Specifications. The new BMW 7 Series. 750i xDrive.



		BMW 750i xDrive
Dadu		
Body		415
No of doors/seats		4/5
_ength/width/height ¹⁾	mm	5120 / 1902 / 1467
unladen)		0070
Wheelbase	mm	3070
Track, front/rear	mm	1621 / 1650
Ground clearance	mm	135
Furning circle	m	12.5
Fuel tank capacity	approx. I	78
Engine oil ²⁾		10.5
Neight, unladen, to DIN/EU	kg	1965 / 2040
Max load to DIN	kg	675
Vax permissible weight	kg	2640
Nax axle load, front/rear	kg	1330 / 1380
∕lax trailer load,	kg	
oraked (12%)/unbraked		2300 / 750
Vlax roofload/max towbar	kg	100 / 100
download	0	
_uggage comp capacity		515
Air resistance	c _d x A	0.27 x 2.41
	0	
Power Unit		
Config/No of cyls/valves		V/8/4
Engine technology		BMW TwinPower Turbo technology: two TwinScroll turbochargers, High
		Precision Direct Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
Effective capacity	CC	
Stroke/bore	mm	88.3 / 89.0
Compression ratio	:1	10.5
-uel		min. RON 91
Vlax output	kW/hp	390 / 530
at	rpm	5500 - 6000
Vax torque	Nm	750
ət	rpm	1800 – 4600
Electrical System		
Battery/installation	Ah/-	90 / luggage compartment
Driving Dynamics and Sat	fetv	
Suspension, front		Double-wishbone axle in aluminium construction with separate lower track arm small steering roll radius, anti-dive, air suspension with self-levelling
Suspension, rear		Five-link axle in aluminium construction, steerable, with anti-squat and anti-dive
Brakes, front		control, double acoustic decoupling, air suspension with self-levelling Vented disc brakes, with four-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Brakes, rear		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
Brakes, rear		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, xDrive all-wheel-drive system
Brakes, rear Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, xDrive all-wheel-drive system networked with DSC, Dynamic Damper Control
Brakes, rear Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, xDrive all-wheel-drive system networked with DSC, Dynamic Damper Control Standard: airbags for driver and front passenger, side airbags for driver and front
Brakes, rear Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, xDrive all-wheel-drive system networked with DSC, Dynamic Damper Control Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, knee airbag on the driver's side
Brakes, rear Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, xDrive all-wheel-drive system networked with DSC, Dynamic Damper Control Standard: airbags for driver and front passenger, side airbags for driver and fron passenger, head airbags for front and rear seats, knee airbag on the driver's side three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt
Brakes, rear Driving stability systems Safety equipment		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, xDrive all-wheel-drive system networked with DSC, Dynamic Damper Control Standard: airbags for driver and front passenger, side airbags for driver and fron passenger, head airbags for front and rear seats, knee airbag on the driver's side three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter in the front, crash sensors, tyre pressure indicator
Brakes, rear Driving stability systems Safety equipment Steering		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, xDrive all-wheel-drive system networked with DSC, Dynamic Damper Control Standard: airbags for driver and front passenger, side airbags for driver and fron passenger, head airbags for front and rear seats, knee airbag on the driver's side three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt

Tyres, front/rear	245/45 R19 102Y XL
Rims, front/rear	8.5J x 19 light-alloy

			BMW 750i xDrive
Transmissior	1		
Type of transm	-		Eight-speed Steptronic transmission
Gear ratios	ĺ	:1	5.500
		:1	3.520
		:1	2.200
	IV	:1	1.720
	V	:1	1.317
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.993
Final drive		:1	2.813
Performance			
Power-to-weig	ht ratio (DIN)	kg/kW	5.0
Output per litre	•	kW/I	88.7
Acceleration	0–100 km/h	S	4.0
Top speed		km/h	250
BMW Efficien	tDynamics		
BMW Efficient	Dynamics		Brake Energy Regeneration with recuperation display, Electric Power Steering
standard featur	es		Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function and Proactive Driving Assistant, BMW EfficientLightweight optimised aerodynamic attributes, active air flap control, on-demand operation

optimised warm-up behaviour, tyres with reduced rolling resistance **Fuel Consumption ECE** Urban l/100 km 13.2 - 13.1 Extra-urban l/100 km 7.4 – 7.4 9.5 – 9.5 217 – 217 Combined l/100 km $\overline{CO_2}$ g/km Emission rating Euro 6d-TEMP

of ancillary units, map-regulated oil pump, differential and transfer case with

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

¹⁾ Height including roof fin ²⁾ Oil change

All figures relating to performance, fuel/electric power consumption, CO2 emissions and operating range are provisional.

The fuel consumption, CO_2 emissions, electric power consumption and operating range figures are determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

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Correct as at: 16.01.2019

Further information on official fuel consumption figures and specific CO₂ emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO₂-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guide to the fuel economy, CO₂ emissions and electric power consumption of new passenger cars), which can be obtained free of charge from all dealerships, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen and at https://www.dat.de/co2/.

The new BMW 7 Series. 750Li xDrive.

		BMW 750Li xDrive
Body		
No of doors/seats		4/5
Length/width/height ¹⁾		5260 / 1902 / 1479
(unladen)	mm	52607 19027 1479
Wheelbase		2010
	mm	<u> </u>
Track, front/rear	mm	
Ground clearance	mm	135
Turning circle	m	12.9
-uel tank capacity	approx. I	78
Engine oil ²⁾	I	10.5
Weight, unladen, to DIN/EU	kg	2000 / 2075
Max load to DIN	kg	675
Max permissible weight	kg	2675
Max axle load, front/rear	kg	1340 / 1395
Vlax trailer load,	kg	
praked (12%)/unbraked		2300 / 750
Max roofload/max towbar	kg	100 / 100
download		
Luggage comp capacity	1	515
Air resistance	c _d x A	0.27 x 2.42
Power Unit		
Config/No of cyls/valves		V/8/4
Engine technology		BMW TwinPower Turbo technology: two TwinScroll turbochargers, High Precision Direct Injection, VALVETRONIC fully variable valve timing,
-ffeetive especity		Double-VANOS variable camshaft timing 4395
Effective capacity	CC	
Stroke/bore		<u> </u>
Compression ratio	:1	
-uel	1.1.4.7/1	min. RON 91
Max output	kW/hp	390 / 530
at	rpm	5500 - 6000
Max torque	Nm	750
at	rpm	1800 – 4600
Electrical System		
Battery/installation	Ah/-	105 / luggage compartment
Succorymotaliation	7 4 0	
Driving Dynamics and Saf	ety	
Suspension, front		Double-wishbone axle in aluminium construction with separate lower track arm small steering roll radius, anti-dive, air suspension with self-levelling
Suspension, rear		Five-link axle in aluminium construction, steerable, with anti-squat and anti-dive
		control, double acoustic decoupling, air suspension with self-levelling
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, xDrive all-wheel-drive system
		networked with DSC, Dynamic Damper Control
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front
		passenger, head airbags for front and rear seats, knee airbags for driver and nor
		three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt
		force limiter in the front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS)
Steering		Electric Power Steering (EPS) with Servotronic function, optional: Integral Active Steering

Tyres, front/rear	245/45 R19 102Y XL
Rims, front/rear	8.5J x 18 light-alloy

		BMW 750Li xDrive
sion		Eight-speed Steptronic transmission
I	:1	5.500
	:1	3.520
	:1	2.200
IV	:1	1.720
V	:1	1.317
VI	:1	1.000
VII	:1	0.823
VIII	:1	0.640
R	:1	3.993
	:1	2.813
ratio (DIN)	kg/kW	5.1
	kW/I	88.7
0–100 km/h	S	4.1
	km/h	250
ynamics		
namics		Brake Energy Regeneration with recuperation display, Electric Power Steering
		Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function and Proactive Driving Assistant, BMW EfficientLightweight optimised aerodynamic attributes, active air flap control, on-demand operatio
	III IV V VI VII VIII	I :1 II :1 IV :1 V :1 VI :1 VI :1 VII :1 VIII :1 R :1 :1 :1 R :1 :1 :1 0-100 km/h s km/h km/h

Fuel Consumption E	CE		
Urban	l/100 km	13.2 – 13.1	
Extra-urban	l/100 km	7.5 – 7.5	
Combined	l/100 km	9.6 – 9.5	
CO ₂	g/km	218 - 218	
Emission rating		Euro 6d-TEMP	

of ancillary units, map-regulated oil pump, differential and transfer case with optimised warm-up behaviour, tyres with reduced rolling resistance

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

¹⁾ Height including roof fin ²⁾ Oil change

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Correct as at: 16.01.2019

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The new BMW 7 Series. M760Li xDrive.

