

BMW

Corporate Communications

Media Information

Date 22 July 2016

Topic **BMW M5 „Competition Edition“.**

The ultimate version of the fifth model generation of the BMW high-performance business sedan.

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the front or the through-loading system. The BMW M5 “Competition Edition” is available from 129,500 Euros.

Technical specifications.

BMW M5 “Competition Edition”		
Body		
Number of doors/seats		4/5
Length/Width/Height (EU unladen)	mm	4910/1891/1457
Wheelbase	mm	2964
Track front/rear	mm	1627/1582
Turning circle	M	12.6
Tank capacity	appr l	80
Cooling system incl. heating	l	18.5
Engine oil	l	8.4
Weight, unladen, to DIN/EU	kg	1870/1260
Max. load to DIN	kg	540
Max. perm. weight, overall	kg	2410
Max perm trailer load unbraked/braked	kg	2000/750
Perm roof load/trail download	kg	100/90
Luggage capacity	l	520
Air resistance	cd x A	0.33 x 2.40
Engine		
Config/no. of cyls./valves		V8/4
Engine technology		M TwinPower Turbo technology with cylinder bank comprehensive manifold, twin-scroll twin turbochargers, High Precision direct injection), Valvetronic and double VANOS
Capacity	cc	4395
Stroke/bore	mm	88.3/89.0
Compression ratio	:1	10.0
Fuel grade		ROZ 98 (min. ROZ 95)
Max output	kW/hp	441/600
at	min ⁻¹	6250
Max torque	Nm	700
at	min ⁻¹	1500–6000
Electrical system		
Battery/installation	Ah/–	105/luggage comp
Alternator	A/W	210/2926
Driving dynamics and safety		
Suspension, front		Double-joint spring strut axle with M specific elastokinematics, small, negative steering roll radius, anti-dive
Suspension, rear		Integral-V multi-arm axle with M specific elastokinematics, spatial suspension, anti-squat and anti-dive
Brakes, front		Six-piston fixed-calliper disc brakes in compound construction (ventilated)
Diameter	mm	400 x 36
Brakes, rear		Single-piston floating-calliper disc brakes in compound construction (ventilated)
Diameter	mm	396 x 24
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, Dynamic Damper Control, Active M Differential, networked with Integrated Chassis Management (ICM)

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Safety features	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 integrated in the front seats, crash-activated head restraints at the front, crash sensors, Tyre Defect Indicator		
Steering	Hydraulic rack-and-pinion steering with M specific Servotronic function		
Overall steering transmission	:1	18.0	
Tyres front/rear	265/40 R19 102Y / 295/35 R19 104Y		
Wheels front/rear	9 J x 19 LM / 10.0 J x 19 LM		
Transmission			
Type	Seven-speed M double-clutch transmission with Drivelogic		
Gear ratios	I	:1	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	3.150	
Performance			
Power-to-weight ratio	kg/kW	4.2	
Output per litre	kW/l	100.3	
Acceleration 0–100 km/h	s	3.9	
Acceleration 0–1000 m	s	21.5	
Top speed	km/h	250 / 305 (with opt. M Driver's Package)	
Fuel consumption EU			
Urban	l/100 km	13.9	
Extra-urban	l/100 km	7.6	
Composite	l/100 km	9.9	
CO ₂	g/km	231	
Emission classification	EU6		

Further information on official fuel consumption figures, specific CO₂ emission values and the electric power consumption of new passenger cars is included in the following guideline: "Leitfaden über Kraftstoffverbrauch, die CO₂-Emissionen und den Stromverbrauch neuer Personenkraftwagen" (Guideline for fuel consumption, CO₂ emissions and electric power consumption of new passenger cars), which can be obtained from all dealerships, from the Deutsche Automobil Treuhand Division (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Schornhausen and at <http://www.dat.de/en/offers/publications/guideline-for-fuel-consumption.html>. LeitfadenCO₂ (GuidelineCO₂) (PDF – 2.7 MB)

