EU Specifications. BMW M6 Coupe. 3.



		BMW M6 Coupe
Body		
No. of doors/seats		2/4
Length/width/height (unladen)	mm	4898 / 1899 / 1368
Wheelbase	mm	2851
Track, front/rear	mm	1630 / 1612
Ground clearance	mm	107
Turning circle	m	12.1
Tank capacity	approx. I	80
Cooling system incl heating	1	18.5
Engine oil ¹⁾	1	8.4
Weight, unladen, to DIN/EU	kg	1850 / 1925
Max load to DIN	kg	500
Max permissible weight	kg	2350
Max axle load, front/rear	kg	1180 / 1220
Max trailer load, braked (12%)/unbraked	kg	1
Max roof load/towbar download	kg	
Luggage comp capacity	ky_	460
Air drag		0.33 x 2.29
	c _d x A	U.33 X 2.29
Engine		
Configuration/No of cyls/valves		V90 / 8 / 4
Engine technology		M TwinPower Turbo technology with cross-bank exhaust manifold, Twin Scroll Twin Turbo technology, High Precision Direct Petrol Injection, VALVETRONIC and
Effective capacity	cm ³	Double-Vanos 4395
Bore/stroke	mm	88.3 / 89.0
Compression ratio	:1	10.0
Fuel grade		RON 98 (min 95)
Output	kW/hp	412 / 560
at	min ⁻¹	6000 – 7000
Torque	Nm	680
<u>at </u>	min ⁻¹	1500 – 5750
Plant 2 miles at a second		
Electrical system		407.11
Battery/Installation	Ah/–	105 / luggage comp
Alternator	A/W	210 / 2926
Driving dynamics and safety		
Suspension, front		Double track control arm with M-specific elastokinematics, small, negative steering roll radius, anti-dive
Suspension, rear		Integral-V multi-arm axle with M-specific elastokinematics, spatial suspension with anti-squat and anti-dive
Brakes, front		Six-piston fixed-calliper compound disc brakes
Diameter	mm	400 x 36 / vented
Brakes, rear		Single-piston floating-calliper compound disc brakes
Diameter	mm	396 x 24 / vented
Driving stability systems		Standard: DSC incl. ABS, ASC and MDM (M Dynamic Mode), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Start-Off Assistant, M Dynamic Damper Control, Active M Differential, linked to ICM (Integrated Chassis Management)
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, crash-activated head restraints at the front, crash sensors, Tyre Defect Indicator
Steering		
Steering Steering ratio, overall	:1	Tyre Defect Indicator
	:1	Tyre Defect Indicator Hydraulic rack-and-pinion steering with M-specific Servotronic function

BMW Connec	tedDrive			
Convenience			Optional: BMW Assist incl. Enquiry Service, remote-control functions, Real-Time Traffic Information, BMW TeleServices, integration of mobile devices	
Infotainment			Optional: internet access, BMW Online incl. Park Info, National Info, Google Local Search, News, Realtime Weather, BMW Routes, Office functions, Bluetooth Audio Streaming, Online Update Music Tracks, Apps	
Safety			Optional: High Beam Assistant, Park Distance Control, rear-view camera, Surround View incl. Top View and Side View, BMW Night Vision with pedestrian recognition, Head-Up Display, Lane Change Warning, Lane Departure Warning, Speed Limit Info, Advanced eCall	
Transmission	 I			
Type of gearbo	x		Seven-speed M Double Clutch Transmission with Drivelogic	
Gear ratios	1		4.80	
	II	:1	2.59	
	III	:1	1.70	
	IV	:1	1.27	
	V	:1	1.000	
	VI	:1	0.84	
	VII	:1	0.67	
	R	:1	4.173	
Final drive		:1	3.15	
Performance				
Power-to-weigh	nt ratio	kg/kW	4.	
Output per litre		kW/l	93.	
Acceleration	0–100 km/h	S	4.3	
	0–1000 m	S	21.9	
in 4 th /5th gear	80–120	S	3.6 / 4.	
Top speed		km/h	250 / 305	
BMW Efficien	tDynamics			
BMW EfficientDynamics standard features			Brake Energy Regeneration with recuperation display, Auto Start-Stop function, intelligent lightweight construction, on-demand operation of ancillary units, flow rate-controlled power steering pump, tyres with reduced rolling resistance	
Fuel consump	otion EU			
Urban		l/100km	14.	
Extra-urban		I/100km	7.	
Combined		I/100km	9.9	
CO ₂		g/km	23.	
Emission rating			EU:	
Insurance gro	un			
3P / FCC / FC	up			

 $Specifications\ apply\ to\ ACEA\ markets;\ data\ relevant\ to\ homologation\ applicable\ in\ part\ only\ to\ Germany\ (weight)$

Oil change quantity
 In conjunction with optional M Driver's Package
 Data not yet available

2/2012

BMW M6 Convertible.