		BMW M760Li xDrive
Body		
No of doors/seats		4/5
Length/width/height ¹⁾	mm	5260 / 1902 / 1479
(unladen)		
Wheelbase	mm	3210
Track, front/rear	mm	1621 / 1618
Ground clearance	mm	135
Turning circle	m	12.9
Fuel tank capacity	approx. I	78
Engine oil ²⁾		12.0
Weight, unladen, to DIN/EU	kg	2220 / 2295
Max load to DIN	kg	620
Max permissible weight	kg	2840
Max axle load, front/rear	kg	1410 / 1490
Max trailer load,	kg	
braked (12%)/unbraked		_/_
Max roofload/max towbar	kg	100 / -
download		
Luggage comp capacity		515
Air resistance	c _d x A	0.30 x 2.42
Power Unit		
Config/No of cyls/valves		V / 12 / 4
Engine technology		BMW TwinPower Turbo technology: two mono-scroll turbochargers, High Precision Direct Injection, Double-VANOS variable camshaft timing
Effective capacity	CC	6592
Stroke/bore	mm	88.3 / 89.0
Compression ratio	:1	10.0
Fuel		min. RON 91
Max output	kW/hp	430 / 585
at	rpm	5250 - 5750
Max torque	Nm	850
at	rpm	1600 – 4500
Electrical System		
Battery/installation	Ah/–	105 / luggage compartment
Driving Dynamics and Saf	ety	
Suspension, front		Double-wishbone axle in aluminium construction with separate lower track arm,
		small steering roll radius, anti-dive, air suspension with self-levelling
Suspension, rear		Five-link axle in aluminium construction, steerable, with anti-squat and anti-dive
		control, double acoustic decoupling, air suspension with self-levelling
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
		Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
		Fading Compensation, Start-Off Assistant, xDrive all-wheel-drive system
		networked with DSC, Dynamic Damper Control
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front
		passenger, head airbags for front and rear seats, knee airbag on the driver's side
		three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt
		force limiter in the front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS)
		with Servotronic function, Integral Active Steering
Steering ratio, overall	:1	16.3

Tyres, front/rear	245/40 ZR20 99Y XL/
	275/35 ZR20 102Y XL
Rims, front/rear	8.5J x 20 light-alloy/
	10J x 20 light-alloy

	BMW M760Li xDrive
Transmission	
Type of transmission	Eight-speed Steptronic transmission
Gear ratios I	:1 5.000
	:1 3.200
	:1 2.143
IV	:1 1.720
V	:1 1.313
VI	:1 1.000
VII	:1 0.823
VIII	:1 0.640
R	:1 3.478
Final drive	:1 2.813
Performance	
Power-to-weight ratio (DIN) kg	j/kW 5.2
Output per litre	kW/I 65.2
Acceleration 0–100 km/h	s 3.8
Top speed k	(m/h 250 / 305 ³⁾

BMW EfficientDynamics

BMW EfficientDynamics standard features

Brake Energy Regeneration with recuperation display, Electric Power Steering, Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function and Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential and transfer case with optimised warm-up behaviour

Fuel Consumption E	CE		
Urban	l/100 km	18.3 – 18.1	
Extra-urban	l/100 km	9.2 - 8.9	
Combined	l/100 km	12.5 – 12.4	
CO ₂	g/km	285 - 282	
Emission rating		Euro 6d-TEMP	

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

¹⁾ Height including roof fin
 ²⁾ Oil change
 ³⁾ With optional M Driver's Package

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Correct as at: 16.01.2019

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The new BMW 7 Series. 745e.

		BMW 745e
Body No of doors/seats		4/5
_ength/width/height ¹⁾ (unladen)		5120 / 1902 / 1467
_engtn/widtn/neignt (uniaden) Wheelbase	mm	
	mm	3070
Track, front/rear	mm	1611/1640
Ground clearance	mm	135
Turning circle	m	12.3
Fuel tank capacity	approx. I	46
	I	6.5
Weight, unladen, to DIN/EU	kg	1995 / 2070
Max load to DIN	kg	660
Max permissible weight	kg	2655
Max axle load, front/rear	kg	1225 / 1480
Vax roofload/max towbar download	kg	100 / -
_uggage comp capacity	<u> </u>	420
Air resistance	c _d x A	0.27 x 2.41
Power Unit		
Drive concept		Full-hybrid drive, drive torque from engine or electric
		motor or both transmitted to the rear wheels
Max system output	kW/hp	290 / 394
Max system torque	Nm	600
System power-to-weight ratio (DIN)	kg/kW	6.9
Petrol Engine		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: TwinScroll turbocharger, Hig Precision Direct Injection, VALVETRONIC fully variable valve timing Double-VANOS variable camshaft timing
Effective capacity	CC	2998
Stroke/bore	mm	94.6 / 82.0
Comprossion ratio		11.0
Compression ratio	:1	11.0
	:1	min. RON 91
Fuel		
Fuel Max output	kW/hp	min. RON 91 210 / 286
Fuel Max output at		min. RON 91 210 / 286 5000 – 6000
Fuel Max output at Max torque	kW/hp rpm Nm	min. RON 91 210 / 286 5000 – 6000 450
Fuel Max output at Max torque at	kW/hp rpm	min. RON 91 210 / 286 5000 – 6000
Compression ratio Fuel Max output at Max torque at Output per litre Electric Motor	kW/hp rpm Nm rpm	min. RON 91 210 / 286 5000 – 6000 450 1500 – 3500
Fuel Max output at Max torque at Output per litre Electric Motor	kW/hp rpm Nm rpm	min. RON 91 210 / 286 5000 – 6000 450 1500 – 3500 70.0
Euel Max output at Max torque at Output per litre Electric Motor Motor technology	kW/hp rpm Nm rpm	min. RON 91 210 / 286 5000 – 6000 450 1500 – 3500 70.0 BMW eDrive technology: synchronous electric motor integrated int eight-speed Steptronic transmission, generator function for
Euel Max output at Max torque at Dutput per litre Electric Motor Motor technology Max output	kW/hp rpm Nm rpm kW/l	min. RON 91 210 / 286 5000 – 6000 450 1500 – 3500 70.0 BMW eDrive technology: synchronous electric motor integrated int eight-speed Steptronic transmission, generator function for recuperating energy for the high-voltage battery
Fuel Max output at Max torque at Output per litre Electric Motor Motor technology Max output at	kW/hp rpm Nm rpm kW/l	min. RON 91 210 / 286 5000 - 6000 450 70.0 BMW eDrive technology: synchronous electric motor integrated int eight-speed Steptronic transmission, generator function for recuperating energy for the high-voltage battery 83 / 113 3170
Fuel Max output at Max torque at Output per litre Electric Motor Motor technology Max output at Max torque	kW/hp rpm Nm rpm kW/l kW/hp rpm Nm	min. RON 91 210 / 286 5000 - 6000 450 70.0 BMW eDrive technology: synchronous electric motor integrated int eight-speed Steptronic transmission, generator function for recuperating energy for the high-voltage battery 83 / 113 3170 265
Fuel Max output at Max torque at Output per litre Electric Motor Motor technology Max output at Max torque at	kW/hp rpm Nm rpm kW/l	min. RON 91 210 / 286 5000 - 6000 450 1500 - 3500 70.0 BMW eDrive technology: synchronous electric motor integrated in eight-speed Steptronic transmission, generator function for recuperating energy for the high-voltage battery 83 / 113 3170
Fuel Max output at Max torque at Output per litre Electric Motor Motor technology Max output at Max torque at Recuperation output	kW/hp rpm Nm rpm kW/l kW/hp rpm Nm	min. RON 91 210 / 286 5000 – 6000 450 70.0 BMW eDrive technology: synchronous electric motor integrated in eight-speed Steptronic transmission, generator function for recuperating energy for the high-voltage battery 83 / 113 3170 265 0 – 2700
Fuel Fuel Fuel Fuel Fuel Fuel Fuel Fuel	kW/hp rpm Nm rpm kW/l kW/hp rpm Nm	min. RON 91 210 / 286 5000 – 6000 450 1500 – 3500 70.0 BMW eDrive technology: synchronous electric motor integrated in eight-speed Steptronic transmission, generator function for recuperating energy for the high-voltage battery 83 / 113 3170 265 0 – 2700 20
Fuel Fuel Max output at Max torque at Output per litre Electric Motor Motor technology Max output at Max torque at Recuperation output High-voltage battery Storage technology/installation	kW/hp rpm Nm rpm kW/l rpm rpm Nm rpm kW	min. RON 91 210 / 286 5000 – 6000 450 1500 – 3500 70.0 BMW eDrive technology: synchronous electric motor integrated in eight-speed Steptronic transmission, generator function for recuperating energy for the high-voltage battery 83 / 113 3170 265 0 – 2700 20
Fuel Max output at Max torque at Output per litre	kW/hp rpm Nm rpm kW/l kW/hp rpm Nm	min. RON 91 210 / 286 5000 – 6000 450 1500 – 3500 70.0 BMW eDrive technology: synchronous electric motor integrated in eight-speed Steptronic transmission, generator function for recuperating energy for the high-voltage battery 83 / 113 3170 265 0 – 2700 20

