

Specifications.

The new BMW M4 GTS.



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 DINEU	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,	kg	---/---
Braked (12%)/unbraked		
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 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	kW/hp	368/500
at	rpm	6250
Max torque	Nm/lb-ft	600/442
at	rpm	4000-5500
Electrical System		
Battery/installation	Ah/-	69/Luggage compartment
Alternator	A/W	209/2926
Driving Dynamics and Safety		
Suspension, front	Three-way M coilover suspension with aluminium 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 six-piston floating callipers	
Brakes, rear	M carbon ceramic disc brakes vented with four-piston floating 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

Power-to-weight ratio	kg/kW	3.0 (4.1)
Output per litre	kW/ltr	123.5
Acceleration 0–100 km/h	sec	3.8
In 5th gear 80–120 km/h	sec	3.0/3.8
Top speed	km/h	305

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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Fuel Consumption ECE³

With standard tyres		
Urban	ltr/100 km	11.1
Extra-urban	ltr/100 km	6.7
Combined	ltr/100 km	8.3
CO ₂	g/km	194
Emission rating		EU6

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

Output and torque diagrams. The new BMW M4 GTS.

