

Technical Data

1 Series M Coupé [E82]

Engine platform		N54B30 T0
Transmission		M6
No. of doors / seats		2 / 4
Vehicle length / width / height -unloaded-	mm	4,380 / 1,803 / 1,420
Vehicle width including mirrors	mm	1,932
Wheelbase / Turning cycle	mm / m	2,660 / 11.5
Track front / rear	mm	1,541 / 1,541
Overhang front/rear	mm	771 / 949
Ground clearance -empty-	mm	120
Shoulder width front / rear	mm	1,372 / 1,357
Elbow width front / rear	mm	1,423 / 1,398
Eff. head room front / rear	mm	962 / 943
Luggage capacity	l	370
Fuel tank capacity	l	53
Curb weight -DIN / EU-	kg	1,495 / 1,570
Axle load ratio -unloaded DIN-	%	51.6 / 48.4
Gross vehicle weight / Payload	kg	1,900 / 405
Axle load limit front / rear	kg	940 / 1,030
Roof load limit	kg	75
Engine type / cylinder / valves per cylinder		Inline / 6 / 4
Fuel management		MS D81
Effective displacement	cm ³	2,979
Stroke / Bore	mm	89.6 / 84.0
Nom. power output / Engine speed	kW (hp) / min ⁻¹	250 (340) / 5,900
Max. torque / engine speed	Nm / min ⁻¹	450 (Overboost: 500) / 1,500-4,500
Compression ratio / Fuel type (recommended)	:1 / -	10.2 / RON 91-98 (RON 98)
Exhaust emissions qualification		EU5
Codification of reference gearbox		K
Gear ratio 1st/2nd/3rd	:1	4.110 / 2.315 / 1.542
Gear ratio 4th/5th/6th	:1	1.179 / 1.000 / 0.846
Reverse ratio	:1	3.727
Final drive ratio	:1	3.154
Steering type / ratio	- / :1	Rack and pinion (with M Servotronic) / 12.5
Brake type / diameter - front	- / mm	Ventilated Disc / 360 x 30
Brake type / diameter - rear	- / mm	Ventilated Disc / 350 x 24
Top speed - electronically limited	mph (km/h)	155 (250)
Acceleration 0-62	s	4.9
Weight ratio	kg/kW	6.0
Output per litre	kW/l	83.9
Fuel consumption -EU urban-	mpg (l/100km)	20.8 / 13.6
Fuel consumption -EU extra-urban-	mpg (l/100km)	38.7 / 7.3
Fuel consumption -EU combined- / Range	mpg (l/100km) / miles	29.4 / 9.6 / 342
CO2-emission -EU-	g/km	224
Tyre type -front-		245/35 R19 93Y
Tyre type -rear-		265/35 R19 98Y
Front rim		9 J x 19 alloy
Rear trim		10 J x 19 alloy
Run flat tyres		No
Rim offset	mm	31 / 25
Radiators incl. heater / Engine oil exchange quantity	l	10.4 / 6.5
Transmission fluid exchange quality	l	1.2
Battery capacity / installed position	Ah / -	70 / Luggage compartment
Alternator output rating	A / W	180 / 2,520