		BMW 745e
Driving Dynamics and Safaty		
Driving Dynamics and Safety Suspension, front		wishbone axle in aluminium construction with separate lower
Suspension, none	Double	track arm, small steering roll radius, anti-dive,
		air suspension with self-levelling
Suspension, rear	Five-link	axle in aluminium construction, steerable, with anti-squat and
		control, double acoustic decoupling, air suspension with self
		levelling
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear	1	/ented disc brakes, with single-piston floating callipers
		SC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC
Driving stability systems		Brake Control), DBC (Dynamic Brake Control), Dry Braking
		ading Compensation, Start-Off Assistant, Dynamic Damper
	iunction, i	Control
Safety equipment	Standardı airl	bags for driver and front passenger, side airbags for driver and
Salety equipment		iger, head airbags for front and rear seats, knee airbags of the
		, three-point inertia-reel seatbelts on all seats with belt latch
		nd belt force limiter in the front, crash sensors, tyre pressure
	Lensioner a	
Stooring		indicator
Steering		Electric Power Steering (EPS)
Steering ratio averall		h Servotronic function, optional: Integral Active Steering
Steering ratio, overall	:1	16.3 245/50 D10 100V
Tyres, front/rear		245/50 R18 100Y
Rims, front/rear		8J x 18 light-alloy
Transmission		
Type of transmission		Eight-speed Steptronic transmission
Gear ratios I	:1	4.714
	:1	3.143
	:1	2.106
IV	:1	1.667
V	:1	1.285
V		
	:1	1.000
VII	:1	0.839
VIII	:1	0.667
R.	:1	3.317
Final drive	:1	3.077
Performance		
Acceleration 0–100 km/h	S	5.2
Top speed	km/h	250
Top speed (electric)	km/h	140
Range (electric)	km	54 - 58
<u> </u>		
BMW EfficientDynamics		
BMW EfficientDynamics standard		ology, Electric Power Steering, hybrid-specific Auto Start Sto
features	, ,	m Shift Indicator, ECO PRO mode with coasting function and
		Assistant, BMW EfficientLightweight, optimised aerodynamic
	,	air flap control, on-demand operation of ancillary units, map-
	regulated oil pur	np, differential with optimised warm-up behaviour, tyres with
		reduced rolling resistance
Eucl Concumption ECE		
Fuel Consumption ECE	l/100 km	2.2 - 2.1
CO ₂ emissions from fuel	g/km	52 - 48
Electric power consumption	kWh/100 km	15.4 – 15.0
combined Emission rating		Euro 6d-TEMP

D. 414/ 745

¹⁾ Height including roof fin ²⁾ Oil change

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The values are already based on the new WLTP test cycle and are translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO_2 emissions, the CO_2 values may differ from the values stated here (depending on national legislation).

Correct as at: 16.01.2019

Further information on official fuel consumption figures and specific CO₂ emission values of new passenger cars is included in the following guideline: Leitfaden über den Kraftstoffverbrauch, die CO₂-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guide to the fuel economy, CO₂ emissions and electric power consumption of new passenger cars), which can be obtained free of charge from all dealerships, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen and at https://www.dat.de/co2/.

The new BMW 7 Series. 745Le.

		BMW 745Le
Body No of doors/seats		4/5
_ength/width/height ¹⁾ (unladen)	mm	5260 / 1902 / 1479
Wheelbase	mm	3210
Track, front/rear	mm	1611 / 1640
Ground clearance	mm	135
Furning circle	m	12.8
Fuel tank capacity	approx. I	46
Engine oil ²⁾		6.5
Neight, unladen, to DIN/EU	kg	2035/2110
Max load to DIN	kg	635
Vax permissible weight	kg	2670
Vax axle load, front/rear	kg	1245 / 1500
Max roofload/max towbar download	kg	100 / -
uggage comp capacity	<u></u>	420
Air resistance	c _d x A	0.27 x 2.42
	-0	· · · ·
Power Unit		
Drive concept		Full-hybrid drive, drive torque from engine or electric
		motor or both transmitted to the rear wheels
Max system output	kW/hp	290 / 394
Max system torque	Nm	600
System power-to-weight ratio (DIN)	kg/kW	7.0
Petrol Engine		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: TwinScroll turbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve timing Double-VANOS variable camshaft timing
Effective capacity	CC	2998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min. RON 91
Vax output	kW/hp	210/286
at	rpm	5000 - 6000
Vax torque	Nm	450
at	rpm	1500 - 3500
Output per litre	kW/I	70.0
Electric Motor		
Motor technology		BMW eDrive technology: synchronous electric motor integrated int eight-speed Steptronic transmission, generator function for recuperating energy for the high-voltage battery
Vax output	kW/hp	83/113
at	rpm	3170
Max torque	Nm	265
at	rpm	0 - 2700
Recuperation output	kW	20
		Lithium ion / undernacth roor costs
Storage technology/installation		Lithium-ion / underneath rear seats
Storage technology/installation /oltage	V	355
High-voltage battery Storage technology/installation Voltage Energy capacity (gross) Charging time for 100% charge	V kWh	

