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



		BMW 750i xDrive
Body		
No of doors/seats		4/5
Length/width/height 1)	mm	5120 / 1902 / 1467
(unladen)		
Wheelbase	mm	3070
Track, front/rear	mm	1621 / 1650
Ground clearance	mm	135
Turning circle	m	12.5
Fuel tank capacity	approx. I	78
Engine oil ²⁾	I	10.5
Weight, unladen, to DIN/EU	kg	1965 / 2040
Max load to DIN	kg	675
Max permissible weight	kg	2640
Max axle load, front/rear	kg	1330 / 1380
Max trailer load, braked (12%)/unbraked	kg	2300 / 750
Max roofload/max towbar	kg	100 / 100
download		545
Luggage comp capacity	<u> </u>	515
Air resistance	c _d x A	0.27 x 2.41
Power Unit		
Config/No of cyls/valves		V/8/4
ngine technology BMW TwinPower Turbo technology: two TwinScroll turbochar Precision Direct Injection, VALVETRONIC fully variable valve		
		Double-VANOS variable camshaft timing
Effective capacity	CC	4395
Stroke/bore	mm	88.3 / 89.0
Compression ratio	:1	10.5
Fuel		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/–	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-divident 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
Safety equipment		networked with DSC, Dynamic Damper Control
		Standard: airbags for driver and front passenger, side airbags for driver and front
Salety equipment		passanger hand sirbage for front and rear seats lines sirbag on the different aid
Salety equipment		passenger, head airbags for front and rear seats, knee airbag on the driver's sid
Salety equipment		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
Steering		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
			DIVIVY 7301 XD11VE
Transmission			
Type of transmission	on		Eight-speed Steptronic transmission
Gear ratios	I	:1	5.500
	II	:1	3.520
	III	: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-weight ra	atio (DIN)	kg/kW	5.0
Output per litre		kW/l	88.7
Acceleration 0	–100 km/h	S	4.0
Top speed		km/h	250
BMW EfficientDy	/namics		
BMW EfficientDyna	amics		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
	505		
Fuel Consumptio	JII EUE	l/100 km	13.2 – 13.1
			7.4 – 7.4
Extra-urban Combined		I/100 km	9.5 – 9.5
Combined CO ₂			9.5 – 9.5 217 – 217
		g/km	
Emission rating			Euro 6d-TEMP

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 CO₂ values may differ from the values stated here (depending on national legislation).

Correct as at: 16.01.2019

¹⁾ Height including roof fin ²⁾ Oil change

The new BMW 7 Series. 750Li xDrive.

		BMW 750Li xDrive			
Body					
No of doors/seats		4/5			
Length/width/height 1)	mm	5260 / 1902 / 1479			
(unladen)	111111	32007 13027 1473			
Wheelbase	mm	3210			
Track, front/rear	mm	1621 / 1650			
Ground clearance	mm	135			
Turning circle	m	12.9			
Fuel tank capacity	approx. I	78			
Engine oil 2)	арргох. г	10.5			
Weight, unladen, to DIN/EU	lea .	2000 / 2075			
Max load to DIN	kg kg	675			
Max permissible weight	kg	2675			
Max axle load, front/rear	kg	1340 / 1395			
Max trailer load,	kg	2200 / 750			
braked (12%)/unbraked	1	2300 / 750			
Max roofload/max towbar	kg	100 / 100			
download	1	E4F			
Luggage comp capacity	<u></u>	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,			
		Double-VANOS variable camshaft timing			
Effective capacity	CC	4395			
Stroke/bore	mm	88.3 / 89.0			
Compression ratio	:1	10.5			
Fuel		min. RON 91			
Max output	kW/hp	390 / 530			
at .	rpm	5500 – 6000			
Max torque	Nm	750			
at	rpm	1800 – 4600			
Electrical System	A I. /	405/1			
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			
D		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			
0.6		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	245/45 R19 102Y XL	
Rims, front/rear	8.5J x 18 light-alloy	

			BMW 750Li xDrive
Transmission			
Type of transmission	n		Eight-speed Steptronic transmission
Gear ratios	- 1	:1	5.500
		:1	3.520
	III	: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-weight ra	tio (DIN)	kg/kW	5.1
Output per litre		kW/l	88.7
Acceleration 0-	–100 km/h	S	4.1
Top speed		km/h	250
BMW EfficientDy	namics		
BMW EfficientDyna	amics		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
			Spannood warm up bondwood, theo warmeddood rolling roolotanoo
Fuel Consumptio	n ECE		100 101
Urban		I/100 km	13.2 – 13.1
Extra-urban		I/100 km	7.5 – 7.5
Combined		I/100 km	9.6 – 9.5
CO ₂		g/km	218 – 218
Emission rating			Euro 6d-TEMP

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 CO₂ values may differ from the values stated here (depending on national legislation).

Correct as at: 16.01.2019

¹⁾ Height including roof fin ²⁾ Oil change

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)	111111	32007 13027 1473
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)	app.o	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,		141071430
braked (12%)/unbraked	kg	-/-
Max roofload/max towbar	kg	100 / -
download	кy	1007-
Luggage comp capacity		515
Air resistance	c _d x A	0.30 x 2.42
All resistance	CQ X A	0.30 \ 2.42
Power Unit		
Config/No of cyls/valves		V/12/4
Engine technology		BMW TwinPower Turbo technology: two mono-scroll turbochargers, High
3 3,		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	De la California de California
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
0.6		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
			DINIVI NI / OOLI ADIIVC
Transmission			
Type of transmission	on		Eight-speed Steptronic transmission
Gear ratios	I	:1	5.000
	II	:1	3.200
	III	: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 ra	itio (DIN)	kg/kW	5.2
Output per litre		kW/l	65.2
Acceleration 0-	–100 km/h	S	3.8
Top speed		km/h	250 / 305 ³⁾
BMW EfficientDy	namics		
BMW EfficientDyna	amics		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
Fuel Consumptio	n ECE		
Urban		I/100 km	18.3 – 18.1
Extra-urban		I/100 km	9.2 – 8.9
Combined		I/100 km	12.5 – 12.4
CO ₂		g/km	285 – 282
Emission rating			Euro 6d-TEMP

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Correct as at: 16.01.2019

Height including roof fin
 Oil change
 With optional M Driver's Package

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The new BMW 7 Series. 745e.

