



Press information
 Datum 14 January 2015
 Thema New Competition Package amps up the sporty personality of the BMW M3 and BMW M4.
 Seite 3

The BMW M3 Sedan with Competition Package. The BMW M4 Coupe with Competition Package. The BMW M4 Convertible with Competition Package. Specifications.

		BMW M3 Sedan with Competition Package	BMW M4 Coupe with Competition Package	BMW M4 Convertible with Competition Package
Body				
No of doors/seats		4/5	2/4	2/4
Length/width/height (unladen)	mm	4671/1877/1431	4671/1870/1392	4671/1870/1392
Wheelbase	mm	2812	2812	2812
Track, front/rear	mm	1579/1604	1579/1604	1579/1604
Ground clearance	mm	120	121	119
Turning circle	m	12,2	12,2	12,2
Fuel tank capacity	app ltr	60	60	60
Engine oil ¹⁾	ltr	6,5	6,5	6,5
Weight, unladen, to DIN/EU	kg	1535/1610 (1560/1635)	1515/1590 (1540/1615)	1765/1840 (1790/1865)
Max load to DIN	kg	565 (540)	525 (500)	485 (460)
Max permissible weight	kg	2100	2040	2250
Max axle load, front/rear	kg	990/1170	970/1130	1050/1250
Max trailer load,	kg	---/---	---/---	---/---
Braked (12%)/unbraked				
Max roofload/max towbar download	kg	75/---	75/---	---/---
Luggage comp capacity	ltr	480	445	220–370
Air resistance	C _d x A	0.34 x 2.29	0.34 x 2.23	0.34 x 2.23
Power Unit				
Config/No of cyls/valves		In-line/6/4		
Engine technology		M TwinPower Turbo technology with two mono-scroll turbochargers, High Precision Direct Petrol Injection, fully variable valve timing (VALVETRONIC) and variable camshaft control (Double-VANOS)		
Effective capacity	cc	2.979		
Stroke/bore	mm	89.6 / 84.0		
Compression ratio	:1	10,2		
Fuel		RON95 – RON98		
Max output	kW/hp	331/450		
at	rpm	7000		
Max torque	Nm/lb-ft	550/406		
at	rpm	1850–5500		
Electrical System				
Battery/installation	Ah/–	69/luggage comp.		
Alternator	AW	209/2926 (at rated speed)		
Driving Dynamics and Safety				
Suspension, front		Aluminium double-joint spring strut axle, M-specific kinematics and rigidity set-up		
Suspension, rear		Aluminium five-link axle, control arms and wheel carriers, rear axle subframe in lightweight steel construction, rigidly bolted to the body, M-specific kinematics and rigidity set-up		
Brakes, front		Four-piston fixed-calliper disc brakes / inner-vented, perforated		
Brakes, rear		Twin-piston fixed-calliper disc brakes / inner-vented, perforated		
Driving stability systems		Standard: DSC incl. ABS and MDM (M Dynamic Mode), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Stability interaction DSC / Active M Differential, Dry Braking function, Start-Off Assistant		



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Seite

4

		BMW M3 Sedan with Competition Package	BMW M4 Coupe with Competition Package	BMW M4 Convertible with Competition Package
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, 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 (rack-and-pinion) ratios		
Steering ratio, overall		:1	15.0	
Tyres, front/rear		265/30 ZR20 94Y / 285/30 ZR20 99Y		
Rims, front/rear		9.0J x 20 light-alloy / 10.0J x 20 light-alloy		
Transmission				
Type of transmission		6-speed manual gearbox (optional: 7-speed Double Clutch Transmission)		
Gear ratios		I	:1	4.110 (4.806)
		II	:1	2.315 (2.593)
		III	:1	1.542 (1.701)
		IV	:1	1.179 (1.277)
		V	:1	1.000 (1.000)
		VI	:1	0.846 (0.844)
		VII	:1	----- (0.671)
		R	:1	3.727 (4.172)
Final drive		:1	3.462 (3.462)	
Performance				
Power-to-weight ratio		kg/kW	4.6 (4.7)	4.6 (4.7) 5.3 (5.4)
Output per litre		kW/ltr	111.1	111.1 111.1
Acceleration 0–100 km/h		sec	4.2 (4.0)	4.2 (4.0) 4.5 (4.3)
In 5th gear 80–120 km/h		sec	4.2 (4.3)	4.2 (4.3) 4.8 (4.9)
Top speed		km/h	250/280 ²⁾	250/280 ²⁾ 250/280 ²⁾
BMW EfficientDynamics				
BMW EfficientDynamics standard features		Brake Energy Regeneration, Electric Power Steering, Engine Start Stop function, Optimum Gearshift Indicator (6-speed manual gearbox and 7-speed Double Clutch Transmission in manual mode), intelligent lightweight construction, on-demand operation of ancillary units, map-controlled oil pump, final drive with optimised warm-up behaviour		
Fuel Consumption ECE³⁾				
With standard tyres				
Urban		ltr/100 km	12.0 (11.1)	12.0 (11.1) 12.4 (11.5)
Extra-urban		ltr/100 km	6.9 (6.7)	6.9 (6.7) 7.2 (7.1)
Combined		ltr/100 km	8.8 (8.3)	8.8 (8.3) 9.1 (8.7)
CO ₂		g/km	204 (194)	204 (194) 213 (203)
Emission rating			EU6	EU6 EU6

Specifications apply to ACEA markets/data relevant to homologation apply in part only to Germany (weight)
Figures in brackets apply to 7-speed Double Clutch Transmission

¹⁾ Oil change

²⁾ In conjunction with the optional M Driver's Package

³⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format