Driving Dynamics and Safety Suspension, front	Devila	
	Daviala	
	Louple	 wishbone axle in aluminium construction with separate lower
		track arm, small steering roll radius, anti-dive, air suspension with self-levelling
Suspension, rear		x axle in aluminium construction, steerable, with anti-squat and e control, double acoustic decoupling, air suspension with self
Brakes, front	,	Vented disc brakes, with four-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers SC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC
Driving stability systems	(Cornering	ading Compensation, Start-Off Assistant, Dynamic Traction Control), CBC ading Compensation, Start-Off Assistant, Dynamic Damper Control
Safety equipment	front passer driver's side	bags for driver and front passenger, side airbags for driver and nger, head airbags for front and rear seats, knee airbag on the e, three-point inertia-reel seatbelts on all seats with belt latch nd belt force limiter in the front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS)
		th Servotronic function, optional: Integral Active Steering
Steering ratio, overall	:1	16.3
Tyres, front/rear		245/50 R18 100Y
Rims, front/rear		8J x 18 light-alloy
Transmission		
Type of transmission		Eight-speed Steptronic transmission
Gear ratios I	:1	4.714
	:1	3.143
	:1	2.106
IV	:1	1.667
V	:1	1.285
VI	:1	1.000
VII	:1	0.839
VIII	:1	0.667
R	:1	3.317
Final drive	:1	3.077
Performance		
Acceleration 0–100 km/h	S	5.3
Top speed	km/h	250
Top speed (electric)	km/h	140
Range (electric)	km	52 - 55
BMW EfficientDynamics		
BMW EfficientDynamics standard features	function, Optimu Proactive Driving attributes, active	nology, Electric Power Steering, hybrid-specific Auto Start Sto m Shift Indicator, ECO PRO mode with coasting function and Assistant, BMW EfficientLightweight, optimised aerodynamic air flap control, on-demand operation of ancillary units, map- mp, differential with optimised warm-up behaviour, tyres with reduced rolling resistance
Fuel Consumption ECE		
Fuel consumption combined	l/100 km	2.3 - 2.2
CO ₂ emissions from fuel	g/km	53 – 50
Electric power consumption combined	kWh/100 km	15.4 – 15.1
Emission rating		Euro 6d-TEMP

¹⁾ Height including roof fin ²⁾ Oil change

All figures relating to performance, fuel/electric power consumption, CO2 emissions and operating range are provisional.

The fuel consumption, CO_2 emissions, electric power consumption and operating range figures are determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

The values are already based on the new WLTP test cycle and are translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO_2 emissions, the CO_2 values may differ from the values stated here (depending on national legislation).

Correct as at: 16.01.2019

Further information on official fuel consumption figures and specific CO₂ emission values of new passenger cars is included in the following guideline: Leitfaden über den Kraftstoffverbrauch, die CO₂-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guide to the fuel economy, CO₂ emissions and electric power consumption of new passenger cars), which can be obtained free of charge from all dealerships, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen and at https://www.dat.de/co2/.

The new BMW 7 Series. 745Le xDrive.

		BMW 745Le xDrive
Body		
No of doors/seats		4/5
_ength/width/height ¹⁾ (unladen)	mm	5260 / 1902 / 1479
Wheelbase	mm	3210
Track, front/rear	mm	1611 / 1640
Ground clearance	mm	135
Furning circle	m	12.9
Fuel tank capacity	approx. I	46
Engine oil ²⁾		6.5
Weight, unladen, to DIN/EU	kg	2085/2160
Max load to DIN	kg	620
Max permissible weight	kg	2705
Vax axle load, front/rear	kg	1300 / 1500
Max roofload/max towbar download	kg	100/-
Luggage comp capacity	Kg	420
Air resistance	c _d x A	0.27 x 2.42
	Ud X A	0.27 / 2.42
Power Unit		
Drive concept		Full-hybrid drive, drive torque from engine or electric motor or
		both transmitted to all four wheels via BMW xDrive
Vax system output	kW/hp	290 / 394
Vax system torque	Nm	600
System power-to-weight ratio (DIN)	kg/kW	7.2
Petrol Engine		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: TwinScroll turbocharger, Hig Precision Direct Injection, VALVETRONIC fully variable valve timing Double-VANOS variable camshaft timing
Effective capacity	CC	2998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min. RON 91
Max output	kW/hp	210/286
at	rpm	5000 - 6000
Max torque	Nm	450
at	rpm	1500 – 3500
Output per litre	kW/I	70.0
Electric Motor		
Motor technology		BMW eDrive technology: synchronous electric motor integrated in eight-speed Steptronic transmission, generator function for recuperating energy for the high-voltage battery
Vax output	kW/hp	83 / 113
at	rpm	3170
Max torque	Nm	265
at	rpm	0 - 2700
Recuperation output	kW	20
Ilah walkana haw		
		l ithium-ion / underneath rear seats
Storage technology/installation	\/	Lithium-ion / underneath rear seats
High-voltage battery Storage technology/installation Voltage Energy capacity (gross)	V kWh	Lithium-ion / underneath rear seats 355 12.0

		BMW 745Le xDrive		
Driving Dynamics and Safety				
Suspension, front	Doubl	e-wishbone axle in aluminium construction with separate lower		
	Doubi	track arm, small steering roll radius, anti-dive,		
		air suspension with self-levelling		
Suspension, rear	Five-link av	e in aluminium construction, steerable, with anti-squat and anti		
Suspension, real		I, double acoustic decoupling, air suspension with self-levelling		
Brakes, front		Vented disc brakes, with four-piston fixed callipers		
Brakes, rear		Vented disc brakes, with single-piston floating callipers		
,	Standard: [DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC		
Driving stability systems		ig Brake Control), DBC (Dynamic Brake Control), Dry Braking		
		ading Compensation, Start-Off Assistant, DSC networked with		
		Drive all-wheel-drive system, Dynamic Damper Control		
Safety equipment		irbags for driver and front passenger, side airbags for driver and		
Salety equipment		enger, head airbags for front and rear seats, knee airbags of the		
		de, three-point inertia-reel seatbelts on all seats with belt latch		
		and belt force limiter in the front, crash sensors, tyre pressure		
	Lerisioner	indicator		
Staaring				
Steering	v	Electric Power Steering (EPS) vith Servotronic function, optional: Integral Active Steering		
Steering ratio, overall	:1	16.3		
Tyres, front/rear		245/50 R18 100Y		
Rims, front/rear				
Rims, ironvieal		8J x 18 light-alloy		
-				
Transmission		Fisht as and Otastrasia transmission		
Type of transmission	4	Eight-speed Steptronic transmission		
Gear ratios I	:1	4.714		
<u> </u>	:1	3.143		
	:1	2.106		
IV	:1	1.667		
V	:1	1.285		
VI	:1	1.000		
VII	:1	0.839		
VIII	:1	0.667		
R	:1	3.317		
Final drive	:1	3.231		
Performance				
Acceleration 0–100 km/h	S	5.1		
Top speed	s	250		
Top speed (electric)	km/h	<u> </u>		
Range (electric)	km	50 - 54		
BMW EfficientDynamics				
BMW EfficientDynamics standard	BMW eDrive tech	nnology, Electric Power Steering, hybrid-specific Auto Start Sto		
features	function, Optimum Shift Indicator, ECO PRO mode with coasting function and			
		g Assistant, BMW EfficientLightweight, optimised aerodynamic		
		e air flap control, on-demand operation of ancillary units, map-		
		pump, differential and transfer case with optimised warm-up		
		behaviour, tyres with reduced rolling resistance		
Fuel Consumption ECE	1/100	00.00		
Fuel consumption combined	l/100 km	2.6 – 2.3		
CO ₂ emissions from fuel	g/km	59 - 52		
Electric power consumption combined	kWh/100 km	16.3 – 15.8		
Emission rating		Euro 6d-TEMP		
Specifications apply to ACEA markets/da	ta relevant to homologatic	n applies in part only to Germany (weight)		
Specifications apply to ACEA markets/da	ta relevant to homologatio	n applies in part only to Germany (weight)		

¹⁾ Height including roof fin
 ²⁾ Oil change

All figures relating to performance, fuel/electric power consumption, CO₂ emissions and operating range are provisional.