		BMW 745e
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	12.3
Fuel tank capacity	approx. I	46
Engine oil 2)		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
Max roofload/max towbar download	kg	100 / –
_uggage comp capacity	Ī	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, High
5		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
-uel		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/l	70.0
Electric Motor		
Motor technology		BMW eDrive technology: synchronous electric motor integrated int
		eight-speed Steptronic transmission, generator function for

Max torque	Nm	450
at	rpm	1500 – 3500
Output per litre	kW/l	70.0
Electric Motor		
Motor technology	ΒN	/IW eDrive technology: synchronous electric motor integrated into
		eight-speed Steptronic transmission, generator function for
		recuperating energy for the high-voltage battery
Max output	kW/hp	83 / 113
at	rpm	3170
Max torque	Nm	265
at	rpm	0 – 2700
Recuperation output	kW	20
High-voltage battery		
Storage technology/installation		Lithium-ion / underneath rear seats
Voltage	V	355
Energy capacity (gross)	kWh	12.0
Charging time for 100% charge		4.4 h at 3.7 kW (16 A / 230 V)

		BMW 745e
Driving Dynamics and Safety		
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		caxle in aluminium construction, steerable, with anti-squat and e 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	(Cornering	SC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC Brake Control), DBC (Dynamic Brake Control), Dry Braking 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 a, three-point inertia-reel seatbelts on all seats with belt latch and belt force limiter in the front, crash sensors, tyre pressure indicator
Steering	Wi	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	5.2
Top speed	km/h	250
Top speed (electric)	km/h	140
Range (electric)	km	54 – 58
BMW EfficientDynamics		
BMW EfficientDynamics standard features	function, Optimu Proactive Driving attributes, active	nology, Electric Power Steering, hybrid-specific Auto Start Storm Shift Indicator, ECO PRO mode with coasting function and Assistant, BMW EfficientLightweight, optimised aerodynamic air flap control, on-demand operation of ancillary units, mapmp, differential with optimised warm-up behaviour, tyres with reduced rolling resistance
Fuel Consumption ECE		
Fuel consumption combined	l/100 km	2.2 – 2.1
CO ₂ emissions from fuel	g/km	52 – 48
Electric power consumption combined	kWh/100 km	15.4 – 15.0
Emission rating		Euro 6d-TEMP

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Correct as at: 16.01.2019

¹⁾ Height including roof fin ²⁾ Oil change

The new BMW 7 Series. 745Le.

