

BMW 730d xDrive. BMW 740d xDrive. BMW 750d xDrive.



1.		BMW 730d xDrive	BMW 740d xDrive	BMW 750d xDrive
Body				
No of doors/seats		4 / 5	4 / 5	4 / 5
Length/width/height (unladen)	mm	5079 / 1902 / 1471	5079 / 1902 / 1471	5079 / 1902 / 1471
Wheelbase	mm	3070	3070	3070
Track, front/rear	mm	1611 / 1650	1611 / 1650	1611 / 1650
Ground clearance	mm	152	152	152
Turning circle	m	12.2	12.2	12.2
Tank capacity	app ltr	80	80	80
Cooling system incl heater	ltr	8.8	8.9	11.9
Engine oil ¹⁾	ltr	7.2	7.2	7.5
Weight, unladen, to DIN/EU	kg	1910 / 1985	1940 / 2015	1995 / 2070
Max load to DIN	kg	640	650	640
Max permissible	kg	2550	2590	2635
Max axle load, front/rear	kg	1210 / 1420	1230 / 1420	1275 / 1430
Max trailer load (12%), braked/unbraked	kg	2100 / 750	2300 / 750	2100 / 750
Max roofload/max towbardownl	kg	100 / 100	100 / 100	100 / 100
Luggage comp capacity	ltr	500	500	500
Air drag	Cd x A	0.29 x 2.42	0.29 x 2.42	0.30 x 2.42
Power Unit				
Config/No of cyls/valves		In-line six / 4	In-line six / 4	In-line six / 4
Engine technology		Turbocharger with variable intake geometry, common-rail direct fuel injection with piezo injectors (max injection pressure: 1800 bar)	BMW TwinPower Turbo (Variable Twin Turbo), common-rail direct fuel injection with piezo injectors (max injection pressure: 2000 bar)	BMW TwinPower Turbo (Variable Tri Turbo), common-rail direct fuel injection with piezo injectors (max injection pressure: 2200 bar)
Capacity, effective	cc	2993	2993	2993
Stroke / bore	mm	90.0 / 84.0	90.0 / 84.0	90.0 / 84.0
Compression ratio	:1	16.5	16.5	16.5
Fuel		Diesel	Diesel	Diesel
Max output	kW/hp	190 / 258	230 / 313	280 / 381
at	rpm	4000	4300	4400
Max torque	Nm	560	630	740
at	rpm	1500	1500	2000
Electrical System				
Battery/location	Ah/–	90 // luggage comp	90 // luggage comp	90 // luggage comp
Alternator	A/W	180 / 2520	180 / 2520	180 / 2520
Driving Dynamics and Safety				
Suspension, front		Double-track control arm axle with separate lower track arm level in aluminium, 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 (air suspension with self-levelling standard on long-wheelbase version)		
Brakes, front		Single-piston floating-calliper disc brakes / vented		
Brakes, rear		Single-piston floating-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, networked with xDrive all-wheel-drive system in Integrated Chassis 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		Rack-and-pinion power steering with speed-related steering assistance (Servotronic) and CO ₂ -optimised pump		
Steering transmission, overall	:1	19.1	19.1	19.1
Tyres, front/rear		245/55 R17 102W	245/50 R18 100Y RSC	245/50 R18 100Y RSC
Rims, front/rear		8J x 17 light-alloy	8J x 18 light-alloy	8J x 18 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 function		
Gear ratios	I	:1	4.714	4.714	4.714
	II	:1	3.143	3.143	3.143
	III	:1	2.208	2.208	2.208
	IV	:1	1.667	1.667	1.667
	V	:1	1.285	1.285	1.285
	VI	:1	1.000	1.000	1.000
	VII	:1	0.839	0.839	0.839
	VIII	:1	0.667	0.667	0.667
	Reverse	:1	3.317	3.317	3.317
Final drive		:1	2.563	2.647	2.813
Performance					
Power-to-weight ratio	kg/kW		10.1	8.4	7.1
Output per litre	kW/hp		63.5	76.8	93.6
Acceleration 0–100 km/h	sec		6.0	5.4	4.9
Standing start km	sec		26.4	25.2	24.0
Top speed	km/h		250	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		7.2	7.3	7.3
Extra-urban	ltr/100 km		5.3	5.3	5.9
Combined	ltr/100 km		6.0	6.0	6.4
CO ₂	g/km		158	159	169
Emission rating			EU5	EU5	EU6

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

1) Oil change