

## 8. Specifications.



BMW M2 Coupe		
<b>Body</b>		
No of doors/seats		2/4
Length/width/height (unladen)	mm	4468/1854/1410
Wheelbase	mm	2693
Track, front/rear	mm	1579/1601
Ground clearance	mm	123
Turning circle	m	11.7
Fuel tank capacity	app ltr	52
Cooling system incl heater	ltr	10.3
Engine oil <sup>1)</sup>	ltr	6.5
Weight, unladen, to DIN/EU	kg	1495/1570 (1520/1595)
Max load to DIN	kg	515 (490)
Max permissible weight	kg	2010
Max axle load, front/rear	kg	970/1080
Max trailer load,	kg	---/---
Braked (12%)/unbraked		
Max roofload/max towbar download	kg	75/---
Luggage comp capacity	ltr	390
Air resistance	$C_d \times A$	0.35 x 2.21
<b>Power Unit</b>		
Config/No of cyls/valves		In-line/6/4
Engine technology	M TwinPower Turbo technology: TwinScroll turbocharger, High Precision Injection, VALVETRONIC fully variable valve control, Double-VANOS variable camshaft timing	
Effective capacity	cc	2979
Stroke/bore	mm	89.6/84.0
Compression ratio	:1	10.2
Fuel		min. RON 95
Max output	kW/hp	272/370
at	rpm	6500
Max torque	Nm/lb-ft	465/343
at	rpm	1400–5560
<b>Electrical System</b>		
Battery/installation	Ah/–	80/Luggage compartment
Alternator	A/W	209/2926
<b>Driving Dynamics and Safety</b>		
Suspension, front	Aluminium double-joint spring strut axle in lightweight construction with M-specific elastokinematics	
Suspension, rear	Aluminium five-link axle in lightweight construction with M-specific elastokinematics	
Brakes, front	Four-piston floating-calliper disc brakes / vented	
Brakes, rear	Double-piston floating-calliper disc brakes / vented	
Driving stability systems	Standard: DSC incl ABS and M Dynamic Mode, CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, Active M Differential linked to Integrated Chassis Management (ICM)	
Safety equipment	Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats	
Steering	Electric Power Steering (EPS) with M-specific Servotronic function	
Steering ratio, overall	:1	15.0
Tyres, front/rear		245/35 ZR19 93Y 265/35 ZR19 98Y
Rims, front/rear		9.0J x 19 Light Alloy 10.0J x 19 Light Alloy

BMW M2 Coupe			
Transmission			
Type of transmission		6-speed manual (7-speed M Double Clutch Transmission with Drivelogic)	
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		5.5 (5.6)
Output per litre	kW/ltr		91.3
Acceleration	0–100 km/h	sec	4.5 (4.3)
In 5th gear	80–120 km/h	sec	4.4
Top speed	km/h		250/270 <sup>2)</sup>
BMW EfficientDynamics			
BMW EfficientDynamics standard features		Brake Energy Regeneration, electromechanical power steering, Automatic Start/Stop function, intelligent lightweight construction, on-demand operation of ancillary units, differential with optimised-warm-up behaviour, map-regulated oil pump	
Fuel Consumption ECE <sup>3)</sup>			
With standard tyres			
Urban	ltr/100 km		11.6 (10.5)
Extra-urban	ltr/100 km		6.7 (6.4)
Combined	ltr/100 km		8.5 (7.9)
CO <sub>2</sub>	g/km		199 (185)
Emission rating	EU6		

