

# Specifications.

## BMW M3 CRT.

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#### Body

No. of doors/seats		4 / 4
Length/width/height (unladen)	mm	4614 / 1817 / 1416
Wheelbase	mm	2761
Track, front/rear	mm	1540 / 1540
Turning circle	m	11.7
Tank capacity	approx. l	63
Cooling system incl. heating	l	11.4
Engine oil <sup>1)</sup>	l	6.6
Weight, unladen, to DIN/EU	kg	1580 / 1655
Max load to DIN	kg	390
Max permissible weight	kg	1970
Max axle load, front/rear	kg	950 / 1045
Luggage comp. capacity	l	450
Air drag	c <sub>x</sub> x A	0.31 x 2.23

#### Engine

Configuration/No of cyls/valves		V / 8 / 4
Engine technology		High-revving concept with individual throttle butterflies, Double-Vanos, dynamically-optimised oil supply and ion current knock control
Effective capacity	cc	4361
Bore/stroke	mm	82.0 / 92.0
Compression ratio	:1	12.0
Fuel grade		ROZ 98 (min. 95)
Output	kW/hp	331 / 450
at	rpm	8300
Torque	Nm	440
at	rpm	3750

#### Electrical system

Battery/Installation	Ah/-	70 / luggage comp.
Alternator	AW	180 / 2520

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#### Driving dynamics and safety

Suspension, front		Aluminium dual-joint spring strut suspension; small, positive steering roll radius; transverse force compensation; anti-dive
Suspension, rear		Five-link axle in lightweight construction with rigid rear axle subframe, anti-squat and anti-dive
Brakes, front		Six-piston fixed-calliper compound disc brakes
Diameter	mm	378 x 32, vented and perforated
Brakes, rear		Six-piston fixed-calliper compound disc brakes
Diameter	mm	380 x 28, vented and perforated
Driving stability systems		Standard: DSC incl. ABS and MDM (M Dynamic Mode), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, variable M differential lock, coilover suspension with adjustable compression and rebound
Safety equipment		Standard: airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats (with belt stopper, belt tensioner and belt force limiter at the front), crash sensors, Tyre Defect Indicator
Steering		Rack-and-pinion steering with hydraulic assistance and M-specific Servotronic function
Steering ratio, overall	:1	12.5
Tyres, front/rear		245/35 R19 / 265/35 R19
Rims, front/rear		9J x 19 EH2 cast aluminium / 10J x 19 EH2 cast aluminium

#### Transmission

Type of gearbox		Seven-speed M double-clutch transmission with Drivelogic	
Gear ratios	I	:1	4.780
	II	:1	3.056
	III	:1	2.153
	IV	:1	1.678
	V	:1	1.390
	VI	:1	1.203
	VII	:1	1.000
	R	:1	4.454
Final drive		:1	3.150

#### Performance

Weight-to-power ratio	kg/kW	4.8	
Output per litre	kW/l	75.9	
Acceleration	0-100 km/h	s	4.4
	0-1000 m	s	22.5
Top speed	km/h	290	

#### BMW EfficientDynamics

BMW EfficientDynamics standard features		Brake Energy Regeneration, gear shift indicator, on-demand operation of ancillary units, intelligent lightweight construction, optimised aerodynamic properties, map-controlled oil pump
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#### Fuel consumption EU

Urban	l/100km	18.4
Extra-urban	l/100km	9.3
Combined	l/100km	12.7
CO <sub>2</sub>	g/km	295
Emission rating		EU5