

# Specifications.

## BMW 740Li.

## BMW 750Li.

## BMW 760Li.



		BMW 740Li	BMW 750Li	BMW 760Li
<b>Body</b>				
No of doors/seats		4/5	4/5	4 / 5
Length/width/height (unladen)	mm	5219 / 1902 / 1481	5219 / 1902 / 1481	5219 / 1902 / 1481
Wheelbase	mm	3210	3210	3210
Track, front/rear	mm	1611 / 1650	1611 / 1650	1611 / 1650
Ground clearance	mm	152	152	152
Turning circle	m	12.7	12.7	12.7
Tank capacity	app ltr	80	80	80
Cooling system incl heater	ltr	10.2	12.6	14.7
Engine oil <sup>1)</sup>	ltr	6.5	9.0	10.5
Weight, unladen, to DIN/EU	kg	1845 / 1920	1960 / 2035	2175 / 2250
Max load to DIN	kg	650	640	575
Max permissible	kg	2525	2610	2765
Max axle load, front/rear	kg	1190 / 1425	1260 / 1430	1350 / 1480
Max trailer load (12%), braked/unbraked	kg	2100 / 750	2100 / 750	2100 / 750
Max roofload/max towbar download	kg	100 / 100	100 / 100	100/ 100
Luggage comp capacity	ltr	500	500	500
Air drag	Cd x A	0.28 x 2.42	0.28 x 2.42	0.30 x 2.42
<b>Power Unit</b>				
Config/No of cyls/valves		In line-six /4	V8/4	V12 / 4
Engine technology		BMW TwinPower Turbo, second-generation direct injection (High Precision Injection)	BMW TwinPower Turbo, second-generation direct injection (High Precision Injection)	BMW TwinPower Turbo, second-generation direct injection (High Precision Injection)
Capacity, effective	cc	2979	4395	5972
Stroke / bore	mm	89.6/84.0	88.3/89.0	80.0 / 89.0
Compression ratio	:1	10.2	10.0	10.0
Fuel		min RON 91	min RON 91	min RON 91
Max output	kW/hp	235 / 320	330 / 450	400 / 544
at	rpm	5800	5500	5250
Max torque	Nm	450	650	750
at	rpm	1300–4500	2000–4500	1500–5000
<b>Electrical System</b>				
Battery/location	Ah/–	90// luggage comp	105 / luggage comp	90 / luggage comp
Alternator	A/W	210 /2940	210/2940	220 / 3080
<b>Driving Dynamics and Safety</b>				
Suspension, front		Double-track control arm axle with separate lower track arm level in aluminium construction, small steering roll radius, anti-dive		
Suspension, rear		Integral-V multi-arm axle in aluminium with steering function, anti-squat and anti-dive, double acoustic separation, air suspension with automatic height adjustment		
Brakes, front		Single-piston floating-calliper disc brakes / vented		
Brakes, rear		Single-piston fixed-calliper disc brakes / vented		
Driving stability systems		Standard: DSC incl ABS and DTC Dynamic Traction Control, CBC Cornering Brake Control, DBC Dynamic Brake Control, Dry Braking, Fading Compensation, Start-Off Assistant, Dynamic Damping Control, optional: Dynamic Drive anti-roll stability management (standard in the BMW 760Li)		
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, active headrests at the front, three-point inertia-reel seat belts on all seats, belt latch tensioners at the front, crash sensors, Tyre Defect Indicator		
Steering		Electronic Power Steering (EPS) with speed-related steering assistance (Servotronic) and CO <sub>2</sub> -optimised pump		
Steering transmission, overall	:1	17.1		
Tyres, front/rear		245/50 R18 100Y RSC	245/50 R18 100Y RSC	245/50 R18 100Y RSC
Rims, front/rear		8J x 18 light-alloy	8J x 18 light-alloy	8J x 18 light-alloy



6/2012

valid from  
7/2012

BMW 740Li			BMW 750Li		BMW 760Li
BMW ConnectedDrive					
Convenience			Optional: BMW Assist including Enquiry Service, remote-control function and RTTI Real Time Traffic Information, BMW TeleServices, integration of mobile devices, Rear Seat Entertainment, Comfort Access with contactless opening of the tailgate		
Infotainment			Optional: internet access, BMW Online including features such as Park Info, 3D City Mode, National Info, Google Local Search, News, Realtime Weather, Office functions, Speech to Text, BMW Routes, Online Update Music Tracks		
Safety			Optional: Adaptive Headlights with Cornering Lights (standard in the BMW 760Li), LED High-Beam Assistant, Park Distance Control (standard in the BMW 760Li), Side View, Top View, rear-view camera (standard in the BMW 760Li), BMW Night Vision with pedestrian detection + Dynamic Light Spots, Head-Up Display, Active Cruise Control premium with Stop & Go and emergency brake assist, Lane Change Warning, Lane Departure Warning, Speed Limit Info with No Passing Info, Active Protection with Attentiveness assistant, Automatic/Advanced Emergency Call		
Transmission					
Type of transmission			Eight-speed automatic transmission with Steptronic		
Gear ratios		I	:1	4.714	4.714
		II	:1	3.143	3.143
		III	:1	2.208	2.208
		IV	:1	1.667	1.667
		V	:1	1.285	1.285
		VI	:1	1.000	1.000
		VII	:1	0.839	0.839
		VIII	:1	0.667	0.667
		Reverse	:1	3.295	3.317
Final drive			:1	3.077	2.813
Performance					
Power-to-weight ratio		kg/kW	7.9	5.9	5.4
Output per litre		kW/hp	78.9	75.1	67.0
Acceleration 0–100 km/h		sec	5.7	4.8	4.6
Standing start km		sec	25.2	22.9	22.8
Top speed		km/h	250	250	250
BMW EfficientDynamics					
BMW EfficientDynamics standard features			Auto Start-Stop Function, ECO PRO mode (not in the 760i/Li), Brake Energy Regeneration, Coasting Mode, Varioserve steering assistance pump, intelligent lightweight technology, air flap control, on-demand fuel pump, on-demand coolant pump, final drive with optimised thermal management, tyres with reduced roll resistance, a/c compressor detachable, optional Dynamic Drive with on-demand pump control I (standard in the BMW 760Li)		
Fuel Consump in EU Cycle					
Urban		ltr/100 km	10.6	11.9	19.8
Extra-urban		ltr/100 km	6.3	6.6	8.9
Combined		ltr/100 km	7.9	8.6	12.9
CO <sub>2</sub>		g/km	184	199	303
Emission rating			EU5	EU5	EU5

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

1) Oil change