

Technical data

Mégane R.S. - Technical data	Cup chassis - 18-inch wheels	Cup chassis - 19-inch wheels
Type approval (three doors)		
Engine		
Type	F4R 874	F4R 874
Position	Front, transverse, angled 8 degrees to the rear	Front, transverse, angled 8 degrees to the rear
Depollution standard	EURO 5a	EURO 5a
Number of cylinders	Four cylinders in-line	Four cylinders in-line
Number of valves	16	16
Balancer shafts	No	No
Cylinder block/cylinder head materials	Cast iron/aluminium	Cast iron/aluminium
Cubic capacity (cc)	1998	1998
Bore x stroke (mm)	82.7 x 93	82.7 x 93
Compression ratio	8.6	8.6
Maximum power (kW/hp)	195 / 265	195 / 265
at (rpm)	5500	5500
French fiscal rating (hp)	17	17
Maximum torque [Nm]	360	360
at (rpm)	3000 to 5000	3000 to 5000
Maximum revs - neutral/other gears (rpm)	6500	6500
Fuel injection type	Multipoint sequential	Multipoint sequential
Fuel type	Leadfree petrol	Leadfree petrol
Flywheel	Twin mass-damping flywheel	Twin mass-damping flywheel
Catalytic converter	Primary catalytic converter	Primary catalytic converter

Timing		
- drive	Toothed belt	Toothed belt
- variable diagramme	Yes (induction)	Yes (induction)
- variable lift	No	No
- valve control	Roller bearing	Roller bearing
- play adjustment	Hydraulic	Hydraulic
Electronic management (fuel injection)	Continental EMS 3110	Continental EMS 3110
Lubrication	Oil pump incorporated in sump	Oil pump incorporated in sump
Transmission		
Type	PK4*018	PK4*018
Manual gearbox	Six speeds	Six speeds
Traction control	Yes (ASR)	Yes (ASR)
Limited slip differential	Yes	Yes
Final drive ratio	16/67	16/67
Theoretical gear ratios at 1,000rpm (kph)		
- 1st	13/40 - 9.16	13/40 - 9.18
- 2nd	19/37 - 14.48	19/37 - 14.52
- 3rd	31/43 - 20.33	31/43 - 20.38
- 4th	38/39 - 27.48	38/39 - 27.55
- 5th	38/31 - 34.57	38/31 - 34.66
- 6th	46/31 - 41.84	46/31 - 41.95
Chassis		
Type	Galvanised steel monocoque with cataphorised steel opening panels	Galvanised steel monocoque with cataphorised steel opening panels
Body type	Coupe	Coupe
Number of doors (D) / seats	3	3

Front suspension		
Type	MacPherson type with lower wishbone and independent steering axis pivot	MacPherson type with lower wishbone and independent steering axis pivot
Anti-roll bar (dia. x thickness) (mm) / Anti-roll bar stiffness (m.daN/deg)	24.2 x 4.2 / 100	24.2 x 4.2 / 100
Flex at tyre/ground contact patch (front kerb weight +2) (mm/100kg)	15.3	15.3
Specific frequency (kerb weight +2) (Hz)	1.38	1.38
Roll centre height (kerb weight +2) (mm)	106	106
Unsprung weight (kg)	125	125
Rear suspension		
Type	H-beam	H-beam
Anti-roll bar stiffness (m.daN/deg)	102.5	102.5
Flex at tyre/ground contact patch (front kerb weight +2) (mm/100kg)	18.3	18.3
Specific frequency (kerb weight +2) (Hz)	1.61	1.61
Roll centre height (kerb weight +2) (mm)	180	180
Unsprung weight (kg)	92	92
Brakes		
Type	Dual X	Dual X
Front (dia./thickness) (mm)	340 / 28 grooved	340 / 28 grooved
Callipers	Fixed, 4 pistons - BREMBO (red)	Fixes, 4 pistons - BREMBO (red)
Rear brakes (dia./thickness) (mm)	290 / 11 - grooved	290 / 11 - grooved
Callipers	Single floating piston	Single floating piston
AMS stopping distances (m)	36	36
ABS	TEVES MK60 ESP	TEVES MK60 ESP
Electronic brakeforce distribution	Yes	Yes
ESP	R.S. Dynamic Management (normal/sport/off)	R.S. Dynamic Management (normal/sport/off)

Steering		
Power steering	Electric	Electric
Number of turns from lock to lock	2.66	2.66
Turning circle between kerbs (m)	11.35	11.35
Wheels		
Standard tyres (brand, type, size)	Michelin Pilot Sport 2 235/40R18 95 Y	Bridgestone Potenza RE050 A 235/35R19 95 Y
Standard wheels (size, colour)	8.25 J 18 (AX-L 18) - Matt Black	8.25 J 19 (STEEV-L 19) - Gloss black, red piping
Fixations (N° x centres) - Offset (mm)	5 x 114.3 - 65	5 x 114.3 - 65
Spare wheel (type, size)	Option: steel wheel - 135/80R17 103 M	Option: steel wheel - 135/80R17 103 M
Dimensions/weights		
Length / width / height (mm)	4299 / 1848 / 1435	4299 / 1848 / 1435
Wheelbase (mm)	2636	2636
Front/rear tracks at tyre/ground contact patch (mm)	1594 / 1548	1594 / 1548
Kerb weight (kg)	1387	1387
Ex-factory manufacturer's weight (kg)	1350	1350
Front/rear kerb weight (%)	65/35	65/35
Kerb weight over front wheels (kg)	898	898
Kerb weight over rear wheels (kg)	489	489
Gross Vehicle Weight (GVW) (kg)	1835	1835
Max. weight over front wheels within GVW (kg)	1027	1027
Max. weight over rear wheels within GVW (kg)	808	808
Payload (kg)	448	448
Braked trailer weight within GTW (kg)	0	0
Unbraked trailer weight (kg)	0	0

Performance and fuel consumption		
Specific power (hp/litre - kW/litre)	132.5 - 97.5	132.5 - 97.5
Specific torque (Nm/litre)	180	180
Drag coefficient (Cd / CdA)	0.34 / 0.75	0.34 / 0.75
Weight-to-power ratio (kg/hp)	5.09	5.09
Top speed (kph)	254	254
0 to 100kph (s)	6.0	6.0
400m standing start (s)	14	14
1,000m standing start (s)	25.4	25.4
Fuel consumption (EEC 93/116):		
- urban cycle (litres/100km)	11.3	11.3
- extra-urban cycle (litres/100km)	6.5	6.5
- combined cycle (litres/100km)	8.2	8.2
- CO2 emissions (g/km)	190	190
Fuel tank capacity (litres)	60	60