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		BMW 745Le
		DINIV / TOLC
Body		
No of doors/seats		4/5
Length/width/height 1) (unladen)	mm	5260 / 1902 / 1479
Wheelbase	mm	3210
Track, front/rear	mm	1611 / 1640
Ground clearance	mm	135
Turning circle	m	12.8
Fuel tank capacity	approx. I	46
Engine oil ²⁾		6.5
Weight, unladen, to DIN/EU	kg	2035 / 2110
Max load to DIN	kg	635
Max permissible weight	kg	2670
Max axle load, front/rear	kg	1245 / 1500
Max roofload/max towbar download	kg	100 / –
Luggage comp capacity	I	420
Air resistance	c _d x A	0.27 x 2.42
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
	CC	Precision Direct Injection, VALVETRONIC fully variable valve timing
Effective capacity	cc mm	Precision Direct Injection, VALVETRONIC fully variable valve timing Double-VANOS variable camshaft timing
Effective capacity Stroke/bore		Precision Direct Injection, VALVETRONIC fully variable valve timing Double-VANOS variable camshaft timing 2998
Effective capacity Stroke/bore Compression ratio	mm	Precision Direct Injection, VALVETRONIC fully variable valve timing Double-VANOS variable camshaft timing 2998 94.6 / 82.0
Effective capacity Stroke/bore Compression ratio Fuel	mm	Precision Direct Injection, VALVETRONIC fully variable valve timing Double-VANOS variable camshaft timing 2998 94.6 / 82.0 11.0
Effective capacity Stroke/bore Compression ratio Fuel Max output	mm :1	Precision Direct Injection, VALVETRONIC fully variable valve timing Double-VANOS variable camshaft timing 2998 94.6 / 82.0 11.0 min. RON 91
Effective capacity Stroke/bore Compression ratio Fuel Max output at	mm :1 kW/hp	Precision Direct Injection, VALVETRONIC fully variable valve timing Double-VANOS variable camshaft timing 2998 94.6 / 82.0 11.0 min. RON 91 210 / 286
Effective capacity Stroke/bore Compression ratio Fuel Max output at Max torque	mm :1 kW/hp rpm	Precision Direct Injection, VALVETRONIC fully variable valve timing Double-VANOS variable camshaft timing 2998 94.6 / 82.0 11.0 min. RON 91 210 / 286 5000 – 6000
Effective capacity Stroke/bore Compression ratio Fuel Max output at Max torque at	mm :1 kW/hp rpm Nm	Precision Direct Injection, VALVETRONIC fully variable valve timing Double-VANOS variable camshaft timing 2998 94.6 / 82.0 11.0 min. RON 91 210 / 286 5000 – 6000 450
Effective capacity Stroke/bore Compression ratio Fuel Max output at Max torque at Output per litre	mm :1 kW/hp rpm Nm rpm kW/l	Precision Direct Injection, VALVETRONIC fully variable valve timing 2998 94.6 / 82.0 11.0 min. RON 91 210 / 286 5000 – 6000 450 1500 – 3500 70.0
Effective capacity Stroke/bore Compression ratio Fuel Max output at Max torque at Output per litre Electric Motor	mm :1 kW/hp rpm Nm rpm kW/l	Precision Direct Injection, VALVETRONIC fully variable valve timing Double-VANOS variable camshaft timing 2998 94.6 / 82.0 11.0 min. RON 91 210 / 286 5000 – 6000 450 1500 – 3500 70.0 BMW eDrive technology: synchronous electric motor integrated integrated Steptronic transmission, generator function for
Effective capacity Stroke/bore Compression ratio Fuel Max output at Max torque at Output per litre Electric Motor Motor technology	mm :1 kW/hp rpm Nm rpm kW/l	Precision Direct Injection, VALVETRONIC fully variable valve timing 2998 94.6 / 82.0 11.0 min. RON 91 210 / 286 5000 – 6000 450 1500 – 3500 70.0 BMW eDrive technology: synchronous electric motor integrated integrated Steptronic transmission, generator function for recuperating energy for the high-voltage battery
Effective capacity Stroke/bore Compression ratio Fuel Max output at Max torque at Output per litre Electric Motor Motor technology Max output	mm :1 kW/hp rpm Nm rpm kW/l	Precision Direct Injection, VALVETRONIC fully variable valve timing 2998 94.6 / 82.0 11.0 min. RON 91 210 / 286 5000 – 6000 450 1500 – 3500 70.0 BMW eDrive technology: synchronous electric motor integrated integrated Steptronic transmission, generator function for recuperating energy for the high-voltage battery 83 / 113
Effective capacity Stroke/bore Compression ratio Fuel Max output at Max torque at Output per litre Electric Motor Motor technology Max output at	mm :1 kW/hp rpm Nm rpm kW/l	Precision Direct Injection, VALVETRONIC fully variable valve timing 2998 94.6 / 82.0 11.0 min. RON 91 210 / 286 5000 – 6000 450 1500 – 3500 70.0 BMW eDrive technology: synchronous electric motor integrated integrated Steptronic transmission, generator function for recuperating energy for the high-voltage battery 83 / 113 3170
Effective capacity Stroke/bore Compression ratio Fuel Max output at Max torque at Output per litre Electric Motor Motor technology Max output at Max output	mm :1 kW/hp rpm Nm rpm kW/ll kW/hp rpm	Precision Direct Injection, VALVETRONIC fully variable valve timing 2998 94.6 / 82.0 11.0 min. RON 91 210 / 286 5000 – 6000 450 1500 – 3500 70.0 BMW eDrive technology: synchronous electric motor integrated integrated synchronic transmission, generator function for recuperating energy for the high-voltage battery 83 / 113 3170 265
Effective capacity Stroke/bore Compression ratio Fuel Max output at Max torque at Output per litre Electric Motor Motor technology Max output at Max output	mm :1 kW/hp rpm Nm rpm kW/l	Precision Direct Injection, VALVETRONIC fully variable valve timing 2998 94.6 / 82.0 11.0 min. RON 91 210 / 286 5000 – 6000 450 1500 – 3500 70.0 BMW eDrive technology: synchronous electric motor integrated integrated synchronic transmission, generator function for recuperating energy for the high-voltage battery 83 / 113 3170
Effective capacity Stroke/bore Compression ratio Fuel Max output at Max torque at Output per litre Electric Motor Motor technology Max output at Max torque at Recuperation output	mm :1 kW/hp rpm Nm rpm kW/l	Precision Direct Injection, VALVETRONIC fully variable valve timing 2998 94.6 / 82.0 11.0 min. RON 91 210 / 286 5000 – 6000 450 1500 – 3500 70.0 BMW eDrive technology: synchronous electric motor integrated integrated synchronic transmission, generator function for recuperating energy for the high-voltage battery 83 / 113 3170 265 0 – 2700
Effective capacity Stroke/bore Compression ratio 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	mm :1 kW/hp rpm Nm rpm kW/l	Precision Direct Injection, VALVETRONIC fully variable valve timing Double-VANOS variable camshaft timing 2998 94.6 / 82.0 11.0 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 83 / 113 3170 265 0 – 2700 20
Effective capacity Stroke/bore Compression ratio 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	mm :1 kW/hp rpm Nm rpm kW/l	Precision Direct Injection, VALVETRONIC fully variable valve timing Double-VANOS variable camshaft timing 2998 94.6 / 82.0 11.0 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 83 / 113 3170 265 0 – 2700 20 Lithium-ion / underneath rear seats
Engine technology Effective capacity Stroke/bore Compression ratio Fuel Max output at Max torque at Output per litre Electric Motor Motor technology Max output at Max torque at Max torque at Max torque at Figure 1 Max torque at Max torque at Max torque at Fecuperation output High-voltage battery Storage technology/installation Voltage	kW/hp rpm Nm rpm kW/l kW/lhp rpm Nm rpm kW/l	Precision Direct Injection, VALVETRONIC fully variable valve timing Double-VANOS variable camshaft timing 2998 94.6 / 82.0 11.0 min. RON 91 210 / 286 5000 – 6000 450 1500 – 3500 70.0 BMW eDrive technology: synchronous electric motor integrated integrated eight-speed Steptronic transmission, generator function for recuperating energy for the high-voltage battery 83 / 113 3170 265 0 – 2700 20 Lithium-ion / underneath rear seats 355
Effective capacity Stroke/bore Compression ratio 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	mm :1 kW/hp rpm Nm rpm kW/l	Precision Direct Injection, VALVETRONIC fully variable valve timing Double-VANOS variable camshaft timing 2998 94.6 / 82.0 11.0 min. RON 91 210 / 286 5000 – 6000 450 1500 – 3500 70.0 BMW eDrive technology: synchronous electric motor integrated integrated steptronic transmission, generator function for recuperating energy for the high-voltage battery 83 / 113 3170 265 0 – 2700 20 Lithium-ion / underneath rear seats