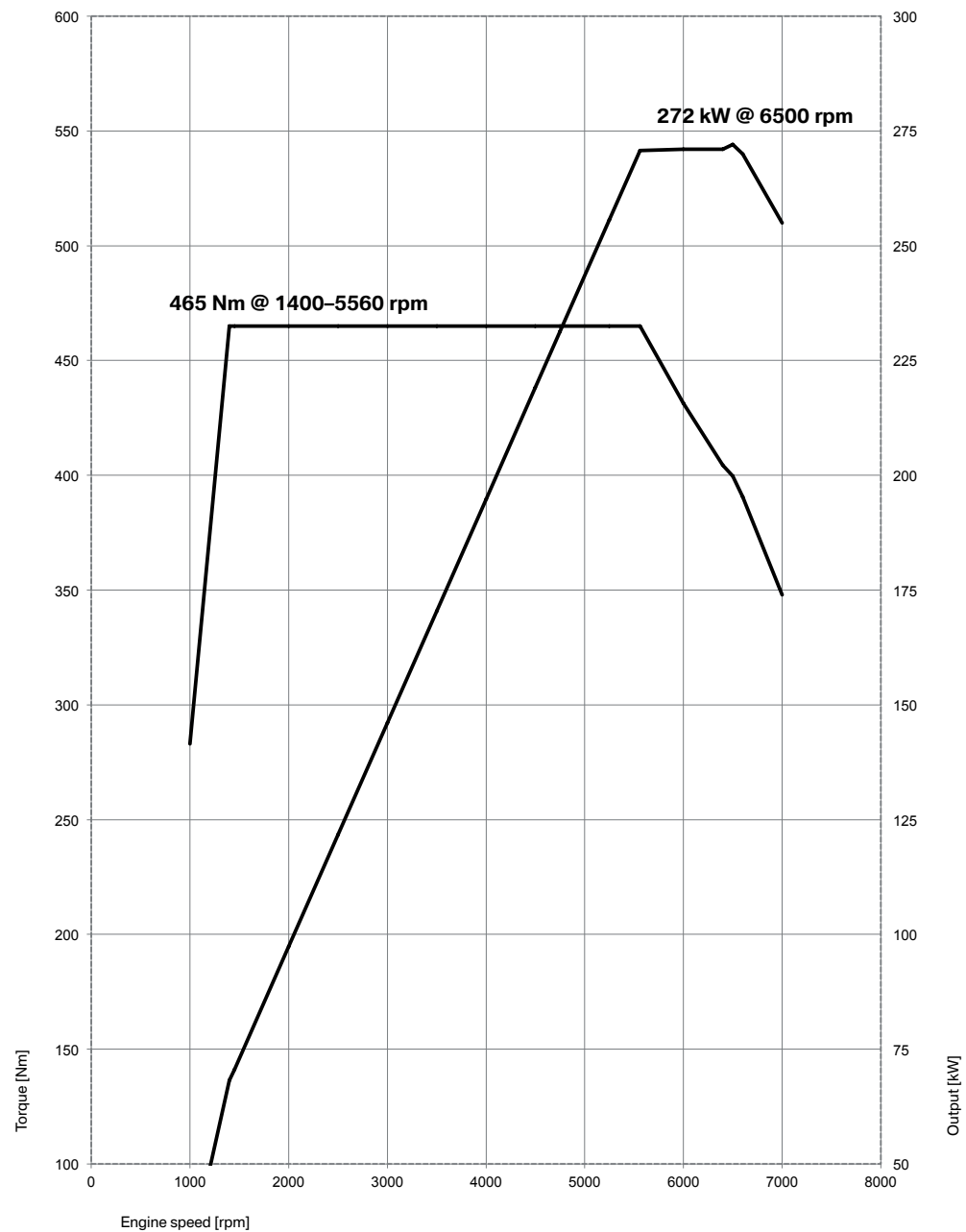
Specifications apply to ACEA markets/data relevant to homologation apply in part only to Germany (weight)  
Figures in brackets apply to models with M DCT

<sup>1)</sup> Oil change

<sup>2)</sup> In conjunction with the optional M Driver's Package

<sup>3)</sup> Fuel consumption and CO<sub>2</sub> emissions depend on the selected tyre format

## 9. Output and torque diagrams.



## 10. Exterior and interior dimensions.

