BMW Media Information Specifications. BMW M6 Coupe.

6/2012

Valid from 7/2012



Length-widthheight (unladen) mm 4898 / 1899			BMW M6 Coupe
No. of doors/searls Length/width/finejth (unladen) mm 4898/1899/152 Wheebbase mm 1831/16 Track, front/ivear mm 1831/16 Track front/ivear mm 1831/16 Track front/ivear mm 1831/16 Track capacity approx.1 Cooling system incl heating I	Dadu		
Lengthwidthheight (unladen) mm 4898 / 1899 /			2/4
Wheelbase		mm	
Track, front/rear mm (1631/16) Ground clearance mm (177) Turning circle m (178) Tark capacity approx. I Cooling system incl heating I (178) Engine oil I (178) Max load to DIN kg (178) Max load to DIN kg (178) Max load to DIN kg (178) Max ade load, front/rear kg (178) Max rade load, front/rear kg			2851
Ground clearance mm 1 Turning circle m 1 Turning circle m 1 Turning circle m 1 Tarik capacity approx.1 Cooling system incl heating I			
Turning circle m Tank capacity approx.! Tank capacity by approx.! Tank capacity by approx.! Tank capacity approx Tank ca			106
Tank capacity approx. I Cooling system incl heating I Sirgine oil** I Weight, unladen, to DINEU kg 1850/18 Max parmissible weight kg 2.2 Max axide load, front/rear kg 1180 / 12 Max parmissible weight kg 2.2 Max axide load, front/rear kg 1180 / 12 Max parmissible weight kg 2.2 Max axide load, front/rear kg 1180 / 12 Max roll (22%) Junbraked kg 5 Max roll (22%) Junbraked kg 6 Max roll (22%) Junbraked kg 6 Max roll (22%) Junbraked kg 6 Max roll (22%) Junbraked kg 7 Air drag 6,2 A 0.32 x 2 Engine Configuration/No of cylsvalves 7 Engine technology M 17 min Power Turbo technology M 17 min Fower Turbo technology M 18 min Fower Turbo tec			12.1
Cooling system incl heating 1 1 1 1 1 1 1 1 1			80
Engine oil 19 Weight, unladen, to DINEU kg Max load to DIN kg Max permissible weight kg Max permissible weight kg Max permissible weight kg Max trailer load, kg Max trailer load, kg Max roof load/flowbar download kg Lugage comp capacity I Air drag Engine Configuration/No of cyls/valves Engine technology M TwinPower Turbo technology M TwinSoroll Twin Turbo technology M Twin Turbo M Twin Turbo M Twin Tu			18.5
Weight, unladen, to DIN/EU kg 1850/15 Max load to DIN kg 2 Max permissible weight kg 22 Max ade load, front/rear kg 1180 / 12 Max trailer load, kg 180 / 180 / 12 Max trailer load, kg 180 / 180 / 12 Max trailer load, kg 180 / 180		<u> </u>	8.4
Max load to DIN kg Max permissible weight kg Max axele load, front/rear kg Max axele load, front/rear kg Max roof load/ftowbar download Max roof load/ftowb		l l	
Max permissible weight kg 23 Max axel load, front/rear kg 1180/12 Max vale load, front/rear kg 1180/12 Max roale load, front/rear kg 1280/unbraked			
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Max trailer load, braked (12%)(hubraked braked (12%)(hubraked braked (12%)(hubraked braked (12%)(hubraked braked (12%)(hubraked braked (12%)(hubraked braked braked (12%)(hubraked braked brake			2350
braked (12%)/unbraked Max roof load/towbar download kg Luggage cmp capacity I 90.2 x A Regine Configuration/No of cyls/valves Engine technology Engine technology May roof load/towbar download Regine technology Engine technology May roof load/towbar download Regine technology May roof load/towbar download May roof load/towbar download Regine technology May roof load/towbar download May roof load/towbar download May roof load/towbar download Regine technology May roof load/towbar download Regine technology May roof load/towbar further townload May roof load/towbar further townload Regine technology May roof load/towbar further townload May roof load/towbar further townload Roof load/towbar further townload/townload Roof load/towbar further townload/townl			118071220
Luggage comp capacity 1 Air drag	braked (12%)/unbraked	кд	-1-
Engine Configuration/No of cyls/valves Engine technology M TwinPower Turbo technology M Twin Scroll Twin Turbo technology M Twin Scroll Twin Turbo technology M Twin Scroll Twin Turbo technology Effective capacity Compression ratio Stroke/bore mm M Ba.3 / 8 Compression ratio 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Max roof load/towbar download	kg	-1-
Engine E Configuration/No of cyls/valves Engine technology M TwinPower Turbo technology I was a supplementable to the should be	Luggage comp capacity	I	460
Engine technology Engine technology M TwinPower Turbo technology M TwinPower Turbo technology M TwinPower Turbo technology M Twin Scroll Twin Turbo technology With cross-bank exhaust manification of the processor of the p	Air drag	c _d x A	0.32 x 2.29