		BMW 745Le
Driving Dynamics and Safety		
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		caxle in aluminium construction, steerable, with anti-squat and e 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	(Cornering	SC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC Brake Control), DBC (Dynamic Brake Control), Dry Braking 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 a, three-point inertia-reel seatbelts on all seats with belt latch nd belt force limiter in the front, crash sensors, tyre pressure indicator
Steering	wi	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
II	:1	3.143
III	: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) Range (electric)	km/h km	140 52 – 55
Nange (electric)	NIII	32 - 33
BMW EfficientDynamics	D1014 D :	
BMW EfficientDynamics standard features	function, Optimu Proactive Driving attributes, active	nology, Electric Power Steering, hybrid-specific Auto Start Storm Shift Indicator, ECO PRO mode with coasting function and Assistant, BMW EfficientLightweight, optimised aerodynamic air flap control, on-demand operation of ancillary units, mapmp, 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

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 CO₂ values may differ from the values stated here (depending on national legislation).

Correct as at: 16.01.2019

¹⁾ Height including roof fin ²⁾ Oil change

The new BMW 7 Series. 745Le xDrive.

		BMW 745Le xDrive
D!		
Body No. of do one/ocorte		A / F
No of doors/seats		4/5
Length/width/height 1) (unladen)	mm	5260 / 1902 / 1479
Wheelbase	mm	3210
Track, front/rear	mm	1611 / 1640
Ground clearance	mm	135
Turning 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
Max axle load, front/rear	kg	1300 / 1500
Max roofload/max towbar download	kg	100 / –
Luggage comp capacity	I	420
Air resistance	c _d x A	0.27 x 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
Max system output	kW/hp	290 / 394
Max 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, 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
Max output	kW/hp	210 / 286
at	rpm	5000 – 6000
Max torque	Nm	450
at	rpm	1500 – 3500
Output per litre	kW/l	70.0
- Catput poi illu		7 010
Electric Motor		
Motor technology		BMW eDrive technology: synchronous electric motor integrated into
6,		eight-speed Steptronic transmission, generator function for
		recuperating energy for the high-voltage battery
Max output	kW/hp	83 / 113
at	rpm	3170
Max torque	Nm	265
at	rpm	0 – 2700
Recuperation output	kW	20
1.00aporation output	IVVV	20
High-voltage battery		
Storage technology/installation		Lithium-ion / underneath rear seats
Voltage	V	355
	V	555
	k\//h	12.0
Energy capacity (gross) Charging time for 100% charge	kWh	12.0 4.4 h at 3.7 kW (16 A / 230 V)

		BMW 745Le xDrive
Driving Dynamics and Cafety		
Driving Dynamics and Safety Suspension, front	Double	e-wishbone axle in aluminium construction with separate lower
Suspension, none	Double	track arm, small steering roll radius, anti-dive,
		air suspension with self-levelling
C	Fire Baland	
Suspension, rear		e in aluminium construction, steerable, with anti-squat and anti-
	aive control	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
Driving stability systems	Standard: D	SC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC
	(Cornerin	g Brake Control), DBC (Dynamic Brake Control), Dry Braking
	function, Fa	ading Compensation, Start-Off Assistant, DSC networked with
	хD	rive all-wheel-drive system, Dynamic Damper Control
Safety equipment	Standard: ai	rbags for driver and front passenger, side airbags for driver and
, , ,		enger, head airbags for front and rear seats, knee airbag on the
	· ·	le, three-point inertia-reel seatbelts on all seats with belt latch
		and belt force limiter in the front, crash sensors, tyre pressure
	teriolorier	indicator
Ctaorina		Electric Power Steering (EPS)
Steering	***	
Observation		ith 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
<u> </u>	: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		5.4
Acceleration 0–100 km/h	S	5.1
Top speed	km/h	250
Top speed (electric)	km/h	140
Range (electric)	km	50 – 54
BMW EfficientDynamics		
BMW EfficientDynamics standard	BMW eDrive tech	nology, Electric Power Steering, hybrid-specific Auto Start Sto
features	function Ontime	um Shift Indicator, ECO PRO mode with coasting function and
leatures		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 lm	26. 22
Fuel consumption combined	I/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
combined Emission rating		Euro 6d-TEMP
LITHOSIOTITALITY		LUIU OU- I LIVIF

 $All \ figures \ relating \ to \ performance, fuel/electric \ power \ consumption, \ CO_2 \ emissions \ and \ operating \ range \ are \ provisional.$

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

¹⁾ Height including roof fin 2) Oil change

The new BMW 7 Series. 730d xDrive.

		BMW 730d xDrive
Body		415
No of doors/seats		4/5
Length/width/height 1)	mm	5120 / 1902 / 1467
(unladen)		2070
Wheelbase	mm	3070
Track, front/rear	mm	1617 / 1646
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
Vlax roofload/max towbar	kg	100 / 100
download		
uggage 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
3		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
-uel		Diesel
Max output	kW/hp	195 / 265
at	rpm	4000
Max torque	Nm	620
at	rpm	2000 – 2500
31	тртт	2000 2000
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
Oriving 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)
		with Constant function autients let and Active Charles
		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
			DIMW 7300 XDIIVE
Transmission			
Type of transmission	ı		Eight-speed Steptronic transmission
Gear ratios	-	:1	5.500
	II.	:1	3.520
	III	: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	o (DIN)	kg/kW	9.6
Output per litre	, ,	kW/l	65.2
Acceleration 0–1	100 km/h	S	5.8
Top speed		km/h	250
BMW EfficientDyn	amics		
BMW EfficientDynam			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	6.5 – 6.3
Extra-urban		1/100 km	5.2 – 5.0
Combined		1/100 km	5.7 – 5.5
COmbined CO ₂		a/km	150 – 143
Emission rating		g/KIII	Euro 6d-TEMP
Liniosion rating			Luio ou- i Livii

All figures relating to performance, fuel/electric power consumption, CO_2 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

¹⁾ Height including roof fin

²⁾ Oil change

The new BMW 7 Series. 730Ld.

