



Media Information
22 July 2016

BMW M5 “Competition Edition”. **The ultimate version of the fifth model generation of the BMW high-performance business sedan.**

Munich. The BMW M Division has developed an exclusive special edition of the world’s most successful high-performance business sedan, setting yet another highlight in the current BMW M5 model range. With power output increased to 441 kW/600 hp and a maximum torque of 700 Newton metres, the BMW M5 “Competition Edition” ranks among the most powerful automobiles in the model history of the BMW brand (combined fuel consumption: 9.9 l/100 km; combined CO₂ emissions: 231 g/km)*. The BMW M5 “Competition Edition”, which comes as standard with an M dual clutch transmission featuring Drivelogic, sprints from 0 to 100km/h in just 3.9 seconds. A distinctive personalised look, the standard Competition Package and a comprehensive range of optional features render the BMW M5 “Competition Edition”, the production of which is limited to 200 worldwide, an automobile of exceptionally high value.

More power and further enhanced handling characteristics.

The familiar 4.4-litre, high-revving V8 engine featuring path-breaking BMW M TwinPower Turbo technology is the powerful heart of the BMW M5 “Competition Edition”. An increase in boost pressure as well as targeted modifications to the engine management raise the car’s performance vs. the production model by 29 kW/40 hp to 441 kW/600 hp. At the same time, maximum torque has increased by 20 Newton metres to 700 Newton metres.

The increase in power output harmonises perfectly with the Competition Package, which is supplied as standard on the BMW M5 “Competition Edition” and noticeably enhances the car’s handling characteristics even further. The Competition Package includes, inter alia, a lowering of the vehicle by 10 millimetres and a firmer setup of spring and damper systems and stabilizers. In conjunction with this modified setup, the specific control setting for the Active M differential fitted as standard on all BMW M5 models ensures further optimized traction. Furthermore, the steering system with an M specific Servotronic function comes with a more direct control map, providing the driver with more precise response and further enhancing the car’s agility in bends. In addition, the M Dynamic Mode of the stability control system DSC (Dynamic Stability Control) has been further aligned to sporty handling characteristics. As a result, the BMW M5

Firma
Bayerische
Motoren Werke
Aktiengesellschaft

Postanschrift
BMW AG
80788 München

Telefon
+49-89-382-56097

Internet
www.bmwgroup.com

*Figures based on the EU test cycle, may vary depending on the tyre format specified.

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“Competition Edition” guarantees typical M driving dynamics at the highest level both in everyday traffic and on the racetrack, especially when combined with the optional M carbon-ceramic brake system.

Exclusive sporty and dynamic look.

The BMW M5 “Competition Edition” signals its extraordinary potential even when at a standstill. The exclusive body colours – 100 vehicles in Carbon Black metallic and 100 in Mineral White metallic respectively – strongly emphasise the BMW M5’s sporty, elegant lines. And the 20-inch, forged and polished, double-spoke M light alloy wheels in a Jet Black finish and with mixed tyres (265/35 ZR20 at the front, 295/30 ZR20 at the rear) underscore the car’s outstanding handling characteristics. M Performance parts in carbon such as the rear diffuser, the gurney on the boot lid and the mirror caps set further dynamic accents. The high gloss black kidney grilles and side gills bearing the lettering “M5 Competition” add the finishing touches to the car’s premium appearance.

High-quality ambience with sporty accents in the interior.

The interior also underscores the uniqueness of the BMW M5 “Competition Edition”. For example, carbon interior trim strips bearing the logo “M5 Competition 1/200” indicate the model’s high-performance qualities and the fact that the BMW M5 “Competition Edition” is just one of the 200 worldwide that have been built. The sophisticated interior ambience is strongly characterised by the full leather trim Merino Black with contrast stitching in Opal White and floor mats in Anthracite with leather Merino Opal White bordering. Inside the BMW M5 “Competition Edition”, both driver and front passenger sit in M multifunctional seats, the comprehensive electric adjustment options of which guarantee a perfect balance between comfort and sporty lateral support. Here too, the white lettering “///M5” embroidered on the headrests emphasises the car’s exclusiveness.

Further equipment highlights round off the impressive appearance of the ultimate high-performance business sedan: These include the 1,200 watt Bang & Olufsen High End Surround Sound System, BMW Head-Up Display, Comfort Access,

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Lane Departure Warning or the optional BMW Driving Assistant, heated seats at the front or the through-loading system.