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with cross-bank exhaust manif Twin Scroll Twin Turbo technolc High Precision Direct Petrol Inject VALVETRONIC; Double-Val Stroke/bore mm 88.318 Compression ratio :1 88.31	Configuration/No of cyls/valves		V90/8/4
Stroke/bore mm 88.3/8 Compression ratio :1 1 1 Fuel grade RON 98 (mi) Output kW/hp 412/5 at min ⁻¹ 6000 - 77 Torque Nm 6000 - 77 Torque Nm 1500 - 53 Electrical system Battery/Installation Ah/- 105 / luggage co Alternator AW 210 / 25 Driving dynamics and safety Suspension, front Double track control arm with M-specific elastokinematics, small, negative steering roll radius, anti-dive Suspension, front Double track control arm with M-specific elastokinematics, spatial suspension with M-specific elastokinematics, spatial suspension, front Six-piston fixed-calliper compound disc brakes Diameter mm 400 x 36 / ven Brakes, front Six-piston floating-calliper compound disc brakes Diameter mm Standard: DSC incl. ABS, ASC and MDM (M Dynamic Mode), CBC (Corneri 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 limit at the front, crash-activated head restraints at the front, crash sensors, Tyre Defect Indicator	Engine technology		M TwinPower Turbo technology with cross-bank exhaust manifold, Twin Scroll Twin Turbo technology, High Precision Direct Petrol Injection, VALVETRONIC and Double-Vanos
Stroke/bore mm 88.3/8 Compression ratio :1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Effective capacity	cm ³	4395
Compression ratio :1 1 Fuel grade RON 98 (min Output kW/hp 412.15 at min ⁻¹ 6000 - 70 forque Nm 6000 - 70 forque Nm 1500 - 50			88.3 / 89.0
Fuel grade Output kW/hp at min ⁻¹ Torque Nm at min ⁻¹ Battery/Installation Ah/- Alternator AW Driving dynamics and safety Suspension, front Double track control arm with M-specific elastokinematics, small, negative steering roll radius, anti-dive Brakes, front Brakes, front Dimeter mm Six-piston fixed-calliper compound disc brakes Diameter Driving stability systems Standard: DSC incl. ABS, ASC and MDM (M Dynamic Mode), CBC (Corneri Brake Control), DBC (Dynamic Brake Control), DBC (Dynamic Brake Control), DBC (Dynamic Brake Control), DBC (Dynamic Brake Control), CBM Corneri Active Hospital 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 limit at the front, crash-activated head restraints at the front, crash sensors, Tyre Defect Indicator			10.0
Output kW/hp 412 / 5 at min ⁻¹ 6000 – 70 Torque Nm 6 at min ⁻¹ 1500 – 50 Electrical system Battery/Installation Ah/– 105 / luggage co Alternator AW 210 / 25 Driving dynamics and safety Double track control arm with M-specific elastokinematics, small, negative steering roll radius, anti-dive Suspension, front Double track control arm with M-specific elastokinematics, small, negative steering roll radius, anti-dive Brakes, front Integral-V multi-arm axle with M-specific elastokinematics, spatial suspensic with anti-squat and anti-dive Brakes, front Six-piston fixed-calliper compound disc brakes Diameter mm 400 x 36 / ven Brakes, rear Single-piston floating-calliper compound disc brakes Diameter mm 396 x 24 / ven Driving stability systems Standard: DSC incl. ABS, ASC and MDM (M Dynamic Mode), CBC (Corneri Brake Control), DpC (Dynamic Brake Control), Dp 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, h		• • • • • • • • • • • • • • • • • • • •	RON 98 (min 95)
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Torque Nm min ⁻¹ 1500 – 57 Electrical system Battery/Installation Ah/- 105 / luggage co Alternator AW 210 / 25 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 / ven Brakes, rear Single-piston floating-calliper compound disc brakes Diameter mm 396 x 24 / ven Driving stability systems Standard: DSC incl. ABS, ASC and MDM (M Dynamic Mode), CBC (Corneri 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 limit at the front, crash-activated head restraints at the front, crash sensors, Tyre Defect Indicator			6000 - 7000
Battery/Installation			680
Battery/Installation Ah/- 105 / luggage co Alternator AW 210 / 29 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-sequat and anti-dive Brakes, front Six-piston fixed-calliper compound disc brakes Diameter mm 400 x 36 / ven Brakes, rear Single-piston floating-calliper compound disc brakes Diameter mm 396 x 24 / ven Driving stability systems Standard: DSC incl. ABS, ASC and MDM (M Dynamic Mode), CBC (Corneri 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 limit at the front, crash-activated head restraints at the front, crash sensors, Tyre Defect Indicator			1500 – 5750
