

PUREJet Engine

High power
Low emission
State of the artechnology
2 - stroke direct injection

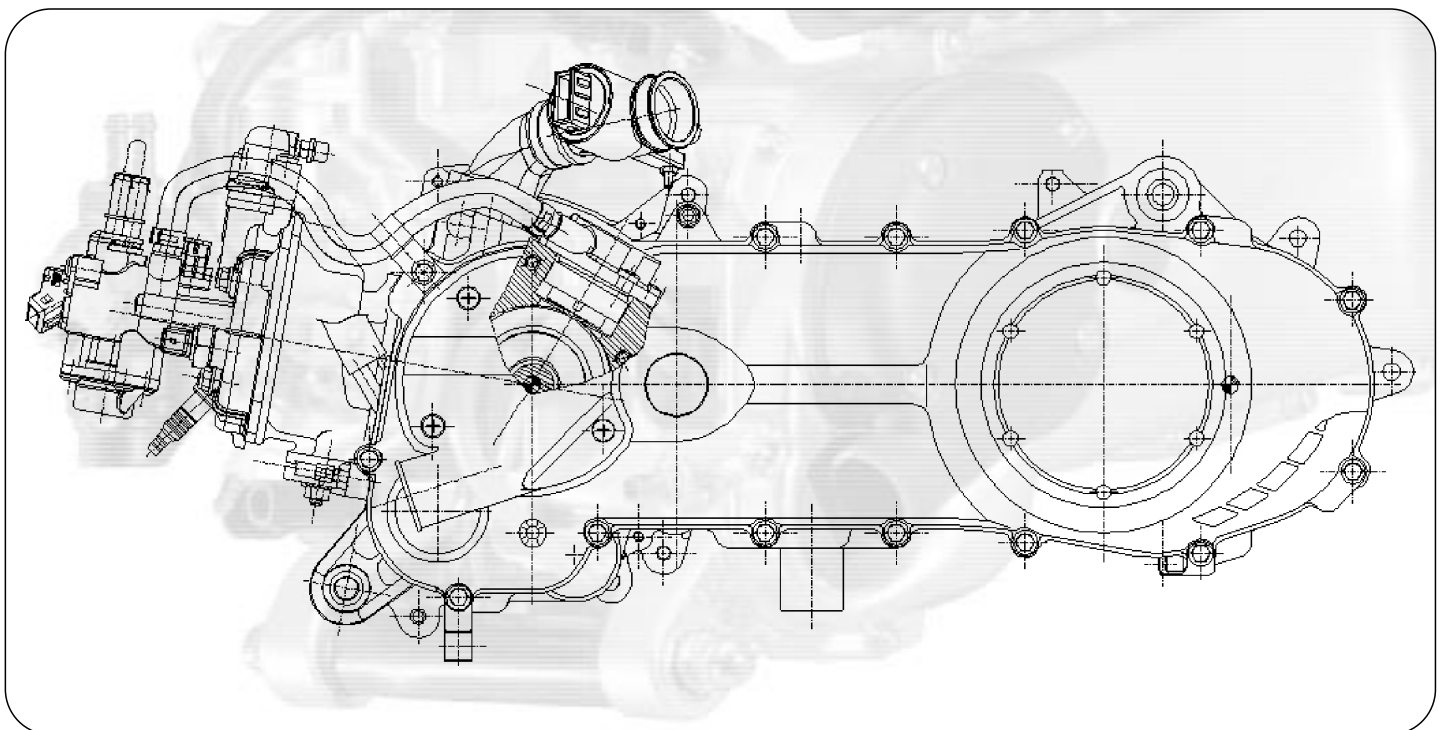
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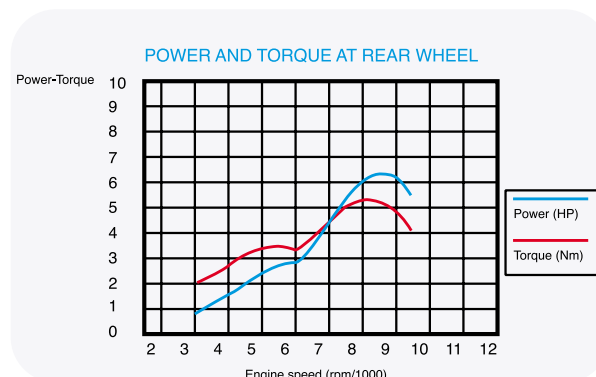
PUREJET 50cc



PUREJet Engine

(Piaggio UltraLow Emission Research Engine) Direct Injection Catalytic Liquid Cooled

Liquid



TECHNICAL Datasheet

	50cc Liquid
Thermodynamic cycle	Otto 2 - stroke
Displacement	49,4cc
Bore	40mm
Stroke	39,3mm
Cooling system	Liquid
Power @ crankshaft	5,6kW (7,6HP)@8500rpm
Torque @ crankshaft	6,4Nm (0,65Kg)@8000rpm
Ignition	Electronic with Inductive Discharge and variable timing
Injection system	Air assisted direct fuel injection
Air intake valve	Reed valve
Fuel pump	In-line, low current absorption electrical pump
Throttle body	Throttle plate integrated with throttle position sensor
Lubrication system	Separated oil pump
Countershaft	No
Transmission	Torque sensitive Continuous Variable Transmission (CVT)
CVT range	3,9
Start	Electric and kick start
Rear Brake	Drum or disk brake
Engine weight	25 Kg
Emission compliance	EURO II
Anti-pollution devices	Catalyst system

Piaggio reserves the right to modify the data indicated above.

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