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-Scharnhausen and at <http://www.dat.de/en/offers/publications/guideline-for-fuel-consumption.html>. LeitfadenCO₂ (GuidelineCO₂) (PDF – 2.7 MB)

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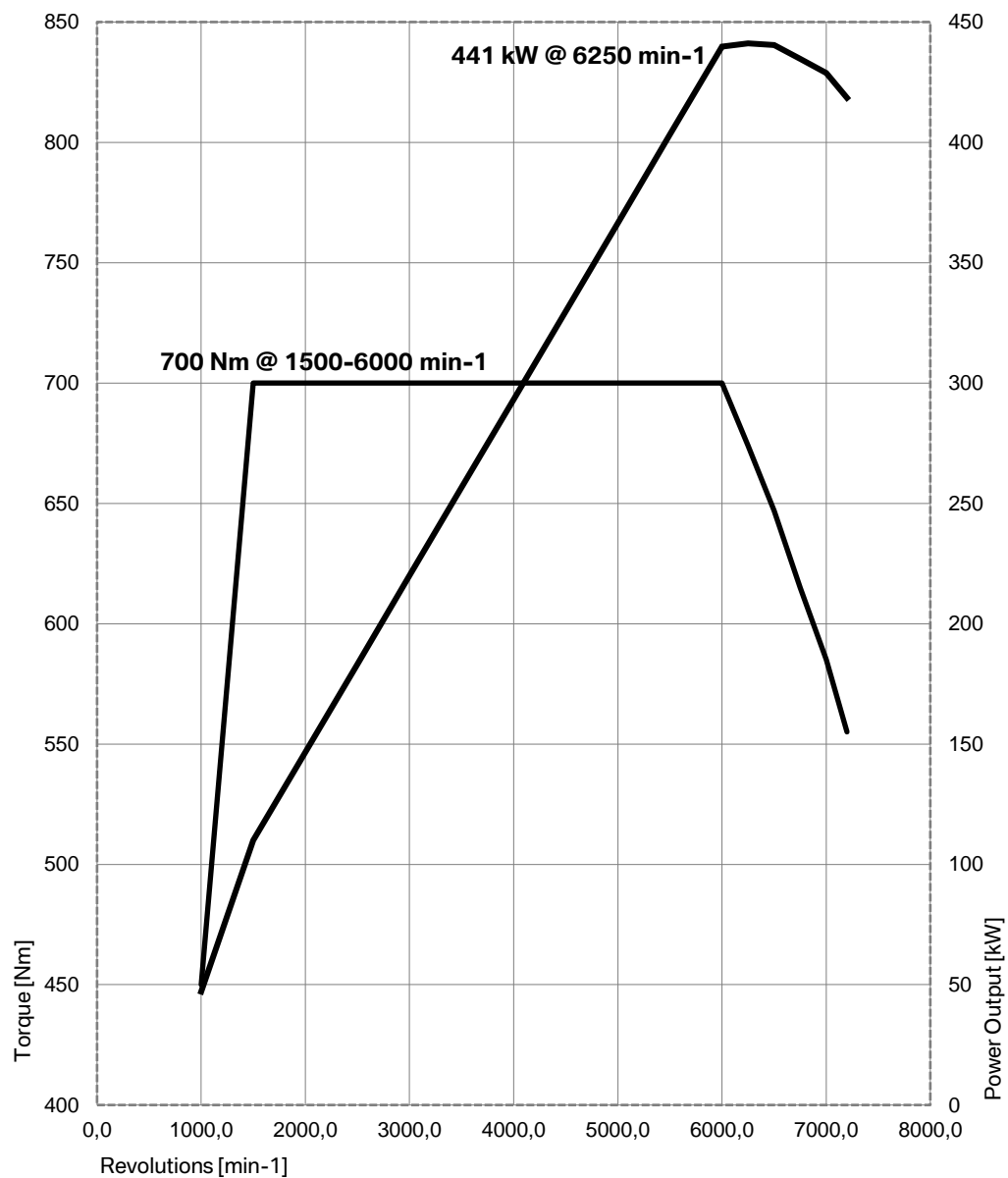
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Power and torque diagram.



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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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