

Technical data

Engine data, fuel consumption

Displacement	cm ³	2990
Number of cylinders		6
Max. power output	kW	210
	bhp	286
at engine speed	/min	7000
Max. torque	Nm	320
at engine speed	/min	3600
Compression ratio	ϵ	10.8
Stroke/bore	mm	85.8/86
Mixture control	Digital Motor Electronics	
Fuel consumption acc. to DIN 70 030/1 ECE		
at 90 km/h	litres/100 km	6.5
(56 mile/h)	(Imp. mile/gal)	(43.5)
at 120 km/h	litres/100 km	7.9
(75 mile/h)	(Imp. mile/gal)	(35.8)
urban cycle	litres/100 km	13.0
	(Imp. mile/gal)	(21.7)

Note:

Fuel consumption is determined according to standard test methods (DIN 70030/1 ECE). It is not the same as the average fuel consumption, which depends on a great many different factors such as driving style, load, road condition, traffic density and flow, weather, tyre pressures etc.

Engine power output and performance are measured in accordance with the conditions laid down by the valid German industrial standards (DIN), and with the car to standard equipment specification.

Optional extras often have a considerable influence on performance and fuel consumption, since they cause the car's weight or its drag coefficient to vary (roof rack, wider tyres, additional mirrors etc.).

Dimensions and weights

		M3 saloon	M3 Coupé	M3 Convertible
Length	mm (in)	4433 (174.5)	4433 (174.5)	4433 (174.5)
Width	mm (in)	1710 (67.3)	1710 (67.3)	1710 (67.3)
Height (unladen)	mm (in)	1335 (52.6)	1335 (52.6)	1340 (52.8)
Wheelbase	mm (in)	2710 (106.7)	2710 (106.7)	2710 (106.7)
Front overhang	mm (in)	738 (29.0)	738 (29.0)	738 (29.0)
Rear overhang	mm (in)	985 (38.8)	985 (38.8)	985 (38.8)
Front track	mm (in)	1422 (56.0)	1422 (56.0)	1422 (56.0)
Rear track	mm (in)	1444 (56.9)	1444 (56.9)	1444 (56.9)
Turning circle (wheels) app.	m (ft)	10.6 (34.8)	10.6 (34.8)	10.6 (34.8)
Turning circle (overall) app.	m (ft)	11.6 (38.1)	11.6 (38.1)	11.6 (38.1)
Unladen weight (ready for road, tank full, without optional extras)	kg (lb)	1460 (3219)	1460 (3219)	1540 (3395)
Gross weight limit	kg (lb)	1930 (4255)	1930 (4255)	1930 (4255)
Front axle load limit	kg (lb)	910 (2006)	910 (2006)	910 (2006)
Rear axle load limit	kg (lb)	1090 (2403)	1090 (2403)	1090 (2403)
Trailer loads	kg (lb)	Trailer towing not permitted!		
Max. roof load	kg (lb)	75 (165)	75 (165)	40 (88) ¹⁾
Do not exceed either the axle load limits or the car's gross weight limit.				
Luggage capacity acc. to VDA test	l (cu. ft)	435 (15.4)	405 (14.3)	230 (8.1)

1) In combination with special roof rack system. Available from BMW service stations.

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Performance

		M3 saloon	M3 Coupé	M3 Convertible
Top speed	km/h (mile/h)	250* (155*)	250* (155*)	250* (155*)
Acceleration values				
from 0 – 50 km/h	s	2.4	2.4	2.5
0 – 80 km/h	s	4.6	4.6	4.7
0 – 100 km/h	s	6.0	6.0	6.2
0 – 120 km/h	s	8.4	8.4	8.7
80 – 120 km/h (50 – 75 mile/h) in 4th gear	s	6.4	6.4	6.9
Standing-start kilometre in	s	25.6	25.6	26.0

Gear ratios

1st	4.20
2nd	2.49
3rd	1.66
4th	1.24
5th	1.00
Rev.	3.89

Electrical system

Battery 12 V, 65 Amp/h

Firing order 1–5–3–6–2–4

Ignition timing

On cars with Digital Motor Electronics engine management, the ignition timing is programmed and cannot be adjusted manually.

Alternator

with built-in voltage regulator

105 A, 1470 W

Spark plugs

Double-earth electrode: Bosch Y5 DDCR
Bosch Y5 DDC

V-belts

Alternator, water pump and power steering 6 K x 1515 mm

Air pump 5 K x 785 mm

Compressor for air conditioning system and air pump 5 K x 1125 mm

* electronically governed

Filling capacities	Litres (Imp. units)	Note
Fuel tank	65 (14.3 gal)	Fuel grade: see Page 18
Windscreen washer Incl. headlight cleaning system	app. 2.5 (4.4 pints) app. 6.0 (10.6 pints)	For further details, see Page 96
Cooling system, incl. heater circuit	10.75 (18.9 pints)	For further details, see Page 95
Engine with oil filter renewal	7.0 (12.3 pints)	Brand-name HD oil for four-stroke spark-ignition engines, oil grades: see Page 93
Manual gearbox	1.2 (2.1 pints)	ATF*
Final drive	1.7 (3.0 pints)	Brand-name hypoid gear oil*