



5/2010

valid from  
5/2010

BMW M3 GTS		
<b>Body</b>		
Number of doors/seats		2 / 2
Length/Width/Height	mm	4645 / 1804 / 1387
Wheelbase	mm	2760
Track front/rear	mm	1546 / 1539
Turning cycle	m	11.9
Tank capacity	appr	63
Cooling system incl.	ltr	11-4
Engine oil <sup>9)</sup>	ltr	8.8
Weight, unladen, to	kg	1530 / 1605
Max load to DIN	kg	350
Max perm weight,	kg	1880
Max perm axle load	kg	950 / 980
Max perm trailer load (12 %)	kg	- / -
Perm roof load/trail	kg	- / -
Luggage capacity	l	430
Air resistance	cd x A	0.34 x 2.17
<b>Engine</b>		
Config/no of cyls/valves		V / 8 / 4
Engine technology		High-revving concept with individual throttle valves, Bi-Vanos, dynamically optimised oil supply and ionic-current knock
Capacity	cc	4361
Stroke/bore	mm	82.0 / 92.0
Compression ratio	:1	12.0
Fuel grade		at least RON 95
Max output	kW/bh	331 / 450
at	min <sup>-1</sup>	8300
Max torque	Nm	440
at	min <sup>-1</sup>	3750
<b>Electrical system</b>		
Battery/installation	Ah/-	70 / luggage comp
Alternator	A/W	180 / 2520
<b>Driving dynamics and safety</b>		
Suspension, front		Aluminium double-joint spring-strut suspension with tension rod; small, positive steering scrub radius; traverse force compensation; anti-dive, coilover suspension with dampers independently variable in compression and rebound travel, variable wheel camber
Suspension, rear		Lightweight five-link rear suspension with anti-squat and anti-dive, rigid rear-axle support, coilover suspension with dampers independently variable in compression and rebound travel, variable wheel camber
Brakes, front		Six-piston fixed-calliper compound disc brakes
Diameter	mm	378 x 32, vented and perforated
Brakes, rear		Four-piston fixed-calliper compound disc brakes
Diameter	mm	380 x 28, vented and perforated
Driving stability systems		Fitted as standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, rain brake support, fading compensation, hill-start assistant, variable M differential lock, Electronic Damper Control
Safety features		Fitted as standard: Airbags for driver and front seat passenger, side airbags for driver and front seat passenger, head airbags, three-point automatic belts with belt stoppers, pretensioners and belt-force limiters, crash sensors, tyre defect indicator, firmly bolted roll bar with fastening points for optional roll cage and additionally supplied six-point safety belts for driver and front seat passenger
Steering		Rack-and-pinion hydraulic steering with Servotronic function

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Information**

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Overall steering	:1	12.5
Tyres front/rear	255/35 ZR19 / 285/30 ZR19	
Wheels front/rear	9J x 19 LM / 10J x 19 LM	

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BMW M3 GTS		
<b>Transmission</b>		
Type	7-speed M Dual Clutch Drivelogic transmission	
Gear ratios	I	:1
		4.780
		:1
		3.056
		:1
		2.153
		:1
		1.678
		:1
		1.390
		:1
		1.203
		:1
		1.000
		:1
		4.454
Final drive		:1
		3.154
<b>Performance</b>		
Power-to-weight ratio	kg/kW	4.6
Output per litre	kW/ltr	75.9
Acceleration 0-100	s	4.4
	0-1000 m	s
		22.5
Top speed	km/h	305
<b>Fuel con in the EU</b>		
Urban	ltr/100k	18.4
Extra-urban	ltr/100k	9.3
Composite	ltr/100k	12.7
CO <sub>2</sub>	g/km	295
Emission classification		EU5
<b>Insurance category</b>		
KH / VK / TK		

Technical data valid for ACEA markets/Part of registration-specific data only apply to Germany (weights)

<sup>1)</sup> Oil filling quantity