



TECHNICAL DATA

NEW RENAULT CLIO R.S. 200 EDC

ENGINE / TRANSMISSION	1.6T R.S. 200		
Fuel	Unleaded petrol or E10		
Code - index	M5Mt 400		
French fiscal rating	11		
Depollution standard	EURO5		
Engine type	Turbocharged / direct sequential fuel-injection		
Cubic capacity (cc)	1,618		
Bore x stroke (mm)	79.7 x 81.1		
Compression ratio	9.5		
Number of cylinders / valves	avr-16		
Maximum power (kW EEC / hp)	147 (200)		
at (rpm)	6,000		
Maximum torque Nm EEC (m.kg)	240		
at (rpm)	1,750		
Position	Transverse, four cylinders in line		
Balancer shafts	No		
Cylinder block / cylinder head	Aluminium alloy		
Fuel injection	Direct (150 bar)		
Fly wheel	Twin mass-damping flywheel		
Catalytic converters	Ceramic, three-way		
Particulate filter	-		
Stop & Start and braking energy recovery	-		
TIMING			
Drive	Chain		
Variable timing	Inlet + exhaust		
Variable lift	No		
Valve operation	Direct		
Clearance adjustment	Shims		
Electronic management	EMS 2010		
Engine cut-off (rpm)	6,500		
Lubrication	With oil/water radiator		
TRANSMISSION			
Gearbox type	EDC - 6 speeds		
Speed at 1,000rpm in 1st gear:	7.29		
in 2 nd gear	11.76		
in 3 rd gear	17.90		
in 4 th gear	25.17		
in 5 th gear	32.95		
in 6 th gear	40.67		
Limited slip differential	R.S. Diff' electronic LSD		
Final drive ratios	Final drive 1: 20/79. Final drive 2: 18/79		
Gear ratio and theoretical speed at 1,000rpm	47/12		7.3kph
	51/21		11.8kph
	56/39		17.9kph
	48/47		25.2kph
	39/45		33.0kph
	33/47		40.7kph
STEERING			
Steering	Variable electric power steering standard		
Turing circle, between kerbs/walls (m)	10.9 / 11.3		
Number of turns from lock to lock (with standard wheels)	2.67		
SUSPENSION			
Front	MacPherson type with rectangular lower wishbone, anti-roll bar, hydraulic compression stops		
Rear	Programmed flexible beam and spiral springs		
Front/rear antiroll bar diameter (mm)	23.5 / 28 incorporated in flexible beam		
Front/rear flex (mm/100kg)	Sport: 15 / 25 Cup: 12.5 / 21.5		
Front/rear Specific front/rear frequency (in running order + 2) (Hz)	Sport: 1.45 / 1.5 Cup: 1.6 / 1.6		
Front/rear roll centre height (mm)	80 / 150		
Front/rear unsprung weight (kg)	110 / 90		
WHEELS AND TYRES			
Standard tyres	17": 205/45R17 88Y (Goodyear Eagle F1 Asymmetric 2) 18": 205/40R18 86Y (Dunlop Sport Maxx RT)		
Standard wheels	7.5J17 7.5J18		
BRAKES			
Type	X		
ABS	Standard		
Electronic brakeforce distribution	Standard		
Servo	Vacuum servo, 10"		
Emergency brake assist	Standard		
Hill Start Assist	Standard		
ESC	ASR + ESP Dual-mode + disconnectable		
Vented front discs: diameter/width (mm)	320 / 28		
Solid rear discs: diameter/width(mm)	260 / 8		
Front callipers	Floating, D57		
Rear callipers	Floating, D34		

PERFORMANCE		
CdA		0.71
Top speed (kph)		230
400m standing start (s)		14.6
1,000m standing start (s)		27.1
Acceleration from 80 to 120kph (s) in 4th/5th gear		4.5
Specific power		
– kW/litre		91
– hp/litre		124
Specific torque (Nm/litre)		148
FUEL CONSUMPTION AND EMISSIONS (according to latest amendment of EU Directive 80/1268)		
CO ₂ (g/km)		144
Urban cycle (litres/100km)		8.1
Extra-urban cycle (litres/100km)		5.1
Combined cycle (litres/100km)		6.3
CAPACITIES		
Fuel tank (litres)		45
WEIGHTS (KG)		
Kerb weight (without options)		1,204
Kerb weight over front wheels		783
Kerb weight over rear wheels		421
Gross vehicle weight (GVW)		1,711
Gross train weight (GTW)		1,711 (non-towing vehicle)
Payload *		507
Braked trailer weight (within GTW)		Non-towing vehicle
Braked trailer weight		Non-towing vehicle

* With minimum equipment