



6/2012

valid from
7/2012

BMW 730Ld

Body

No of doors/seats		4 / 5
Length/width/height (unladen)	mm	5219 / 1902 / 1481
Wheelbase	mm	3210
Track, front/rear	mm	1611 / 1650
Ground clearance	mm	152
Turning circle	m	12.7
Tank capacity	app ltr	80
Cooling system incl heater	ltr	8.8
Engine oil ¹⁾	ltr	7.2
Weight, unladen, to DIN/EU	kg	1875 / 1950
Max load to DIN	kg	640
Max permissible	kg	2535
Max axle load, front/rear	kg	1190 / 1410
Max trailer load (12%), braked/unbraked	kg	2100 / 750
Max roofload/max towbarload	kg	100 / 100
Luggage comp capacity	ltr	500
Air drag	Cd x A	0.28 x 2.42

Power Unit

Config/No of cyls/valves		In-line six / 4
Engine technology		Turbocharger with variable intake geometry, common-rail direct fuel injection with piezo injectors (max. pressure: 1800 bar)
Capacity, effective	cc	2993
Stroke / bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	190 / 258
at	rpm	4000
Max torque	Nm	560
at	rpm	1500

Electrical System

Battery/location	Ah/-	105 // luggage comp
Alternator	A/W	180 / 2520

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 floating-calliper disc brakes / vented
Brakes, rear		Single-piston floating-calliper disc brakes / vented
Drivingstabilitysystems		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
Safetyequipment		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
Tyres, front/rear		245/55 R17 102W RSC
Rims, front/rear		8J x 17 light-alloy



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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 function	
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	3.317
Final drive	:1	2.563

Performance

Power-to-weight ratio	kg/kW	9.9
Output per litre	kW/litre	63.5
Acceleration 0–100 km/h	sec	6.2
Standing start km	sec	26.4
Top speed	km/h	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
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Fuel Consump EU Cycle

Urban	ltr/100 km	6.8
Extra-urban	ltr/100 km	4.8
Combined	ltr/100 km	5.6
CO ₂	g/km	148
Emission rating		EU5

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