

# The new BMW M3 Saloon and BMW M4 Coupé

		BMW M3 Saloon	BMW M4 Coupé
<b>Body</b>			
No. of doors/seats		4/5	2/4
Length / width / height (EU laden)	mm	4671 / 1877 / 1424	4671 / 1870 / 1383
Wheelbase	mm		
Track, front / rear	mm	1579 / 1603	1579 / 1603
Ground clearance	mm	120	121
Turning circle	m	12.2	12.2
Tank capacity	Apprx ltr	60	60
Cooling system incl heating	ltr	13.9	13.9
Engine oil	ltr	6.5	6.5
Weight, unladen, to DIN (EU)	kg	1520 (1595)	1497 (1572)
Max load to DIN	kg	580	543
Max permissible weight	kg	2100	2040
Max axle load front / rear	kg	990/1170	970 / 1130
Max trailer load braked (12%) / unbraked	kg	N/A	N/A
Max roof load / towbar download	kg	75 / N/A	75 / N/A
Luggage capacity	ltr	480	445
Air resistance	Cd x A	0.34 x 2.29	0.34 x 2.23
<b>Engine</b>			
Config / cyl / valves		Inline / 6 / 4	Inline / 6 / 4
Engine technology		M Twinpower technology with two mono-scroll turboschargers, High Precision Direct Injection, VALVETRONIC and VANOS	M Twinpower technology with two mono-scroll turboschargers, High Precision Direct Injection, VALVETRONIC and VANOS
Effective capacity	cm3	2979	2979
Stroke / Bore	mm	89.6 / 84.0	89.6 / 84.0
Compression ratio	:1	10.2	10.2
Fuel grade		RON95-RON98	RON95-RON98
Output	Kw / hp	317 / 431	317 / 431
at	rpm	5500-7300	
Torque	Nm	550	550
at	rpm	1850-5500	1850-5500
<b>Electrical system</b>			
Battery / installation	Ah/-	69 / luggage comp	69 / luggage comp
Alternator	A/W	209 / 2026 (at rated speed)	209 / 2026 (at rated speed)
<b>Driving dynamics and safety</b>			
Suspension, front		Aluminium double joint spring strut axle, M-specific kinematics	Aluminium double joint spring strut axle, M-specific kinematics
Suspension, rear		Aluminium five-link axle, control arms and wheel carriers, rear axle subframe in lightweight steel construction, rigidly bolted to body, M-specific kinematics	Aluminium five-link axle, control arms and wheel carriers, rear axle subframe in lightweight steel construction, rigidly bolted to body, M-specific kinematics
Brakes, front		Four-piston fixed calliper disc brakes / inner vented, perforated	Four-piston fixed calliper disc brakes / inner vented, perforated
Brakes, rear		Twin-piston fixed calliper disc brakes / inner vented, perforated	Twin-piston fixed calliper disc brakes / inner vented, perforated
Driving stability systems		DSC incl ABS, MDM, CBC, DBC, Active M Differential, Dry Braking Function, Start-off Assistant	DSC incl ABS, MDM, CBC, DBC, Active M Differential, Dry Braking Function, Start-off Assistant
Safety equipment		Airbags, front driver and passenger, front side, head airbags front and rear, three-point inertia reel seatbelts on all seats	Airbags, front driver and passenger, front side, head airbags front and rear, three-point inertia reel seatbelts on all seats
Steering		Variable M Sport rack and pinion power steering, electromechanical with variable ratios	Variable M Sport rack and pinion power steering, electromechanical with variable ratios
Steering ratio, overall	:1	15.0	15.0
Tyres, front/rear		225/40 ZR18 95Y	275/40 ZR18 99Y
Rims, front/rear		9.0J x 18 light-alloy / 10.0J x 18 light-alloy	9.0J x 18 light-alloy / 10.0J x 18 light-alloy
<b>Transmission</b>			
Type of gearbox		6-speed manual gearbox (optional	6-speed manual gearbox (optional 7-

		7-speed M-DCT)	speed M-DCT)
Performance			
0-62mph	Secs	4.3 (4.1)	
0-1000m	Secs	22.2 (21.9)	
In 4 <sup>th</sup> /5 <sup>th</sup> gear 50-75mph	Secs	3.5/4.2 (3.5/4.3)	3.5/4.2 (3.5/4.3)
Top speed	Mph	155 (electronically limited)	155 (electronically limited)
<b>BMW EfficientDynamics</b>			
		Brake Energy Regeneration, Electrical Power Steering, Engine Starts Stop, Optimum Gearshift Indicator, intelligent lightweight construction, on-demand of ancillary units, map-controlled oil pump, final drive with optimised warm-up behaviour	Brake Energy Regeneration, Electrical Power Steering, Engine Starts Stop, Optimum Gearshift Indicator, intelligent lightweight construction, on-demand of ancillary units, map-controlled oil pump, final drive with optimised warm-up behaviour
<b>Fuel Consumption (with std tyres)</b>			
Urban	mpg	23.5 (25.5)	23.5 (25.5)
	mpg	40.9 (42.2)	40.9 (42.2)
	mpg	32.1 (34.0)	32.1 (34.0)
CO2	g/km	204 (194)	204 (194)
Emission rating		EU6	EU6