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Correct as at: 16.01.2019

Further information on official fuel consumption figures and specific CO₂ emission values of new passenger cars is included in the following guideline: "Leitfaden über den Kraftstoffverbrauch, die CO₂-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guide to the fuel economy, CO₂ emissions and electric power consumption of new passenger cars), which can be obtained free of charge from all dealerships, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen and at https://www.dat.de/co2/.

The new BMW 7 Series. 730d xDrive.

		BMW 730d xDrive
Body No of doors/seats		4/5
Length/width/height ¹⁾ (unladen)	mm	5120 / 1902 / 1467
· · ·		2070
Wheelbase	mm	
Track, front/rear	mm	
Ground clearance	mm	135
Turning circle	m	12.5
Fuel tank capacity	approx. I	78
Engine oil ²⁾		6.5
Weight, unladen, to DIN/EU	kg	1880 / 1955
Max load to DIN	kg	680
Max permissible weight	kg	2560
Max axle load, front/rear	kg	1245 / 1375
Max trailer load,	kg	
oraked (12%)/unbraked		2100 / 750
Max roofload/max towbar	kg	100 / 100
download		
Luggage comp capacity		515
Air resistance	c _d x A	0.25 x 2.41
Power Unit		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry
		common-rail direct injection with piezo injectors
		(max. injection pressure: 2500 bar)
Effective capacity	CC	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	195/265
at	rpm	4000
Max torque	Nm	620
at	rpm	2000 – 2500
-		
Electrical System	AL /	00/11
Battery/installation	Ah/–	90 / luggage compartment
Driving Dynamics and Saf	etv	
Suspension, front		Double-wishbone axle in aluminium construction with separate lower track arm
,		small steering roll radius, anti-dive, air suspension with self-levelling
Suspension, rear		Five-link axle in aluminium construction, steerable, with anti-squat and anti-dive
		control, double acoustic decoupling, air suspension with self-levelling
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
Simily stability systems		Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
		Fading Compensation, Start-Off Assistant, xDrive all-wheel-drive system
		networked with DSC, Dynamic Damper Control
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front
Dalety equipinent		passenger, head airbags for front and rear seats, knee airbags on the driver's side
		three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt
		force limiter in the front, crach concers, two proceurs indicator
Ptooring		force limiter in the front, crash sensors, tyre pressure indicator
Steering		force limiter in the front, crash sensors, tyre pressure indicator Electric Power Steering (EPS) with Servotronic function, optional: Integral Active Steering

Tyres, front/rear	225/60 R17 99Y
Rims, front/rear	7.5J x 17 light-alloy

			BMW 730d xDrive
Transmission	1		
Type of transm	ission		Eight-speed Steptronic transmission
Gear ratios	1	:1	5.500
		:1	3.520
		:1	2.200
	IV	:1	1.720
	V	:1	1.317
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.993
Final drive		:1	2.563
Performance			
Power-to-weigl	ht ratio (DIN)	kg/kW	9.6
Output per litre	1	kW/I	65.2
Acceleration	0–100 km/h	S	5.8
Top speed		km/h	250
BMW Efficien	tDynamics		
BMW EfficientDynamics			Brake Energy Regeneration with recuperation display, Electric Power Steering,
standard features			Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function and Proactive Driving Assistant, BMW EfficientLightweight,
			optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential and transfer case with

		BMW Blue Performance technology with SCR catalytic converter
Fuel Consumption I	ECE	
Urban	l/100 km	6.5 - 6.3
Extra-urban	l/100 km	5.2 – 5.0
Combined	l/100 km	5.7 – 5.5
CO ₂	g/km	150 – 143
Emission rating		Euro 6d-TEMP

optimised warm-up behaviour, tyres with reduced rolling resistance,

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

¹⁾ Height including roof fin

²⁾ Oil change

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Correct as at: 16.01.2019

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The new BMW 7 Series. 730Ld.

		BMW 730Ld
Body		
No of doors/seats		4/5
Length/width/height ¹⁾ (unladen)	mm	5260 / 1902 / 1479
, ,		0010
Wheelbase	mm	3210
Track, front/rear	mm	1618/1646
Ground clearance	mm	135
Turning circle	m	12.8
Fuel tank capacity Engine oil ²⁾	approx. I	78
	 	6.5
Weight, unladen, to DIN/EU	kg	1870 / 1945
Max load to DIN	kg	690
Max permissible weight	kg	2560
Vlax axle load, front/rear	kg	1225 / 1400
Max trailer load,	kg	0100 / 750
praked (12%)/unbraked		2100 / 750
Vlax roofload/max towbar	kg	100 / 100
download		545
uggage comp capacity		515
Air resistance	c _d x A	0.24 x 2.42
Power Unit		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry,
		common-rail direct injection with piezo injectors
		(max. injection pressure: 2500 bar)
Effective capacity	CC	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	195 / 265
at	rpm	4000
Max torque	Nm	620
at	rpm	2000 – 2500
Electrical System		
Battery/installation	Ah/–	90 / luggage compartment
Driving Dynamics and Saf	ety	
Suspension, front		Double-wishbone axle in aluminium construction with separate lower track arm, small steering roll radius, anti-dive, air suspension with self-levelling
Suspension, rear		Five-link axle in aluminium construction, steerable, with anti-squat and anti-dive control, double acoustic decoupling, air suspension with self-levelling
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
0 , , ,		Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
		Fading Compensation, Start-Off Assistant, Dynamic Damper Control
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front
		passenger, head airbags for front and rear seats, knee airbag on the driver's side
		three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt
		force limiter in the front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS)
		with Servotronic function, optional: Integral Active Steering
Steering ratio, overall	:1	16.3

Tyres, front/rear	225/60 R17 99Y
Rims, front/rear	7.5J x 17 light-alloy

Information

01/2019 Page 24

			BMW 730Ld
Transmission			
Type of transmis	sion		Eight-speed Steptronic transmission
Gear ratios	1	:1	5.500
		:1	3.520
		:1	2.200
	IV	:1	1.720
	V	:1	1.317
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.993
Final drive		:1	2.563
Performance			
Power-to-weight	ratio (DIN)	kg/kW	9.6
Output per litre		kW/I	65.2
Acceleration	0–100 km/h	S	6.2
Top speed		km/h	250
BMW Efficient	Dynamics		
BMW EfficientDy	namics		Brake Energy Regeneration with recuperation display, Electric Power Steering,
standard features	S		Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with

coasting function and Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter

Fuel Consumption ECE			
Urban	l/100 km	6.4 - 6.3	
Extra-urban	l/100 km	5.0 - 4.8	
Combined	l/100 km	5.5 – 5.3	
CO ₂	g/km	145 – 139	
Emission rating	-	Euro 6d-TEMP	

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

¹⁾ Height including roof fin

²⁾ Oil change

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The new BMW 7 Series. 730Ld xDrive.

