

**TECHNICAL SPECIFICATIONS****Engine**

<b>Reference</b>	<b>Technical specifications</b>
Type	4-stroke 90° L twin-cylinder (Otto engine)
Bore	94 mm
Stroke	54 mm
Total displacement	749 cu. cm
Compression ratio	1:12,95 ± 0,2
Max. power at crankshaft (95/1/CE)	102 kW (140HP)
at	13,000 rpm
Max. torque at crankshaft (95/1/EC)	85 Nm (8.7 kgm)
at	10,000 rpm

**Timing system**

<b>Reference</b>	<b>Technical specifications</b>
Type	Double overhead camshaft, 4 valves per cylinder, driven by toothed belt and aluminium roller. Desmodromic system.
<b>Timing diagram</b>	With belt tension of 270 AVIS BELT TENSION METER with valve clearance = 0 mm and valve lift = 5 mm
Intake valve opens	12° after TDC
Intake valve closes	24° after BDC
Exhaust valve opens	30° before BDC
Exhaust valve closes	14° before TDC
<b>Valve diameter</b>	Intake valve 39.5 mm
	Exhaust valve 32 mm
<b>Valve lift</b>	Intake valve 13 mm
	Exhaust valve 11.5 mm
<b>Tappet clearances (with the engine cold)</b>	Upper clearance (opening) - Intake 0.14 ÷ 0.19 mm
	Upper clearance (opening) - Exhaust 0.19 ÷ 0.24 mm
	Lower clearance (closing) - Intake 0.13 ÷ 0.18 mm
	Lower clearance (closing) - Exhaust 0.08 ÷ 0.13 mm