		BMW 730Ld
Dadu		
Body No of doors/seats		4/5
Length/width/height 1)		5260 / 1902 / 1479
(unladen)	mm	52007190271479
Wheelbase	mm	3210
Track, front/rear	mm	1618 / 1646
Ground clearance	mm	135
Turning circle	m	12.8
Fuel tank capacity	approx. I	78
Engine oil 2)	арргол. г	6.5
Weight, unladen, to DIN/EU	kg	1870 / 1945
Max load to DIN	kg	690
Max permissible weight	kg	2560
Max axle load, front/rear	kg	1225 / 1400
Max trailer load,		12237 1400
braked (12%)/unbraked	kg	2100 / 750
Max roofload/max towbar	kg	100 / 100
download	Ng	1007 100
Luggage comp capacity		515
Air resistance	c _d x A	0.24 x 2.42
All 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,
Engine technology		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		4000
Max torque	rpm Nm	620
		2000 – 2500
at	rpm	2000 – 2300
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
		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
	1	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		
Steering		force limiter in the front, crash sensors, tyre pressure indicator

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

			BMW 730Ld
Transmission			
Type of transmiss	sion		Eight-speed Steptronic transmission
Gear ratios	I	:1	5.500
	ll l	:1	3.520
	III	: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/l	65.2
Acceleration	0-100 km/h	S	6.2
Top speed		km/h	250
BMW EfficientD	Dynamics		
BMW EfficientDy	•		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 with optimised warm-up
			behaviour, tyres with reduced rolling resistance, BMW Blue Performance
			technology with SCR catalytic converter
Fuel Consumpt	ion ECE		
Urban		I/100 km	6.4 – 6.3
Extra-urban		I/100 km	5.0 – 4.8
Combined		I/100 km	5.5 – 5.3
CO ₂		g/km	145 – 139
Emission rating		<u> </u>	Euro 6d-TEMP

All figures relating to performance, fuel/electric power consumption, CO_2 emissions and operating range are provisional.

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Correct as at: 16.01.2019

¹⁾ Height including roof fin

²⁾ Oil change

The new BMW 7 Series. 730Ld xDrive.

		BMW 730Ld xDrive
n		
Body		A / E
No of doors/seats		4/5
_ength/width/height 1)	mm	5260 / 1902 / 1479
unladen)		0040
Vheelbase	mm	
rack, front/rear	mm	
Ground clearance	mm	
Furning circle	m	· · · · · · · · · · · · · · · · · · ·
Fuel tank capacity	approx. I	
Engine oil ²⁾		6.5
Weight, unladen, to DIN/EU	kg	1930 / 2005
Max load to DIN	kg	695
Max permissible weight	kg	2625
Max axle load, front/rear	kg	1275 / 1415
Лах trailer load,	kg	
oraked (12%)/unbraked		2100 / 750
Max roofload/max towbar	kg	100 / 100
lownload		
uggage comp capacity	I	515
Air 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
ingino toomiology		common-rail direct injection with piezo injectors
		(max. injection pressure: 2500 bar)
Effective capacity	CC	
Stroke/bore	mm	***
Compression ratio	:1	16.5
Fuel	• '	Diesel
	1.3 \$ / //= -=	
Max output	kW/hp	
at .	rpm	
Max torque	Nm	
at	rpm	2000 – 2500
Electrical System		
Battery/installation	Ah/-	90 / luggage compartment
Saccor y moramación	7 4 10	oo naggago oomparamona
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
Jg 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
Jaioty Equipment		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
		·
Stooring		force limiter in the front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS)
Dia antina martia (m. 1911)		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

			BMW 730Ld xDrive
Transmission			
Type of transmissio	n		Eight-speed Steptronic transmission
Gear ratios	I	:1	5.500
		:1	3.520
	III	: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 ra	tio (DIN)	kg/kW	9.9
Output per litre		kW/l	65.2
	-100 km/h	S	5.9
Top speed		km/h	250
BMW EfficientDy	namics		
BMW EfficientDyna	mics		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 Consumptio	n ECE		
Urban		I/100 km	6.7 – 6.5
Extra-urban		I/100 km	5.3 – 5.1
Combined		I/100 km	5.8 – 5.6
CO ₂		a/km	153 – 147
Emission rating		9	Euro 6d-TEMP

 $All \ figures \ relating \ to \ performance, fuel/electric \ power \ consumption, \ CO_2 \ emissions \ and \ operating \ range \ are \ provisional.$

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

¹⁾ Height including roof fin ²⁾ Oil change

The new BMW 7 Series. 740d xDrive.

		BMW 740d xDrive
Body		
No of doors/seats		4/5
Length/width/height 1) (unladen)	mm	5120 / 1902 / 1467
Wheelbase	mm	3070
Track, front/rear	mm mm	1611 / 1640
Ground clearance		135
Turning circle	mm m	12.5
Fuel tank capacity	approx. I	78
Engine oil 2)	арргол. І	6.5
Weight, unladen, to DIN/EU	kg	1915 / 1990
Max load to DIN	kg	690
Max permissible weight	kg	2605
Max axle load, front/rear	kg	1285 / 1390
Max trailer load, braked (12%)/unbraked	kg	2300 / 750
Max roofload/max towbar	kg	100 / 100
download		
Luggage comp capacity		515
<u>Air resistance</u>	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- 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	16.5
Fuel		Diesel
Max output	kW/hp	235 / 320
at	rpm	4400
Max torque	Nm	680
at	rpm	1750 – 2250
Electrical System		
Battery/installation	Ah/-	90 / luggage compartment
Driving Dynamics and Sa	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	