Battery/Installation Ah/- 105 / luggage co Alternator AW 210 / 29 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-sequat and anti-dive Brakes, front Six-piston fixed-calliper compound disc brakes Diameter mm 400 x 36 / ven Brakes, rear Single-piston floating-calliper compound disc brakes Diameter mm 396 x 24 / ven Driving stability systems Standard: DSC incl. ABS, ASC and MDM (M Dynamic Mode), CBC (Corneri 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 limit at the front, crash-activated head restraints at the front, crash sensors, Tyre Defect Indicator			
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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 / ven Brakes, rear Single-piston floating-calliper compound disc brakes Diameter mm 396 x 24 / ven Driving stability systems Standard: DSC incl. ABS, ASC and MDM (M Dynamic Mode), CBC (Corneri 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 limit at the front, crash-activated head restraints at the front, crash sensors, Tyre Defect Indicator	Driving dynamics and safety		
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Diameter mm 400 x 36 / ven Brakes, rear Single-piston floating-calliper compound disc brakes Diameter mm 396 x 24 / ven Driving stability systems Standard: DSC incl. ABS, ASC and MDM (M Dynamic Mode), CBC (Corneri 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 limit at the front, crash-activated head restraints at the front, crash sensors, Tyre Defect Indicator	Suspension, rear		Integral-V multi-arm axle with M-specific elastokinematics, spatial suspension with anti-squat and anti-dive
Diameter mm 400 x 36 / ven Brakes, rear Single-piston floating-calliper compound disc brakes Diameter mm 396 x 24 / ven Driving stability systems Standard: DSC incl. ABS, ASC and MDM (M Dynamic Mode), CBC (Corneri 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 limit at the front, crash-activated head restraints at the front, crash sensors, Tyre Defect Indicator	Brakes, front		Six-piston fixed-calliper compound disc brakes
Brakes, rear Single-piston floating-calliper compound disc brakes Diameter mm 396 x 24 / ven Driving stability systems Standard: DSC incl. ABS, ASC and MDM (M Dynamic Mode), CBC (Corneri 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 limit at the front, crash-activated head restraints at the front, crash sensors, Tyre Defect Indicator	· · · · · · · · · · · · · · · · · · ·	mm	400 x 36 / vented
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Driving stability systems Standard: DSC incl. ABS, ASC and MDM (M Dynamic Mode), CBC (Corneri 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 limit at the front, crash-activated head restraints at the front, crash sensors, Tyre Defect Indicator		mm	396 x 24 / vented
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 limit at the front, crash-activated head restraints at the front, crash sensors, Tyre Defect Indicator			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,
Steering Hydraulic rack-and-pinion steering with M-specific Servotronic function	Safety equipment	i	and front passenger, head airbags for front and rear seats, three-point nertia-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,
	Steering		Hydraulic rack-and-pinion steering with M-specific Servotronic function
Steering ratio, overall :1 13	Steering ratio, overall	:1	13.05
Tyres, front/rear 265/40 R19 10			265/40 R19 102Y 295/35 R19 104Y
Rims, front/rear 9.5J x 19 light-a	Rims, front/rear		9.5J x 19 light-alloy 10.5J x 19 light-alloy

BMW Media Information

6/2012

Valid from 7/2012

Specifications.

			BMW M6 Coupe
BMW Connec	tedDrive		Out and DAMA Assistant Face to October 1991
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 incl Collision Warning, Speed Limit Info with No Passing Info, Advanced eCall
Transmission			
Type of gearbo	х		Seven-speed M Double Clutch Transmission with Drivelogic
Gear ratios	I		4.806
	II .	:1	2.593
	III	:1	1.701
	IV	:1	1.277
	V	:1	1.000
	VI	:1	0.844
	VII	:1	0.671
	R	:1	4.172
Final drive		:1	3.154
Performance			
Power-to-weigh	<u> </u>	kg/kW	4.5
Output per litre		kW/l	93.7
Acceleration	0–100 km/h	S	4.2
th	0–1000 m	S	21.7
in 4 th /5th gear	80-120 km/h	S	3.6 / 4.5
Top speed		km/h	250 / 305 ²⁾
BMW Efficien			
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	-	I/100 km	14.0
Extra-urban		I/100 km	7.6
Combined		I/100 km	9.9
CO ₂		g/km	232
Emission rating			EU5

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

 $^{^{9}\,}$ Oil change $^{2}\,$ In conjunction with optional M Driver's Package