Ground clearance Turning circle Tank capacity appi Cooling system incl heating Engine oil ¹⁾ Weight, unladen, to DIN/EU Max load to DIN Max permissible weight Max axle load, front/rear Max trailer load, braked (12%)/unbraked Max roof load/towbar download Luggage comp capacity	mm mm mm mrox. I I kg kg kg kg	2 / 4 4898 / 1899 / 1368 2851 1630 / 1612 107 12.1 80 18.5 8.4 1980 / 2055 430 2410 1200 / 1260 -/
No. of doors/seats Length/width/height (unladen) Wheelbase Track, front/rear Ground clearance Turning circle Tank capacity appl Cooling system incl heating Engine oil 1) Weight, unladen, to DIN/EU Max load to DIN Max permissible weight Max axle load, front/rear Max trailer load, braked (12%)/unbraked Max roof load/towbar download Luggage comp capacity Air drag c	mm mm mm rox. I I kg kg kg kg	4898 / 1899 / 1368 2851 1630 / 1612 107 12.1 80 18.5 8.4 1980 / 2055 430 2410 1200 / 1260
Length/width/height (unladen) Wheelbase Track, front/rear Ground clearance Turning circle Tank capacity appl Cooling system incl heating Engine oil 17 Weight, unladen, to DIN/EU Max load to DIN Max permissible weight Max axle load, front/rear Max trailer load, braked (12%)/unbraked Max roof load/towbar download Luggage comp capacity Air drag c. Engine Configuration/No of cyls/valves	mm mm mm rox. I I kg kg kg kg	4898 / 1899 / 1368 285 1630 / 1612 107 12. 80 18.9 1980 / 2059 430 2410 1200 / 1260
Wheelbase Track, front/rear Ground clearance Turning circle Tank capacity appi Cooling system incl heating Engine oil 1) Weight, unladen, to DIN/EU Max load to DIN Max permissible weight Max axle load, front/rear Max trailer load, braked (12%)/unbraked Max roof load/towbar download Luggage comp capacity Air drag c. Engine Configuration/No of cyls/valves	mm mm mm rox. I I kg kg kg kg	285 1630 / 1612 107 12. 80 18.9 1980 / 2059 430 2410 1200 / 1260
Track, front/rear Ground clearance Turning circle Tank capacity appr Cooling system incl heating Engine oil 1) Weight, unladen, to DIN/EU Max load to DIN Max permissible weight Max axle load, front/rear Max trailer load, braked (12%)/unbraked Max roof load/towbar download Luggage comp capacity Air drag c Engine Configuration/No of cyls/valves	mm mm rox. l l kg kg kg kg	1630 / 1612 10: 12: 86 18.9 1980 / 2059 436 2410 1200 / 1260
Ground clearance Turning circle Tank capacity appr Cooling system incl heating Engine oil Weight, unladen, to DIN/EU Max load to DIN Max permissible weight Max axle load, front/rear Max trailer load, braked (12%)/unbraked Max roof load/towbar download Luggage comp capacity Air drag c	mm m rox. l l kg kg kg kg kg kg	10: 12: 88 18: 8. 1980 / 205: 430 2410 1200 / 1260 - / / / - 300 - 350
Turning circle Tank capacity appr Cooling system incl heating Engine oil 1) Weight, unladen, to DIN/EU Max load to DIN Max permissible weight Max axle load, front/rear Max trailer load, braked (12%)/unbraked Max roof load/towbar download Luggage comp capacity Air drag c Engine Configuration/No of cyls/valves	m rox. l l kg kg kg kg kg kg	12. 81 18. 8. 1980 / 205: 430 2410 1200 / 1260 -//- 300 - 350
Tank capacity appi Cooling system incl heating Engine oil 1) Weight, unladen, to DIN/EU Max load to DIN Max permissible weight Max axle load, front/rear Max trailer load, braked (12%)/unbraked Max roof load/towbar download Luggage comp capacity Air drag c Engine Configuration/No of cyls/valves	rox. l l kg kg kg kg kg kg	80 18.3 8.4 1980 / 2053 430 2410 1200 / 1260 -/- -/- 300 - 350
Cooling system incl heating Engine oil 1) Weight, unladen, to DIN/EU Max load to DIN Max permissible weight Max axle load, front/rear Max trailer load, braked (12%)/unbraked Max roof load/towbar download Luggage comp capacity Air drag c, Engine Configuration/No of cyls/valves	kg kg kg kg kg kg	18.1 8.4 1980 / 2051 430 2410 1200 / 1260 -/- -/- 300 - 350
Engine oil 1) Weight, unladen, to DIN/EU Max load to DIN Max permissible weight Max axle load, front/rear Max trailer load, braked (12%)/unbraked Max roof load/towbar download Luggage comp capacity Air drag c, Engine Configuration/No of cyls/valves	kg kg kg kg kg	8.4 1980 / 205: 43(241(1200 / 126(-/- -/- 300 - 35(
Weight, unladen, to DIN/EU Max load to DIN Max permissible weight Max axle load, front/rear Max trailer load, braked (12%)/unbraked Max roof load/towbar download Luggage comp capacity Air drag c, Engine Configuration/No of cyls/valves	kg kg kg kg kg	1980 / 205: 43: 241(1200 / 126(-/- -/- 300 - 35(
Max load to DIN Max permissible weight Max axle load, front/rear Max trailer load, braked (12%)/unbraked Max roof load/towbar download Luggage comp capacity Air drag Configuration/No of cyls/valves	kg kg kg kg	430 2410 1200 / 1260 -/- -/- 300 - 350
Max permissible weight Max axle load, front/rear Max trailer load, braked (12%)/unbraked Max roof load/towbar download Luggage comp capacity Air drag c, Engine Configuration/No of cyls/valves	kg kg kg	2410 1200 / 1260 - / - - / - 300 - 350
Max axle load, front/rear Max trailer load, braked (12%)/unbraked Max roof load/towbar download Luggage comp capacity Air drag Configuration/No of cyls/valves	kg kg kg	1200 / 1260 - / · - / · - 300 - 350
Max trailer load, braked (12%)/unbraked Max roof load/towbar download Luggage comp capacity Air drag Configuration/No of cyls/valves	kg kg	-1: -1: 300 - 350
braked (12%)/unbraked Max roof load/towbar download Luggage comp capacity Air drag c. Engine Configuration/No of cyls/valves	kg	
Luggage comp capacity Air drag c Engine Configuration/No of cyls/valves	Ī	
Air drag c. Engine Configuration/No of cyls/valves	I d x A	
Air drag c. Engine Configuration/No of cyls/valves	a X A	0.33 x 2.29
Engine Configuration/No of cyls/valves		
Configuration/No of cyls/valves		
Configuration/No of cyls/valves		
		V90/8/4
5		M TwinPower Turbo technology
		with cross-bank exhaust manifold Twin Scroll Twin Turbo technology High Precision Direct Petrol Injection VALVETRONIC and Double-Vanos
Effective capacity	cm ³	4395
Bore/stroke	mm	88.3 / 89.0
Compression ratio	:1	10.6
	. !	
Fuel grade		RON 98 (min 95
·	N/hp · -1	412 / 560
	nin ⁻¹	6000 – 7000
Torque	Nm	680
<u>at</u> n	min ⁻¹	1500 – 5750
Electrical aveters		
Electrical system	A I. /	405 / 1
	Ah/-	105 / luggage comp
Alternator	A/W	210 / 2926
Driving dynamics and safety		
Suspension, front		Double track control arm with M-specific elastokinematics, small, negative steering roll radius, anti-dive
Suspension, rear		Integral-V multi-arm axle with M-specific elastokinematics, spatial suspension with anti-squat and anti-dive
Brakes, front		Six-piston fixed-calliper compound disc brakes
Diameter	mm	400 x 36 / vented
Brakes, rear		Single-piston floating-calliper compound disc brakes
Diameter	mm	396 x 24 / vented
Driving stability systems		Standard: DSC incl. ABS, ASC and MDM (M Dynamic Mode), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Start-Off Assistant, M Dynamic Damper Control, Active M Differential, linked to ICM (Integrated Chassis Management)
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger combined with head airbags, three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front, crash-activated head restraints at the front, roll-over protection system, crash sensors, Tyre Defect Indicator
Steering		Hydraulic rack-and-pinion steering with M-specific Servotronic function
Steering ratio, overall	:1	13.1
Tyres, front/rear		265/40 R19 102\ 295/35 R19 104\
Rims, front/rear		9.5J x 19 LM 10.5J x 19 LM