Performance Power-to-weight ratio (DIN) kg/kW 8.1 Output per litre kW/l 78.5 Acceleration 0–100 km/h s 5.3 Top speed km/h 250 BMW EfficientDynamics 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, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter Fuel Consumption ECE Urban I/100 km 7.2 – 6.9 Extra-urban I/100 km 5.3 – 4.9 Combined I/100 km 6.0 – 5.6 CO2 g/km 158 – 148				BMW 740d xDrive
Type of transmission	-			
1				F: 10: 10: 1 : 1
	71			
III	Gear ratios	<u> </u>		*****
IV				
V				
VI 11 1.000 VII 11 0.823 VIII 11 0.640 R 11 3.993 Final drive 11 2.563 Performance Power-to-weight ratio (DIN) kg/kW 8.1 Output per litre kW/l 78.5 Acceleration 0–100 km/h s 5.3 Top speed km/h 250 BMW EfficientDynamics 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, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter				
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 8.1 Output per litre kW/l 78.5 Acceleration 0-100 km/h s 5.3 Top speed km/h 250 BMW EfficientDynamics 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, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter				
VIII :1 0.640 R :1 3.993 Final drive :1 2.563 Performance Power-to-weight ratio (DIN) kg/kW 8.1 Output per litre kW/l 78.5 Acceleration 0–100 km/h s 5.3 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics Brake Energy Regeneration with recuperation display, Electric Power Steering Auto Start Stop function, Optimum Shiff 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				
R :1 3.993 Final drive :1 2.563 Performance Power-to-weight ratio (DIN) kg/kW 8.1 Output per litre kW/l 78.5 Acceleration 0-100 km/h s 5.3 Top speed km/h 250 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, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter Fuel Consumption ECE Urban l/100 km 7.2 - 6.9 Extra-urban l/100 km 5.3 - 4.9 Combined l/100 km 6.0 - 5.6 CO2 g/km 158 - 148				
Final drive :1 2.563 Performance Power-to-weight ratio (DIN) kg/kW 8.1 Output per litre kW/l 78.5 Acceleration 0-100 km/h s 5.3 Top speed km/h 250 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, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter Fuel Consumption ECE Urban		VIII		
Performance Power-to-weight ratio (DIN) kg/kW 8.1 Output per litre kW/l 78.5 Acceleration 0–100 km/h s 5.3 Top speed km/h 250 BMW EfficientDynamics 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, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter Fuel Consumption ECE Urban I/100 km 7.2 – 6.9 Extra-urban I/100 km 5.3 – 4.9 Combined I/100 km 6.0 – 5.6 CO2 g/km 158 – 148		R	:1	3.993
Power-to-weight ratio (DIN) kg/kW 8.1 Output per litre kW/l 78.5 Acceleration 0–100 km/h s 5.3 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics 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 optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter Fuel Consumption ECE Urban l/100 km 7.2 – 6.9 Extra-urban l/100 km 5.3 – 4.9 Combined l/100 km 6.0 – 5.6 CO ₂ g/km 158 – 148	Final drive		:1	2.563
Output per litre kW/l 78.5 Acceleration 0–100 km/h s 5.3 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics 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 optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter Fuel Consumption ECE Urban I/100 km 7.2 – 6.9 Extra-urban I/100 km 5.3 – 4.9 Combined I/100 km 6.0 – 5.6 CO2 g/km 158 – 148	Performance			
Acceleration 0–100 km/h s 5.3 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics 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 optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter Fuel Consumption ECE Urban I/100 km 7.2 – 6.9 Extra-urban I/100 km 5.3 – 4.9 Combined I/100 km 6.0 – 5.6 CO2 g/km 158 – 148	Power-to-weight ratio ([DIN) k	g/kW	8.1
BMW EfficientDynamics	Output per litre	,	kW/l	78.5
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, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter Fuel Consumption ECE Urban I/100 km 7.2 – 6.9 Extra-urban I/100 km 5.3 – 4.9 Combined I/100 km 6.0 – 5.6 CO ₂ g/km 158 – 148	Acceleration 0–100) km/h	S	5.3
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, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter Fuel Consumption ECE Urban I/100 km 7.2 – 6.9 Extra-urban I/100 km 5.3 – 4.9 Combined I/100 km 6.0 – 5.6 CO ₂ g/km 158 – 148	Top speed		km/h	250
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, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter Fuel Consumption ECE Urban I/100 km 7.2 – 6.9 Extra-urban I/100 km 5.3 – 4.9 Combined I/100 km 6.0 – 5.6 CO ₂ g/km 158 – 148	BMW EfficientDvnam	nics		
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 1/100 km 7.2 - 6.9 Extra-urban 1/100 km 5.3 - 4.9 Combined 1/100 km 6.0 - 5.6 CO2 g/km 158 - 148				Brake Energy Regeneration with recuperation display, Electric Power Steering,
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	standard features			0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,
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 I/100 km 7.2 – 6.9 Extra-urban I/100 km 5.3 – 4.9 Combined I/100 km 6.0 – 5.6 CO2 g/km 158 – 148				coasting function and Proactive Driving Assistant, BMW EfficientLightweight,
optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter Fuel Consumption ECE Urban I/100 km 7.2 – 6.9 Extra-urban I/100 km 5.3 – 4.9 Combined I/100 km 6.0 – 5.6 CO2 g/km 158 – 148				optimised aerodynamic attributes, active air flap control, on-demand operation
BMW Blue Performance technology with SCR catalytic converter Fuel Consumption ECE Urban I/100 km 7.2 – 6.9 Extra-urban I/100 km 5.3 – 4.9 Combined I/100 km 6.0 – 5.6 CO ₂ g/km 158 – 148				of ancillary units, map-regulated oil pump, differential and transfer case with
Fuel Consumption ECE Urban I/100 km 7.2 – 6.9 Extra-urban I/100 km 5.3 – 4.9 Combined I/100 km 6.0 – 5.6 CO ₂ g/km 158 – 148				optimised warm-up behaviour, tyres with reduced rolling resistance,
Urban I/100 km 7.2 - 6.9 Extra-urban I/100 km 5.3 - 4.9 Combined I/100 km 6.0 - 5.6 CO ₂ g/km 158 - 148				BMW Blue Performance technology with SCR catalytic converter
Urban I/100 km 7.2 - 6.9 Extra-urban I/100 km 5.3 - 4.9 Combined I/100 km 6.0 - 5.6 CO ₂ g/km 158 - 148	Fuel Consumption E	CE		
Combined I/100 km 6.0 – 5.6 CO ₂ g/km 158 – 148	Urban		0 km	7.2 – 6.9
CO ₂ g/km 158 – 148	Extra-urban	1/10	0 km	5.3 – 4.9
CO ₂ g/km 158 – 148	Combined			
9				
	Emission rating		5	Euro 6d-TEMP

