BMW Media Information

9/2015

Valid from 11/2015





		BMW 750i	BMW 750L		
Body					
No. of doors/seats		٨١٢	A 11		
			4 / 5 5238 / 1902 / 1485		
Length/width/height ¹⁾ (unladen) Wheelbase	mm	3070			
Track, front/rear	mm				
	mm	1612 / 1640			
Ground clearance	mm		13		
Turning circle	m opprov. Itr	,	12,8		
Tank capacity Engine oil 2)	approx. ltr	78			
Weight, unladen, to DIN/EU	ltr	9.5			
Max. load to DIN	kg	1820 / 1895	1865 / 1940		
Max. permissible weight	kg ka		690		
Max. axle load, front/rear	kg	1225/1345			
Max. trailer load.	kg	12257 1345	1235 / 137		
braked (12%)/unbraked	kg	2100/350	2100 / 750		
Max. roof load/towbar download	ka	2100 / 750 100 / 100	2100 / 750		
Luggage comp. capacity	kg Itr				
Air resistance	ltr	515	515		
	c _d x A	0.26 x 2.41	0.26 x 2.42		
Engine					
Config./No. of cyls./valves		V/8/4	V/8/4		
Engine technology	F	BMW TwinPower Turbo technology: tw Precision Injection, VALVETRONIC fully va	ariable valve control, Double-VANOS		
		variable camsh			
Effective capacity	cm ³	4395	4395		
Stroke/bore	mm	88.3 / 89.0	88.3 / 89.0		
Compression ratio	:1	10.5	10.5		
Fuel		min RON 91	min RON 91		
Output	kW/hp	330 / 450	330 / 450		
at	rpm	5500 – 6000	5500 - 6000		
Torque	Nm	650	650		
at	rpm	1800 – 4500	1800 – 4500		
Electrical System					
Battery/Installation	Ah/–	105 / luggage comp.	105 / luggage comp		
Alternator	A/W	250 / 3500	250 / 3500		
Driving Domestics and Cafet					
Driving Dynamics and Safety Suspension, front	/	Double track control arm axle with s	constate lower track arm lovel		
		aluminium, small steering roll radius, anti-			
		self-level			
Suspension, rear		Five-link axle, aluminium, with steering function, anti-squat and anti-dive,			
		double acoustic separation, air suspension with automatic self-levelling			
Brakes, front		Four-piston fixed-calliper			
Brakes, rear					
Driving stability systems	Single-piston floating-calliper disc brakes, vented systems Standard: DSC incl ABS and Dynamic Traction Control (DTC), Corner				
5 , - , - ,	Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant, Dynamic Damper Control				
Safety equipment	Standard: airbags for driver and passenger, side airbags for driver				
Salety equipment	and passenger, head airbags for 1st and 2nd seat row, knee airbags for driver,				
		three-point inertia-reel belts on all seats, integrated at the front with belt			
		tightener and belt force limiter, crash sensors, tyre pressure indicator			
Steering		Electric Power Sto			
····		with Servotronic function, option	0.		
Steering ratio, overall	:1	16.9	16.9		
Tyres, front/rear	. 1	245/50 R18 100Y	245/50 R18 100Y		
Rims, front/rear					
nino, nontrea		8J x 18 light alloy	8J x 18 light alloy		

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Specifications. BMW 7 Series.

			BMW 750i	BMW 750L
Transmission				
Type of gearbox			8-speed Steptronic transmission	8-speed Steptronic transmission
Gear ratios		:1	5.000	5.000
		:1	3.200	3.200
		:1	2.143	2.143
	IV	:1	1.720	1.720
	V	:1	1.313	1.313
	VI	:1	1.000	1.000
	VII	:1	0.823	0.823
	VIII	:1	0.640	0.640
	R	:1	3.478	3.478
Final drive		:1	2.813	2.81
Performance				
Power-to-weigh	nt ratio (DIN)	kg/kW	5.5	5.7
Output per litre		kW/ltr	75.1	75.
Acceleration	0–100 km/h	S	4.7	4.
in 5th gear	80–120 km/h	s		
Top speed	00 120 141	km/h	250	250
BMW EfficientD	ynamics	A	ake Energy Regeneration with recuperat uto Start Stop function, Optimum Gears	hift Indicator, ECO PRO mode with
BMW Efficien BMW EfficientE standard feature	ynamics	Ai cc op		hift Indicator, ECO PRO mode with ssistant, BMW EfficientLightweight, ir flap control, on-demand operatior disengageable climate compressor naviour, tyres with reduced rolling
BMW EfficientE standard feature	Dynamics Des	Ai cc op	uto Start Stop function, Optimum Gears pasting function and Proactive Driving As stimised aerodynamic attributes, active a ancillary units, map-controlled oil pump, differential with optimised warm-up beh	hift Indicator, ECO PRO mode with ssistant, BMW EfficientLightweight, ir flap control, on-demand operatior disengageable climate compressor naviour, tyres with reduced rolling
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Specifications apply to ACEA markets; data relevant to homologation applicable in part only to Germany (weight)

¹⁾ Height including roof aerial
²⁾ Oil change volume
³⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format