

Specifications.

BMW 730d.

BMW 740d.



BMW 730d		BMW 740d
Body		
No of doors/seats	4 / 5	4 / 5
Length/width/height (unladen)	mm 5079 / 1902 / 1471	5079 / 1902 / 1471
Wheelbase	mm 3070	3070
Track, front/rear	mm 1611 / 1650	1611 / 1650
Ground clearance	mm 152	152
Turning circle	m 12.2	12.2
Tank capacity	app ltr 80	80
Cooling system incl heater	ltr 8.8	8.9
Engine oil ¹⁾	ltr 7.2	7.2
Weight, unladen, to DIN/EU	kg 1840 / 1915	1865 / 1940
Max load to DIN	kg 640	650
Max permissible	kg 2505	2515
Max axle load, front/rear	kg 1180 / 1405	1200 / 1410
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	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)
Capacity, effective	cc 2993	2993
Stroke / bore	mm 90.0 / 84.0	90.0 / 84.0
Compression ratio	:1 16.5	16.5
Fuel	Diesel	Diesel
Max output	kW/hp 190 / 258	230 / 313
at	rpm 4000	4300
Max torque	Nm 560	630
at	rpm 1500	1500
Electrical System		
Battery/location	Ah/- 90 / luggage comp	90 / luggage comp
Alternator	AW 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 swing-calliper disc brakes / vented	
Brakes, rear	Single-piston swing-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, Tyres 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 RSC	245/50 R18 100Y RSC
Rims, front/rear	8J x 17 light-alloy	8J x 18 light-alloy



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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
	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	3.317	3.317
Final drive		:1	2.563	2.647
Performance				
Power-to-weight ratio	kg/kW		9.7	8.1
Output per litre	kW/hp		63.5	76.8
Acceleration 0–100 km/h	sec		6.1	5.5
Standing start km	sec		26.3	25.2
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	litr/100 km		6.8	6.9
Extra-urban	litr/100 km		4.8	4.8
Combined	litr/100 km		5.6	5.7
CO ₂	g/km		148	149
Emission rating			EU5	EU5

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

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