 $All \ figures \ relating \ to \ performance, fuel/electric \ power \ consumption, \ CO_2 \ emissions \ and \ operating \ range \ are \ provisional.$

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

¹⁾ Height including roof fin ²⁾ Oil change

The new BMW 7 Series. 740Ld xDrive.

		BMW 740Ld xDrive
Body		
No of doors/seats		4/5
Length/width/height 1)	mm	5260 / 1902 / 1479
(unladen)		
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)	I	6.5
Weight, unladen, to DIN/EU	kg	1950 / 2025
Max load to DIN	kg	695
Max permissible weight	kg	2645
Max axle load, front/rear	kg	1300 / 1415
Max trailer load,	kg	
braked (12%)/unbraked		2300 / 750
Max roofload/max towbar	kg	100 / 100
download		
Luggage comp capacity	I	515
Air resistance	c _d x A	0.27 x 2.42
Power Unit		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, high- and low-
Engine teemielegy		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	16.5
Fuel		Diesel
Max output	kW/hp	235 / 320
at	rpm	4400
Max torque	Nm	680
at	rpm	1750 – 2250
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
3 , ,		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 740Ld xDrive
Transmission		F: 1. 10:
Type of transmission		Eight-speed Steptronic transmission
Gear ratios	<u> </u>	5.500
	II :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	8.3
Output per litre	kW/l	78.5
Acceleration 0–100 km	n/h s	5.4
Top speed	km/h	250
BMW EfficientDynamics		
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	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

²⁾ Oil change

All figures relating to performance, fuel/electric power consumption, CO_2 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

¹⁾ Height including roof fin

The new BMW 7 Series. 750d xDrive.

		BMW 750d xDrive
Pody		
Body No of doors/seats		4/5
Length/width/height 1)	mm	5120 / 1902 / 1467
(unladen)	111111	31207 13027 1407
Wheelbase	mm	3070
Track, front/rear	mm	1611 / 1640
Ground clearance	mm	135
Turning circle	m	
Fuel tank capacity	approx. I	78
Engine oil 2)		
		6.5 1960 / 2035
Weight, unladen, to DIN/EU Max load to DIN	kg	
	kg	680
Max permissible weight	kg	
Max axle load, front/rear	kg	1310 / 1390
Max trailer load,	kg	0000 / 750
braked (12%)/unbraked		2300 / 750
Max roofload/max towbar	kg	100 / 100
download		
Luggage comp capacity	l	***
Air resistance	c _d x A	0.26 x 2.41
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 Saf	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 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 conserve tyre pressure indicator

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			
Type of transmission	on		Eight-speed Steptronic transmission
Gear ratios	- 1	:1	5.500
	II	:1	3.520
	III	: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-weight ra	atio (DIN)	kg/kW	6.7
Output per litre		kW/l	98.2
Acceleration 0	–100 km/h	S	4.6
Top speed		km/h	250
BMW EfficientDy	namics		
BMW EfficientDyna			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	n ECE		
Urban	JII ECE	I/100 km	6.9 – 6.7
Extra-urban		1/100 km	5.5 – 5.3
Combined		1/100 km	5.5 – 5.8 6.0 – 5.8
COmbined CO ₂			
		g/km	Euro 6d-TEMP
Emission rating			EUIO OU- I EIVIP

²⁾ Oil change

All figures relating to performance, fuel/electric power consumption, CO_2 emissions and operating range are provisional.

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Correct as at: 16.01.2019

¹⁾ Height including roof fin

The new BMW 7 Series. 750Ld xDrive.

		BMW 750Ld xDrive
Pody		
Body No of doors/seats		4/5
Length/width/height 1)	mm	
(unladen)	111111	32007 13027 1473
Wheelbase	mm	3210
Track, front/rear	mm	
Ground clearance	mm	
Turning circle	m	
Fuel tank capacity	approx. I	<u> </u>
Engine oil 2)		

Weight, unladen, to DIN/EU Max load to DIN	kg	
	kg	
Max permissible weight	kg	
Max axle load, front/rear	kg	
Max trailer load,	kg	
braked (12%)/unbraked		2300 / 750
Max roofload/max towbar	kg	100 / 100
download		545
Luggage comp capacity		***
<u>Air resistance</u>	c _d x A	0.26 x 2.42
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 Saf	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 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 concers, tyre proceure indicator

