

Specifications BMW M3. BMW M3 Convertible.

		BMW M3 Convertible	BMW M3 Convertible (with M DCT)
Body			
No of doors/seats		2/4	2/4
Length/width/height (EU, unl)	mm	4,615/1,804/1,392	4,615/1,804/1,392
Wheelbase	mm	2,761	2,761
Track, front/rear	mm	1,540/1,539	1,540/1,539
Turning circle	m	11.7	11.7
Tank capacity	approx ltr	63	63
Cooling system incl heater	ltr	11.4	11.4
Engine oil	ltr	8.8	8.8
Transmission fluid	ltr	2.5	approx 9.0
Final drive fluid	ltr	1.2	1.2
Kerb weight	kg	1,810	1,830
Max load to DIN	kg	470	450
Max permissible to DIN	kg	2,280	2,280
Luggage compartment to DIN	ltr	210–350	210–350
Air drag	C _d x A	0.688	0.688
Power Unit			
Config/No of cyls/valves		V/8/4	V/8/4
Engine management		MS S60	MS S60
Capacity	cc	3,999	3,999
Bore/stroke	mm	92.0/75.2	92.0/75.2
Compression ratio	:1	12.0 : 1	12.0 : 1
Fuel grade	RON	98 (95)	98 (95)
Max output	kW/hp	309/420	309/420
at	rpm	8,300	8,300
Max torque	Nm/lb-ft	400/295	400/295
at	rpm	3,900	3,900
Electrical System			
Battery/installation	Ah/–	90/luggage comp	90/luggage comp
Alternator	A/W	180/2,520	180/2,520
Chassis and Suspension			
Suspension, front		Aluminium two-joint spring strut axle with tiebar; small, positive steering roll radius; Compensation lateral forces; anti-dive	
Suspension, rear		Five-arm axle with anti-squat and anti-dive	
Brakes, front		Single-piston swing-calliper compound disc brakes	
Diameter	mm	360 x 30, vented and cross-drilled	
Brakes, rear		Single-piston swing-calliper compound disc brakes	
Diameter	mm	350 x 24, vented and cross-drilled	
Driving stability systems		ABS, ASC, CBC, DSC; Variable M Differential Lock	
Steering		Rack-and-pinion steering with hydraulic assistance and Servotronic	
Steering trans ratio:	:1	12.5	12.5
Type of gearbox		SG 6	M DCT Drivelogic
Gear ratios	I	:1	4.055
	II	:1	2.396
	III	:1	1.582
	IV	:1	1.192
	V	:1	1.000
	VI	:1	0.872
	VII	:1	–
	R	:1	3.678
Final drive	:1	3.846	3.154
Tyres, front/rear		245/40 ZR18/265/40 ZR18	
Rims, front/rear		8.5J x 18 EH2+ IS 29 cast aluminium/9.5J x 18 EH2+ IS 23 cast aluminium	

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Performance			
Power-to-weight ratio to DIN	kg/kW	5.9	5.9
Power-to-weight ratio to DIN	kg/hp	4.3	4.3
Output per litre	kW/ltr	77.3	77.3
Output per litre	hp/ltr	105.0	105.0
Acceleration 0–100 km/h	sec	5.3	5.1
Top speed	km/h	250 ¹⁾	250 ¹⁾
Fuel Consumption in EU Cycle			
Urban	ltr/100 km	18.7	17.3
Extra-urban	ltr/100 km	9.6	9.4
Composite	ltr/100 km	12.9	12.3
CO ₂ , overall	g/km	309	293
Miscellaneous			
Emission rating		EU4	EU4

¹⁾ electronically limited