		BMW 730Ld xDrive
Body		
No of doors/seats		4/5
ength/width/height 1)	mm	5260 / 1902 / 1479
unladen)		02007.0027.170
Vheelbase	mm	3210
rack, front/rear	mm	1617 / 1646
Ground clearance	mm	135
urning circle	m	12.9
Fuel tank capacity	approx. I	78
Engine oil ²⁾		6.5
Veight, unladen, to DIN/EU	kg	1930 / 2005
Aax load to DIN	kg	695
Aax permissible weight	kg	2625
1 0		1275 / 1415
Nax axle load, front/rear	kg	12/5/1415
Nax trailer load,	kg	2100/750
raked (12%)/unbraked	1.	2100 / 750
lax roofload/max towbar	kg	100 / 100
lownload	1	E1F
uggage comp capacity		515
ir resistance	c _d x A	0.25 x 2.42
Power Unit		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry
		common-rail direct injection with piezo injectors
		(max. injection pressure: 2500 bar)
ffective capacity	CC	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
/lax output	kW/hp	195/265
it	rpm	4000
Aax torque	Nm	620
it	rpm	2000 - 2500
lectrical System		
Battery/installation	Ah/-	90 / luggage compartment
Driving Dynamics and Saf	ety	
Suspension, front		Double-wishbone axle in aluminium construction with separate lower track arm, small steering roll radius, anti-dive, air suspension with self-levelling
Suspension, rear		Five-link axle in aluminium construction, steerable, with anti-squat and anti-dive control, double acoustic decoupling, air suspension with self-levelling
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
Driving stability systems		Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
		Fading Compensation, Start-Off Assistant, xDrive all-wheel-drive system networked with DSC, Dynamic Damper Control
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and fron
2 - 11 I		passenger, head airbags for front and rear seats, knee airbag on the driver's side
	1	three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt
		force limiter in the front, crash sensors, tyre pressure indicator
		Electric Power Steering (EPS)
steering		
Steering		with Servotronic function, optional: Integral Active Steering

Tyres, front/rear	225/60 R17 99Y
Rims, front/rear	7.5J x 17 light-alloy

			BMW 730Ld xDrive
Transmission	1		
Type of transm	ission		Eight-speed Steptronic transmission
Gear ratios	1	:1	5.500
		:1	3.520
		:1	2.200
	IV	:1	1.720
	V	:1	1.317
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.993
Final drive		:1	2.563
Performance			
Power-to-weig	ht ratio (DIN)	kg/kW	9.9
Output per litre	!	kW/I	65.2
Acceleration	0–100 km/h	S	5.9
Top speed		km/h	250
BMW Efficien	tDynamics		
BMW Efficient	Dynamics		Brake Energy Regeneration with recuperation display, Electric Power Steering,
standard featur	es		Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function and Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential and transfer case with

		BMW Blue Performance technology with SCR catalytic converter
Fuel Consumption E	CE	
Urban	l/100 km	6.7 – 6.5
Extra-urban	l/100 km	5.3 – 5.1
Combined	l/100 km	5.8 - 5.6
CO ₂	g/km	153 – 147
Emission rating		Euro 6d-TEMP

optimised warm-up behaviour, tyres with reduced rolling resistance,

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

¹⁾ Height including roof fin

²⁾ Oil change

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Correct as at: 16.01.2019

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The new BMW 7 Series. 740d xDrive.

		BMW 740d xDrive
Body		
No of doors/seats		4/5
_ength/width/height 1)	mm	
unladen)	111111	51207 13027 1407
Vheelbase	mm	3070
Frack, front/rear	mm	
Ground clearance	mm	
Furning circle	m	
Fuel tank capacity		
	approx. I	6.5
0	 /a	
Veight, unladen, to DIN/EU	kg	
lax load to DIN	kg	
Aax permissible weight	kg	
/lax axle load, front/rear	kg	1285 / 1390
/lax trailer load,	kg	
raked (12%)/unbraked		2300 / 750
/lax roofload/max towbar	kg	100 / 100
lownload		
uggage comp capacity		515
Air resistance	c _d x A	0.27 x 2.41
Power Unit		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, high- and low-
ingine teennology		pressure turbochargers with variable inlet geometry,
		common-rail direct injection with piezo injectors
		(max. injection pressure: 2500 bar)
ffective capacity	CC	
Stroke/bore	mm	
Compression ratio	:1	16.5
Fuel		Diesel
	L-\ \ //l= -=	
/lax output	kW/hp	
at	rpm	
Max torque	Nm	
at	rpm	1750 – 2250
Electrical System		
Battery/installation	Ah/–	90 / luggage compartment
Driving Dynamics and Saf	etv	
Suspension, front	,	Double-wishbone axle in aluminium construction with separate lower track arm.
		small steering roll radius, anti-dive, air suspension with self-levelling
Suspension, rear		Five-link axle in aluminium construction, steerable, with anti-squat and anti-dive
suspension, real		
Prokoo front		control, double acoustic decoupling, air suspension with self-levelling Vented disc brakes, with four-piston fixed callipers
Brakes, front		
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
		Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
		Fading Compensation, Start-Off Assistant, xDrive all-wheel-drive system
		networked with DSC, Dynamic Damper Control
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and fron
		passenger, head airbags for front and rear seats, knee airbag on the driver's side
		three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt
		force limiter in the front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS)
Steering		Electric Power Steering (EPS) with Servotronic function, optional: Integral Active Steering

Steering ratio, overall	:1	16.3	
Tyres, front/rear		245/50 R18 100Y	
Rims, front/rear		8J x 18 light-alloy	

			BMW 740d xDrive
Transmission	1		
Type of transm	nission		Eight-speed Steptronic transmission
Gear ratios		:1	5.500
		:1	3.520
		:1	2.200
	IV	:1	1.720
	V	:1	1.317
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.993
Final drive		:1	2.563
Performance			
Power-to-weig	ht ratio (DIN)	kg/kW	8.1
Output per litre)	kW/I	78.5
Acceleration	0–100 km/h	S	5.3
Top speed		km/h	250
BMW Efficien	ntDynamics		
BMW Efficient	Dynamics		Brake Energy Regeneration with recuperation display, Electric Power Steering,
standard features			Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function and Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential and transfer case with

	BMW Blue Performance technology with SCR catalytic converter
ECE	
l/100 km	7.2 - 6.9
l/100 km	5.3 - 4.9
l/100 km	6.0 – 5.6
g/km	158 – 148
-	Euro 6d-TEMP
	l/100 km l/100 km l/100 km

optimised warm-up behaviour, tyres with reduced rolling resistance,

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

1) Height including roof fin

²⁾ Oil change

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Correct as at: 16.01.2019

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The new BMW 7 Series. 740Ld xDrive.

	BMW 740Ld xDrive
	4/5
mm	5260 / 1902 / 1479
111111	52007 15027 1475
mm	3210
	1611/1640
	135
	12.9
approx. I	78
	6.5
kg	1950 / 2025
kg	695
kg	2645
ka	1300 / 1415
ng.	2300 / 750
ka	100 / 100
кy	1007 100
1	515
C _d X A	0.27 x 2.42
	In-line / 6 / 4
	BMW TwinPower Turbo technology: multi-stage turbocharging, high- and low-
	pressure turbochargers with variable inlet geometry,
	common-rail direct injection with piezo injectors
	(max. injection pressure: 2500 bar)
	2993
	90.0 / 84.0
:1	16.5
	Diesel
kW/hp	235/320
rpm	4400
Nm	680
rpm	1750 – 2250
Ah/-	90 / luggage compartment
ety	-
	Double-wishbone axle in aluminium construction with separate lower track arm,
	small steering roll radius, anti-dive, air suspension with self-levelling
	Five-link axle in aluminium construction, steerable, with anti-squat and anti-dive
	control, double acoustic decoupling, air suspension with self-levelling
	Vented disc brakes, with four-piston fixed callipers
	Vented disc brakes, with single-piston floating callipers
	Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
	Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
	Fading Compensation, Start-Off Assistant, xDrive all-wheel-drive system
	networked with DSC, Dynamic Damper Control
	Standard: airbags for driver and front passenger, side airbags for driver and front
	passenger, head airbags for front and rear seats, knee airbag on the driver's side
	three point inertia real anothelite on all sector with head later territory with the
	three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt
	three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter in the front, crash sensors, tyre pressure indicator Electric Power Steering (EPS)
	kg kg kg kg l c _d x A c _d x A c _d x A c _d x A c _d x A