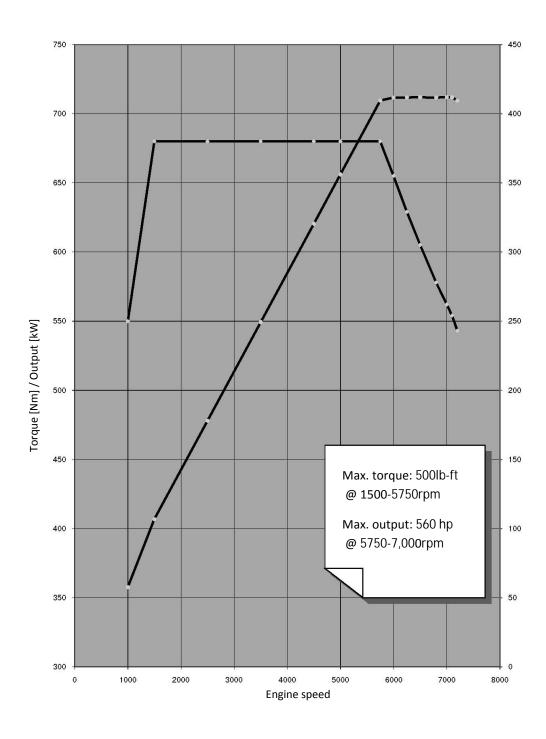
			BMW M6 Convertible
BMW Connec	tedDrive		
Convenience			Optional: BMW Assist incl. Enquiry Service, remote-control functions, Real-Time Traffic Information, BMW TeleServices, integration of mobile devices
Infotainment			Optional: internet access, BMW Online incl. Park Info, National Info, Google Local Search, News, Realtime Weather, BMW Routes, Office functions, Bluetooth Audio Streaming, Online Update Music Tracks, Apps
Safety			Optional: High Beam Assistant, Park Distance Control, rear-view camera, Surround View incl. Top View and Side View, BMW Night Vision with pedestrian recognition, Head-Up Display, Lane Change Warning, Lane Departure Warning, Speed Limit Info, Advanced eCall
Transmission			
Type of gearbo			Seven-speed M Double Clutch Transmission with Drivelogic
Gear ratios			4,806
	II		2.593
	III		1.70
	IV		1.277
	V		1.000
	VI		0.844
	VII		0.67
	R		4.172
Final drive			3.154
Performance			
Power-to-weigh	nt ratio	kg/kW	4.8
Output per litre		kW/l	93.7
Acceleration	0–100 km/h	S	4.0
	0–1000 m	S	22.1
in 4 th /5th gear	80–120	S	3.8 / 4.8
Top speed		km/h	250 / 305
BMW Efficien	tDynamics		
BMW EfficientE standard feature			Brake Energy Regeneration with recuperation display, Auto Start-Stop function, intelligent lightweight construction, on-demand operation of ancillary units, flow rate-controlled power steering pump, tyres with reduced rolling resistance
Fuel consump	otion EU		
Urban		l/100km	14.
Extra-urban		l/100km	7.9
Combined		l/100km	10.3
CO ₂		g/km	239
Emission rating			EU
Insurance gro	oup		
3P / FCC / FC			3

