

IDEO 125



Engine

Type	Single cylinder four stroke engine, air-cooled
Bore x Stroke	52,4 mm x 57,8 mm
Displacement	125 cc
Compression ratio	9,2 : 1
Fuel	Unleaded fuel only, RON/ROZ min. 95
Fuel-mixture generation	Electronic fuel injection
Maximum net power	5,3 kW @ 7500 min ⁻¹
Maximum net torque	7,7 Nm @ 6000 min ⁻¹
Environmental step	Euro 5
Lubrication	Forced-feed lubrication
Ignition	ECU
Starter	Electric starter, kick starter
Stationary sound level	81 dB(A) @ 3750 min ⁻¹
Drive-by sound level	73 dB(A)
Limit value for L urban	74 dB(A)

Transmission

Gearbox	CVT automatic transmission
Final drive	Belt

Dimensions

Length	1880 mm
Width	670 mm
Height	1130 mm
Wheelbase	1300 mm
Seat height	780 mm
Ground clearance	140 mm
Fuel tank maximum capacity	5,0 L
Number of seating positions	2

Mass

Mass in running order	107 kg
Permissible maximum weight	267 kg
Permissible front axle weight	98 kg
Permissible rear axle weight	169 kg

Chassis

Front rim	MT2.75 x 12
Rear rim	MT2.75 x 12
Front tire	110/70-12
Rear tire	120/70-12
Front suspension	Teleskopik fork
Rear suspension	Swingarm with single shock absorber
Front brake	Hydraulic disc brake, brake disc Ø 190 mm
Rear brake	Mechanic drum brake with CBS, brake drum Ø 130 mm

Driving performance

Top speed	80 km/h
Fuel consumption	2,9 L/100 km
CO ₂ emissions	69 g/km
Power/weight ratio	0,05 kW/kg
Gradability	15°

Standard equipment included

Optional additional equipment

Registration

Vehicle category	L3e-A1
Homologation number	e13*168/2013*00799*02
Variant	0
Version	0