



# 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	-		
<b>TIMING</b>			
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		
<b>TRANSMISSION</b>			
Gearbox type	EDC - 6 speeds		
Speed at 1,000rpm in 1st gear:	7.29		
in 2 <sup>nd</sup> gear	11.76		
in 3 <sup>rd</sup> gear	17.90		
in 4 <sup>th</sup> gear	25.17		
in 5 <sup>th</sup> gear	32.95		
in 6 <sup>th</sup> 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
<b>STEERING</b>			
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		
<b>SUSPENSION</b>			
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		
<b>WHEELS AND TYRES</b>			
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		
<b>BRAKES</b>			
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		

<b>PERFORMANCE</b>		
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
<b>FUEL CONSUMPTION AND EMISSIONS</b> (according to latest amendment of EU Directive 80/1268)		
CO <sub>2</sub> (g/km)		144
Urban cycle (litres/100km)		8.1
Extra-urban cycle (litres/100km)		5.1
Combined cycle (litres/100km)		6.3
<b>CAPACITIES</b>		
Fuel tank (litres)		45
<b>WEIGHTS (KG)</b>		
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