 $Specifications\ apply\ to\ ACEA\ markets;\ data\ relevant\ to\ homologation\ applicable\ in\ part\ only\ to\ Germany\ (weight)$

Oil change quantity
 In conjunction with optional M Driver's Package
 Data not yet available

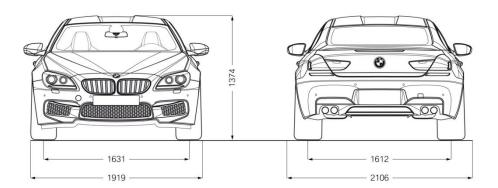
4. Output and torque diagrams.

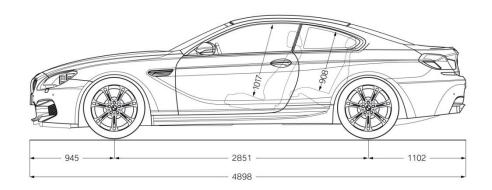


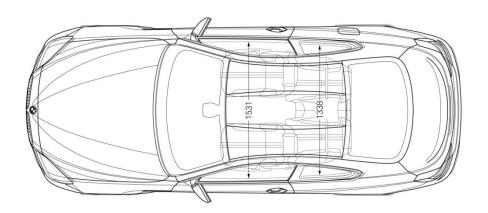


5. Exterior and interior dimensions. BMW M6 Coupe.









2/2012

BMW M6 Convertible.