Steering ratio, overall	:1	16.3	
Tyres, front/rear		245/50 R18 100Y	
Rims, front/rear		8J x 18 light-alloy	

			BMW 740Ld xDrive
Transmission	1		
Type of transm	ission		Eight-speed Steptronic transmission
Gear ratios	1	:1	5.500
		:1	3.520
		:1	2.200
	IV	:1	1.720
	V	:1	1.317
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.993
Final drive		:1	2.563
Performance			
Power-to-weig	ht ratio (DIN)	kg/kW	8.3
Output per litre	1	kW/I	78.5
Acceleration	0–100 km/h	S	5.4
Top speed		km/h	250
BMW Efficien	tDynamics		
BMW Efficient	Dynamics		Brake Energy Regeneration with recuperation display, Electric Power Steering,
standard featur	es		Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function and Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential and transfer case with

		optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter
Fuel Consumption EC	CE	
Urban	l/100 km	7.4 – 7.0
Extra-urban	l/100 km	5.2 - 4.9
Combined	l/100 km	6.0 - 5.7
CO ₂	g/km	158 – 149
Emission rating		Euro 6d-TEMP

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

¹⁾ Height including roof fin

²⁾ Oil change

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Correct as at: 16.01.2019

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The new BMW 7 Series. 750d xDrive.

		BMW 750d xDrive
Body		
No of doors/seats		4/5
Length/width/height ¹⁾ (unladen)	mm	5120 / 1902 / 1467
Wheelbase	mm	3070
Track, front/rear	mm	1611 / 1640
Ground clearance	mm	135
Turning circle	m	12.5
Fuel tank capacity	approx. I	78
Engine oil ²⁾		6.5
Weight, unladen, to DIN/EU	kg	1960 / 2035
Max load to DIN	kg	680
Max permissible weight	kg	2640
Max axle load, front/rear	kg	1310 / 1390
Max trailer load,	kg	
braked (12%)/unbraked	i g	2300 / 750
Max roofload/max towbar	kg	100 / 100
download	9	
Luggage comp capacity	1	515
Air resistance	c _d x A	0.26 x 2.41
	- u	
Power Unit		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging with four turbochargers (two turbochargers for the high-pressure and two for the low- pressure stage), high-pressure turbochargers with variable inlet geometry, common-rail direct injection with piezo injectors (max. injection pressure: >2500 bar)
Effective capacity	CC	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.0
Fuel		Diesel
Max output	kW/hp	294 / 400
at	rpm	4400
Max torque	Nm	760
at	rpm	2000 - 3000
Electrical System		
Battery/installation	Ah/-	90 / luggage compartment
Driving Dynamics and Sat	fetv	
Suspension, front	,	Double-wishbone axle in aluminium construction with separate lower track arm, small steering roll radius, anti-dive, air suspension with self-levelling
Suspension, rear		Five-link axle in aluminium construction, steerable, with anti-squat and anti-dive control, double acoustic decoupling, air suspension with self-levelling
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, xDrive all-wheel-drive system networked with DSC, Dynamic Damper Control
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, knee airbag on the driver's side, three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter in the front, crash sensors, tyre pressure indicator

Steering		Electric Power Steering (EPS)
-		with Servotronic function, optional: Integral Active Steering
Steering ratio, overall	:1	16.3
Tyres, front/rear		245/50 R18 100Y
Rims, front/rear		8J x 18 light-alloy

			BMW 750d xDrive
Transmission	1		
Type of transm	nission		Eight-speed Steptronic transmission
Gear ratios	I	:1	5.500
		:1	3.520
		:1	2.200
	IV	:1	1.720
	V	:1	1.317
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.993
Final drive		:1	2.647
Performance			
Power-to-weig	ht ratio (DIN)	kg/kW	6.7
Output per litre	9	kW/I	98.2
Acceleration	0–100 km/h	S	4.6
Top speed		km/h	250
BMW Efficien	ntDynamics		
BMW EfficientDynamics			Brake Energy Regeneration with recuperation display, Electric Power Steering
standard features			Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function and Proactive Driving Assistant, BMW EfficientLightweight,
			optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential and transfer case with

optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter

Fuel Consumption ECE			
Urban	l/100 km	6.9 - 6.7	
Extra-urban	l/100 km	5.5 – 5.3	
Combined	l/100 km	6.0 – 5.8	
CO ₂	g/km	157 – 152	
Emission rating		Euro 6d-TEMP	

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

¹⁾ Height including roof fin

²⁾ Oil change

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The new BMW 7 Series. 750Ld xDrive.

		BMW 750Ld xDrive
Body		
No of doors/seats		4/5
Length/width/height ¹⁾	mm	5260 / 1902 / 1479
(unladen)		32007 13027 1473
Wheelbase	mm	3210
Track, front/rear	mm	1611 / 1640
Ground clearance	mm	135
Turning circle	m	12.9
Fuel tank capacity	approx. I	78
Engine oil ²⁾		6.5
Weight, unladen, to DIN/EU	kg	2000/2075
Max load to DIN	kg	690
Max permissible weight	kg	2690
Max axle load, front/rear	kg	1335 / 1415
Max trailer load.	kg	
braked (12%)/unbraked	g	2300 / 750
Max roofload/max towbar	kg	100 / 100
download		
Luggage comp capacity		515
Air resistance	c _d x A	0.26 × 2.42
	-0	
Power Unit		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging with four
Engine teennology		turbochargers (two turbochargers for the high-pressure and two for the low-
		pressure stage), high-pressure turbochargers with variable inlet geometry,
		common-rail direct injection with piezo injectors
		(max. injection pressure: >2500 bar)
Effective capacity		2993
Stroke/bore	00	90.0 / 84.0
Compression ratio		16.0
Fuel	.	Diesel
	LAA//bro	
Max output	kW/hp	
at	rpm	4400
Max torque	Nm	760
at	rpm	2000 – 3000
Electrical System		
Battery/installation	Ah/-	90 / luggage compartment
Batterymietanation	,	
Driving Dynamics and Sat	fety	
Suspension, front	-	Double-wishbone axle in aluminium construction with separate lower track arm,
,		small steering roll radius, anti-dive, air suspension with self-levelling
Suspension, rear		Five-link axle in aluminium construction, steerable, with anti-squat and anti-dive
,		control, double acoustic decoupling, air suspension with self-levelling
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
		Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
		Fading Compensation, Start-Off Assistant, xDrive all-wheel-drive system
		networked with DSC, Dynamic Damper Control
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front
		passenger, head airbags for front and rear seats, knee airbag on the driver's side,
		three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt
		force limiter in the front, crash sensors, tyre pressure indicator

Steering		Electric Power Steering (EPS)
		with Servotronic function, optional: Integral Active Steering
Steering ratio, overall	:1	16.3
Tyres, front/rear		245/50 R18 100Y
Rims, front/rear		8J x 18 light-alloy

Information

01/2019 Page 39

		BMW 750Ld xDrive
		Eight-speed Steptronic transmission
I	:1	5.500
	:1	3.520
	:1	2.200
IV	:1	1.720
V	:1	1.317
VI	:1	1.000
VII	:1	0.823
VIII	:1	0.640
R	:1	3.993
	:1	2.647
DIN)	kg/kW	6.8
	kW/l	98.2
) km/h	S	4.7
	km/h	250
nics		
BMW EfficientDynamics		Brake Energy Regeneration with recuperation display, Electric Power Steering,
		Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function and Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential and transfer case with
	III IV V VI VII VIII R DIN) DIN)	II :1 III :1 IV :1 V :1 VI :1 VII :1 VIII :1 OIN) kg/kW kW/I kW/I D km/h s s s

