	not modified
Cylinder	Racing cylinder EGIG Performance 170 ccm	75413100	not modified
Cylinder Head	stock	75413100	1,25 squish gap
Spark Plug	NGK BR9ECM Kupfer	NGKBR9ECM	
Ignition	SIP Performance by VAPE Sport	51009SA0	24 ° BTDC @ 3.000 rpm
Crankshaft	Full Circle Shaft 170 Zylinder EGIG Performance	75413200	51
Manifold	EGIG Performance 170	15091000	
Reed Valve	ITALKIT Doble Prisma Type RD 350	40312130	
Carburettor	Vergaser DELL'ORTO PHBH 30 BS round slide	40030000	
Air Filter/ Airbox	Racing filter MARCHALD Power Double Layer straight	40232000	
Clutch	EGIG Performance One Finger Clutch POLIGON	93499920	with POLIGON input s.
Clutch Friction Plates	EGIG Performance One Finger Clutch	93499920	5 pcs.
Primary Driven Gear	Z 27/69. (2.56) DRT Sportfor Vespa 50-125	15335000	2,56
Input Shaft	Z 21-18-14-10 EGIG Performance "kurzer 4. Gang" POLIG	40449100	
Driveshaft	Antriebswelle CIF. 4-speed	11159610	
1st Gear	Z 58 1. gear 4-speed PK	13490300	
2nd Gear	Z 54 2. gear 4-speed PK	13490400	
3rd Gear	Z 50 3. gear CIF 4-speed PK	13490500	
4th Gear	Z 46 4. gear CIF 4-speed PK	13490600	
Rear Wheel	SIP Performer 2.0	79591000	3.50 - 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 Kraftfahrtbundesamt (KBA).