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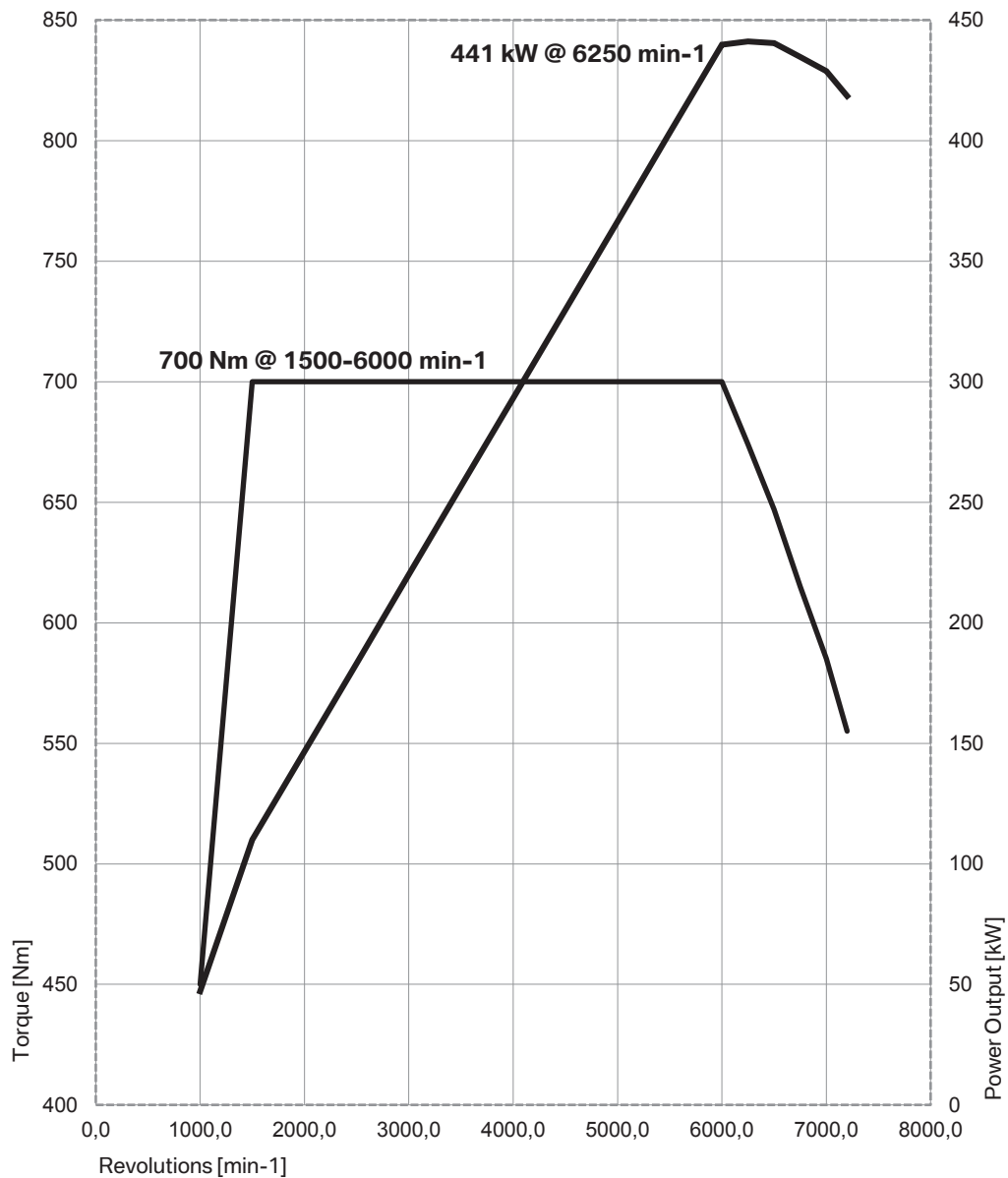
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Power and torque diagram.



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In the event of enquiries please contact:

Benjamin Titz, Product Communications BMW M Division
Phone: +49-89-382-22998, Fax: +49-89-382-20626

Internet: www.press.bmwgroup.com

E-Mail: presse@bmw.de

The BMW Group

With its three brands BMW, MINI and Rolls-Royce, the BMW Group is the world's leading premium manufacturer of automobiles and motorcycles and also provides premium financial and mobility services. As a global company, the BMW Group operates 31 production and assembly facilities in 14 countries and has a global sales network in more than 140 countries.

In 2015, the BMW Group sold approximately 2.247 million cars and nearly 137,000 motorcycles worldwide. The profit before tax for the financial year 2015 was approximately € 9.22 billion on revenues amounting to € 92.18 billion. As of 31 December 2015, the BMW Group had a workforce of 122,244 employees.

The success of the BMW Group has always been based on long-term thinking and responsible action. The company has therefore established ecological and social sustainability throughout the value chain, comprehensive product responsibility and a clear commitment to conserving resources as an integral part of its strategy.

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