

## 9. Specifications.

### The new BMW M760Li xDrive.



BMW M760Li xDrive		
<b>Body</b>		
No of doors/seats		4/5
Length/width/height (unladen)	mm	5238/1902/1485
Wheelbase	mm	3210
Track, front/rear	mm	1611/1640
Ground clearance	mm	135
Turning circle	m	12.9
Fuel tank capacity	approx ltr	78
Engine oil <sup>1)</sup>	ltr	9.5 <sup>2)</sup>
Weight, unladen, to DIN/EU	kg	2180/2255
Max load to DIN	kg	tbc
Max permissible weight	kg	tbc
Max axle load, front/rear	kg	tbc
Max trailer load, braked (12%)/unbraked	kg	2300/750
Max roofload/towbar download	kg	100/100
Luggage comp capacity	ltr	515
Air resistance	c <sub>d</sub> x A	0.27 x 2.42
<b>Engine</b>		
Config/No of cyls/valves		V12/4
Engine technology	M Performance TwinPower Turbo technology: two mono-scroll turbochargers, High Precision Direct Injection, Double-VANOS variable camshaft control	
Effective capacity	cc	6592
Stroke/bore	mm	tbc
Compression ratio	:1	tbc
Fuel grade		min RON 91
Output	kW/hp	441/600 <sup>2)</sup>
at	rpm	5500 <sup>2)</sup>
Torque	Nm	800 <sup>2)</sup>
at	rpm	1500 <sup>2)</sup>
<b>Electrical System</b>		
Battery/installation	Ah/–	105/load compartment
Alternator	AW	2 x 180/5040
<b>Driving dynamics and safety</b>		
Suspension, front	Double track control arm axle with separate lower track arm level, aluminium, small steering roll radius, anti-dive, air suspension with automatic self-levelling	
Suspension, rear	Five-link axle, aluminium, with steering function, anti-squat and anti-dive, double acoustic separation, air suspension with automatic self-levelling	
Brakes, front	Four-piston fixed-calliper disc brakes, vented	
Brakes, rear	Single-piston floating-calliper disc brakes, vented	
Driving stability systems	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant, cross-linking with xDrive all-wheel-drive system, Dynamic Damper Control	
Safety equipment	Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for 1st and 2nd seat row, driver's side knee airbag, three-point inertia-reel belts on all seats, integrated at the front with belt tensioners and belt force limiter, crash sensors, tyre pressure indicator	
Steering	Electric Power Steering (EPS) with Servotronic function, Integral Active Steering	
Steering transmission, overall	:1	16.9
Tyres, front/rear		245/40 R20 90Y 275/35 R20 102Y
Rims, front/rear		8.5J x 20 light-alloy 10J x 20 light-alloy

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Transmission		
Type of transmission	8-speed Steptronic Sport	
Gear ratios	I	:1 5,000
	II	:1 3,200
	III	:1 2,143
	IV	:1 1,720
	V	:1 1,313
	VI	:1 1,000
	VII	:1 0,823
	VIII	:1 0,640
	R	:1 3,478
Final drive		:1 2,813
Performance		
Weight-to-power ratio (DIN)	kg/kW	5.1 <sup>2)</sup>
Output per litre	kW/ltr	65.2 <sup>2)</sup>
Acceleration 0–100 km/h	s	3.9 <sup>2)</sup>
Maximum speed	km/h	250/305 <sup>3)</sup>
BMW EfficientDynamics		
BMW EfficientDynamics standard measures	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function and Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air vents, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, rear differential with optimised warm-up behaviour, efficiency- and weight-optimised all-wheel drive	
Fuel consumption EU <sup>4)</sup>		
With standard wheels and tyres:		
urban	ltr/100 km	tbc
inter-urban	ltr/100 km	tbc
combined	ltr/100 km	12.6 <sup>2)</sup>
CO <sub>2</sub>	g/km	294 <sup>2)</sup>
Emission rating		EU6c

Specifications apply to ACEA markets / data relevant to homologation apply in part only to Germany (weight)

<sup>1)</sup> Oil change

<sup>2)</sup> Provisional specifications

<sup>3)</sup> With optional M Driver's Package

<sup>4)</sup> Fuel consumption and CO<sub>2</sub> emissions may vary depending on the tyre format specified