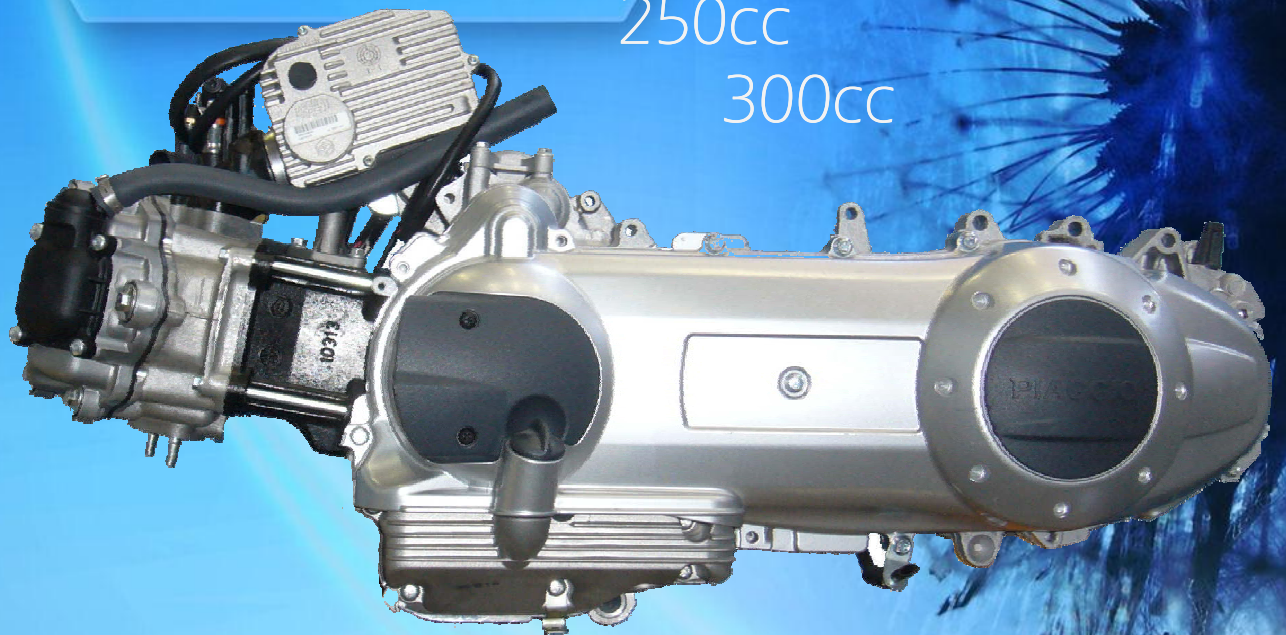


QUA.S.A.R.

QUARTER LITER
SMOOTH
AUGMENTED
RANGE

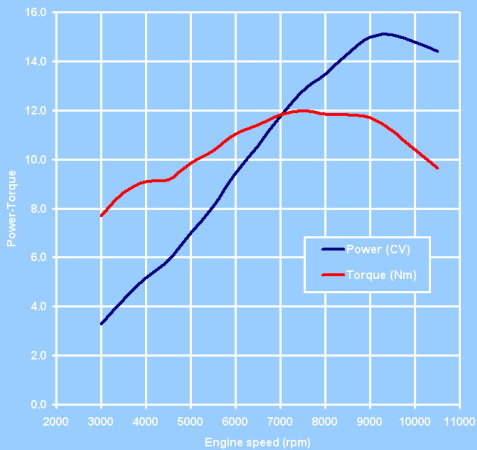
QUASAR Family QUArter liter Smooth Augmented Range

125cc
250cc
300cc



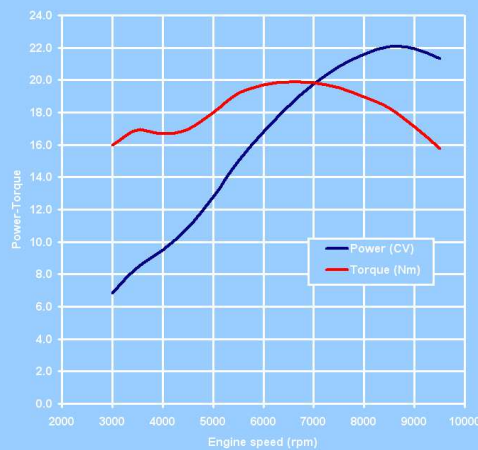
125cc 4V-liquid cooled

POWER AND TORQUE AT CRANKSHAFT



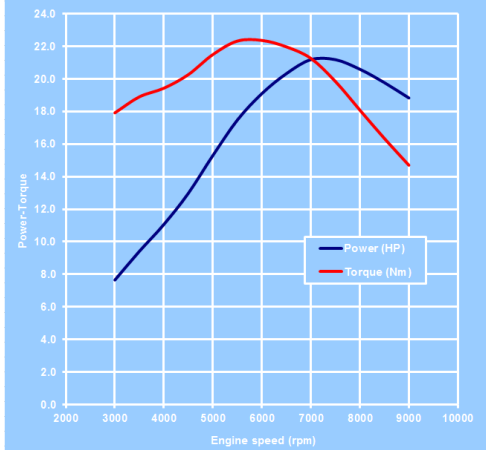
250cc 4V-liquid cooled

POWER AND TORQUE AT CRANKSHAFT



300cc 4V-liquid cooled

POWER AND TORQUE AT CRANKSHAFT



QUASAR Family

Technical Datasheet

	LIQUID COOLED		
	125 cc - 4-valve	250 cc - 4-valve	300 cc - 4-valve
Thermodynamic cycle	Otto 4-stroke		
Displacement	124,02 cc	244,3 cc	278,3 cc
Bore	57,0 mm	72,0 mm	75,0 mm
Stroke	48,6 mm	60,0 mm	63,0 mm
Cooling system	Forced liquid		
Power at crankshaft @ rpm ^[1]	11,0 kW (15,0 HP) @ 9250 rpm	16,2 kW (22,0 HP) @ 8250 rpm	15,5 kW (21,0 HP) @ 7250 rpm
Torque at crankshaft @ rpm ^[1]	12,1 Nm (1,23 kgm) @ 7500 rpm	20,2 Nm (2,06 kgm) @ 6500 rpm	22,5 Nm (2,3 kgm) @ 5750 rpm
Timing	4 - valve, Single OverHead Camshaft (SOHC)		
Ignition System	Electronic with Inductive Discharge and variable timing with three-dimensional map		
Fuel feed	Closed loop fuel injection system with Lambda sensor and 3-way catalyst		
Lubrication system	wet sump system, trochoidal pump chain-driven		
Transmission	Primary: Torque sensitive Continuous Variable Transmission (CVT) Secondary: 3 axis gearbox Centrifugal dry clutch		
Transmission range	range 3,34 (1:2,7 - 1:0,81)	2,82 (1:2,3 - 1:0,815)	
Rear brake	Disk brake		
Starting system	Electric with freewheel		
Engine weight	33 kg	36 kg	36 kg
Emission compliance	EURO 3	EURO 3	EURO 4
Anti-pollution devices	Fuel injection 3-way catalyst system		

Piaggio reserves the right to modify the data indicated above

[1] These values are subject to change depending on the vehicle the engine is installed on

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