

Specifications.

BMW 730i.

BMW 730Li.



BMW 730i		BMW 730Li
Body		
No of doors/seats	4 / 5	4 / 5
Length/width/height (unladen)	mm 5079 / 1902 / 1471	5219 / 1902 / 1481
Wheelbase	mm 3070	3210
Track, front/rear	mm 1611 / 1650	1611 / 1650
Ground clearance	mm 152	152
Turning circle	m 12.2	12.7
Tank capacity	app ltr 80	82
Cooling system incl heater	ltr 8.1	8.1
Engine oil ¹⁾	ltr 6.5	10.5
Weight, unladen, to DIN/EU	kg 1765 (1840)	1790 (1865)
Max load to DIN	kg 660	660
Max permissible	kg 2505	2510
Max axle load, front/rear	kg 1160 / 1425	1170 / 1425
Max trailer load (12%), braked/unbraked	kg 2100 / 750	2100 / 750
Max roofload/max towbardownl	kg 100 / 100	100 / 100
Luggage comp capacity	ltr 500	500
Air drag	Cd x A 0.28 x 2.42	0.28 x 2.42
Power Unit		
Config/No of cyls/valves	In-line six / 4	In-line six / 4
Engine technology	Second-generation direct injection (High Precision Injection)	Second-generation direct injection (High Precision Injection)
Capacity, effective	cc 2996	2996
Stroke / bore	mm 88.0 / 85.0	88.0 / 85.0
Compression ratio	:1 10.7	10.7
Fuel	min RON 91	min RON 91
Max output	kW/hp 190 / 258	190 / 258
at	rpm 6600	6600
Max torque	Nm 310	310
at	rpm 2600–3000	2600–3000
Electrical System		
Battery/location	Ah/– 90 / luggage comp	90 / luggage comp
Alternator	A/W 210 / 2940	210 / 2940
Driving Dynamics and Safety		
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 swing-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	
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 ₂ -optimised pump	
Steering transmission, overall	:1 17.1	17.1
Tyres, front/rear	245/55 R17 102W	245/55 R17 102W RSC
Rims, front/rear	8J x 17 light-alloy	8J x 17 light-alloy



6/2012

valid from
7/2012

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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, LED High-Beam Assistant, Park Distance Control, Side View, Top View, rear-view camera, BMW Parking Assistant, 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
	II	:1	3.143
	III	:1	2.208
	IV	:1	1.667
	V	:1	1.285
	VI	:1	1.000
	VII	:1	0.839
	VIII	:1	0.667
	Reverse	:1	3.295
Final drive		:1	3.462
Performance			
Power-to-weight ratio	kg/kW	9.3	9.4
Output per litre	kW/hp	63.4	63.4
Acceleration 0–100 km/h	sec	7.4	7.5
Standing start km	sec	27.4	27.5
Top speed	km/h	250	250
BMW EfficientDynamics			
BMW EfficientDynamics standard features		Auto Start-Stop function, ECO PRO mode, 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 rolling resistance, a/c compressor detachable, optional Dynamic Drive with on-demand pump control	
Fuel Consump EU Cycle			
Urban	ltr/100 km	12.4	12.4
Extra-urban	ltr/100 km	6.3	6.3
Combined	ltr/100 km	8.6	8.7
CO ₂	g/km	199	199
Emission rating		EU5	EU5

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

1) Oil change