

The new BMW M4 GTS.

Technical Specifications.

BMW M4 GTS		
Body		
No of doors/seats		2/2
Length/width/height (unladen)	mm	4698/1870/1383
Wheelbase	mm	2812
Track, front/rear	mm	1596/1604
Ground clearance	mm	108
Turning circle	m	12.2
Fuel tank capacity	app ltr	60
Cooling system incl heater	ltr	10.0
Engine oil ¹⁾	ltr	7.0
Weight, unladen, to DIN/EU	kg	1510/1585
Max load to DIN	kg	390
Max permissible weight	kg	1900
Max axle load, front/rear	kg	975/1000
Max trailer load, Braked (12%/unbraked)	kg	---/---
Max roofload/max towbar download	kg	---/---
Luggage comp capacity	ltr	445
Air resistance ²⁾	C _d x A	0.34 x 2.25
Power Unit		
Config/No of cyls/valves		In-line/6/4
Engine technology		M TwinPower Turbo technology: two MonoScroll turbochargers, High Precision Injection, VALVETRONIC fully variable valve lift control, Double- VANOS variable camshaft timing, Water Injection
Effective capacity	cc	2979
Stroke/bore	mm	89.6/84.0
Compression ratio	:1	10.2
Fuel		min. RON 95
Max output	bHP	493
at	rpm	6250
Max torque	lb-ft	442
at	rpm	4000-5500
Electrical System		
Battery/installation	Ah/-	69/Luggage compartment
Alternator	AW	209/2926
Driving Dynamics and Safety		
Suspension, front		Three-way M coilover suspension with aluminum double-joint spring-strut axle and M-specific elastokinematics
Suspension, rear		Three-way M coilover suspension with five-link axle in lightweight construction
Brakes, front		M carbon ceramic disc brakes vented with 6-piston fixed callipers
Brakes, rear		M carbon ceramic disc brakes vented with four-piston fixed callipers
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 seats, three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter
Steering		Electric Power Steering (EPS) with M-specific Servotronic function
Steering ratio, overall	:1	15.0
Tyres, front/rear		265/35 ZR19 98Y 285/30 ZR20 99Y
Rims, front/rear		9.5J x 19 Light Alloy 10.5J x 20 Light Alloy

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Transmission

Type of transmission	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	3.462

Performance

Output per litre		bHP/ltr	165.5
Acceleration	0-60 mph	sec	3.7
Top speed		mph	189.5

BMW EfficientDynamics

BMW EfficientDynamics standard features	Brake Energy Regeneration, electromechanical power steering, Automatic Start/Stop function, Optimum Gearshift Indicator in manual mode, intelligent lightweight construction, on-demand operation of ancillary units, map-regulated oil pump, Li-ion battery, differential with optimised warm-up behaviour, aerodynamics (Air Curtains, Air Breathers, underside panelling, front spoiler, rear wing with gurney flap)
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Specifications apply to ACEA markets/data relevant to homologation apply in part only to Germany (weight)

¹⁾ Oil change

²⁾ Provisional data

³⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format

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Output and torque diagrams.