	BMW Blue Performance technology with SCR catalytic converter
ECE	
l/100 km	7.2 - 6.8
l/100 km	5.5 – 5.4
l/100 km	6.1 – 5.9
g/km	160 – 155
	Euro 6d-TEMP
	l/100 km l/100 km

optimised warm-up behaviour, tyres with reduced rolling resistance,

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

1) Height including roof fin

²⁾ Oil change

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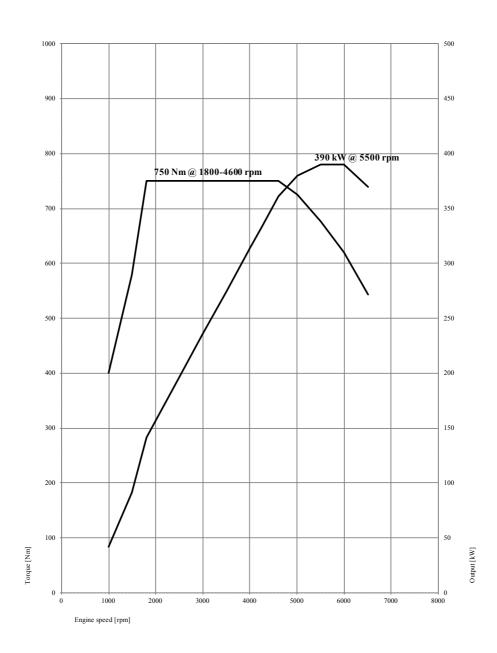
Correct as at: 16.01.2019

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01/2019 Page 40

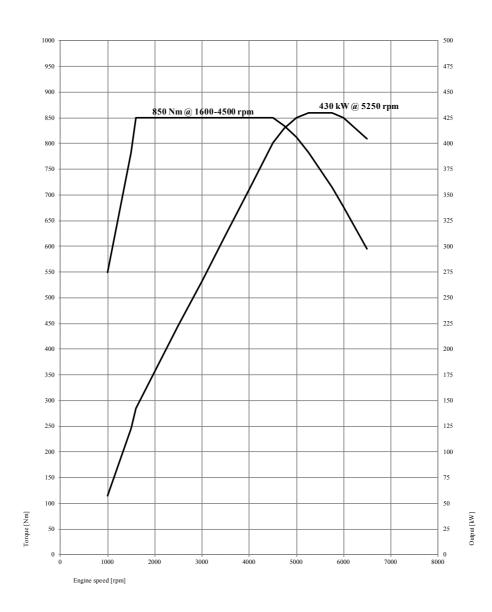
Output and torque diagrams. The new BMW 7 Series. 750i xDrive, 750Li xDrive.



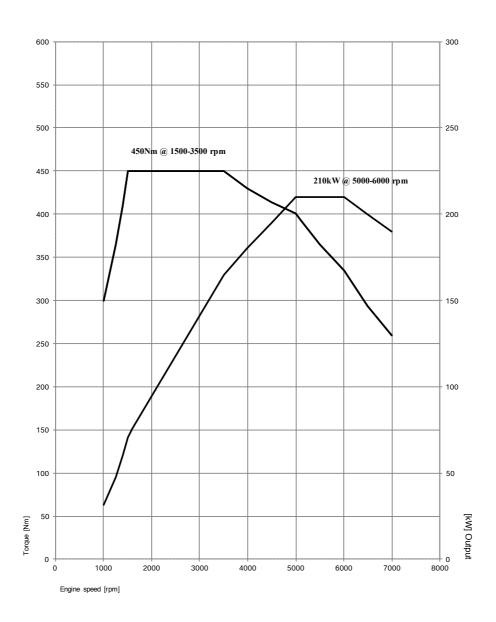


01/2019 Page 41

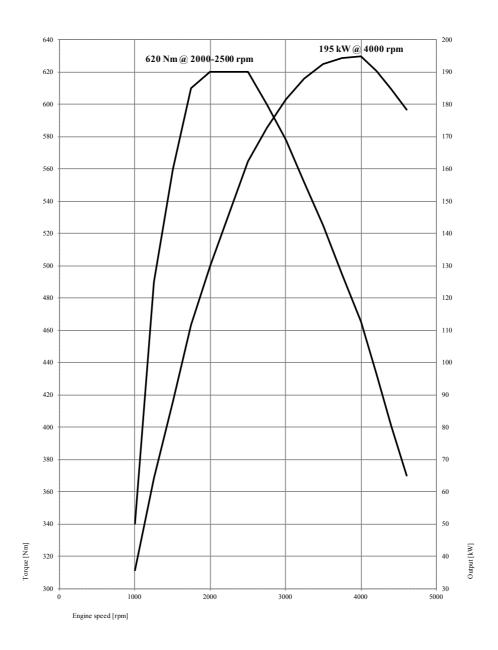
The new BMW 7 Series M760Li xDrive.



The new BMW 7 Series 745e, 745Le, 745Le xDrive.

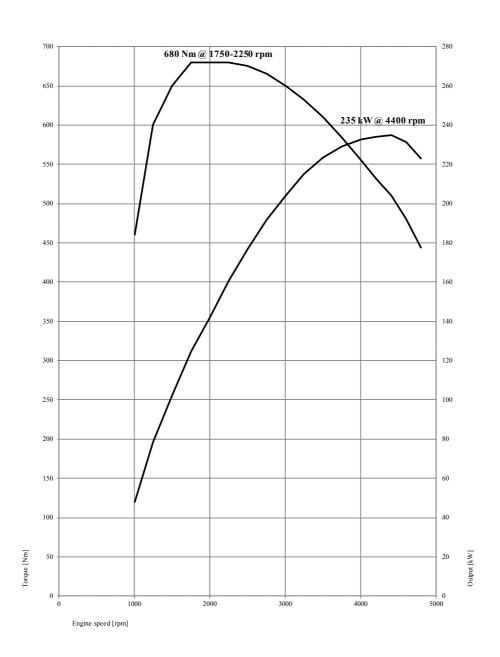


The new BMW 7 Series 730d, 730Ld, 730 xDrive, 730Ld xDrive.

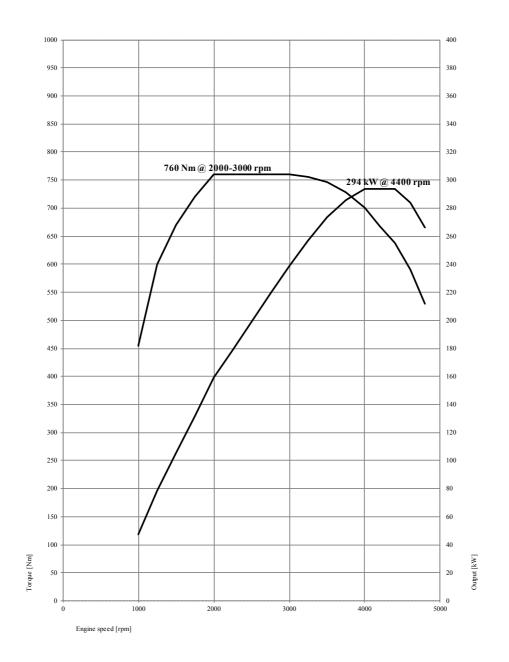


01/2019 Page 44

The new BMW 7 Series. 740d xDrive, 740Ld xDrive.



The new BMW 7 Series. 750d xDrive, 750Ld xDrive.



01/2019 Page 46

Exterior and interior dimensions.

The new BMW 7 Series.