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 750Ld xDrive
Transmission			F: 10: 10: 1 : 1
Type of transmission	<u> </u>		Eight-speed Steptronic transmission
Gear ratios	<u> </u>	:1_	5.500
	<u> </u>	:1	3.520
	III	: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-weight rati	io (DIN)	kg/kW	6.8
Output per litre		kW/l	98.2
Acceleration 0-	100 km/h	S	4.7
Top speed		km/h	250
BMW EfficientDyn			
BMW EfficientDynan	nics		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	1 ECE		
Urban		I/100 km	7.2 – 6.8
Extra-urban		I/100 km	5.5 – 5.4
Combined		I/100 km	6.1 – 5.9
CO ₂		g/km	160 – 155
Emission rating			Euro 6d-TEMP

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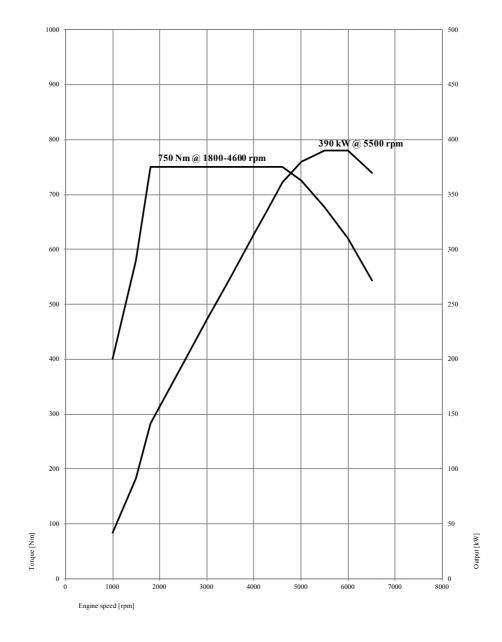
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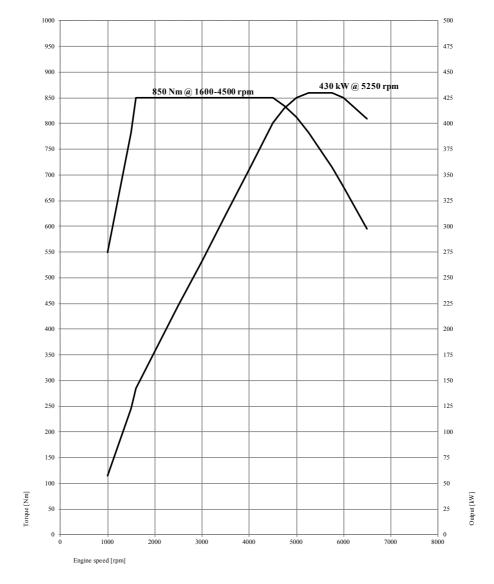
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Output and torque diagrams. The new BMW 7 Series. 750i xDrive, 750Li xDrive.

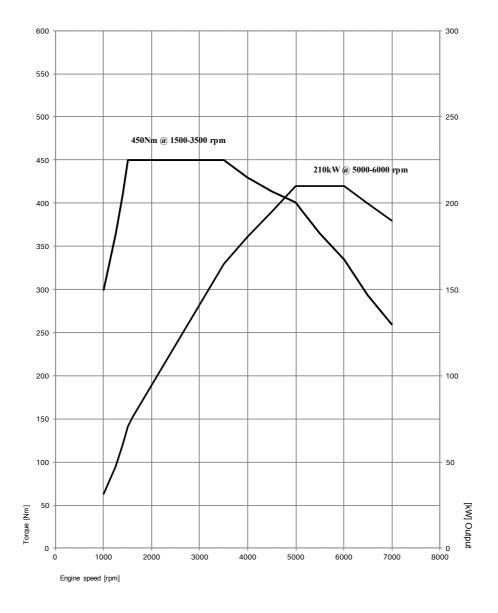


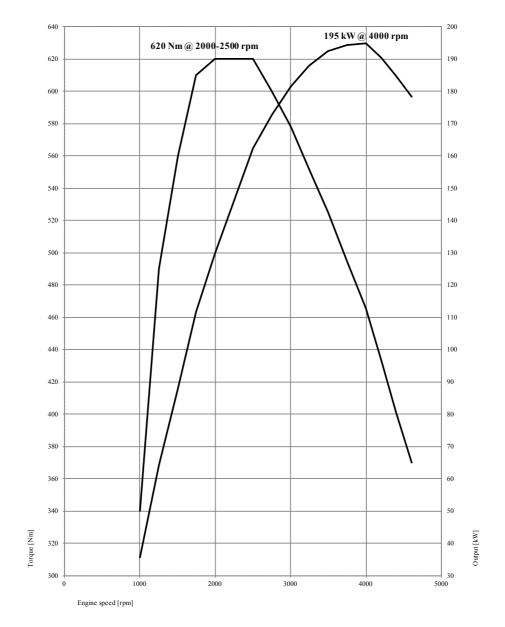


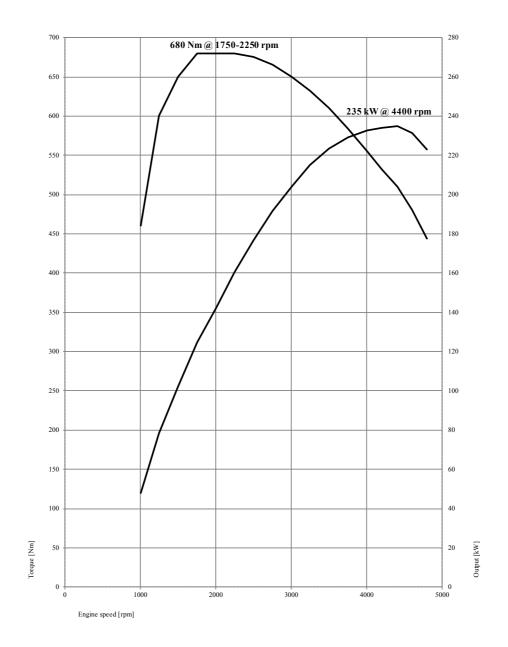
The new BMW 7 Series M760Li xDrive.



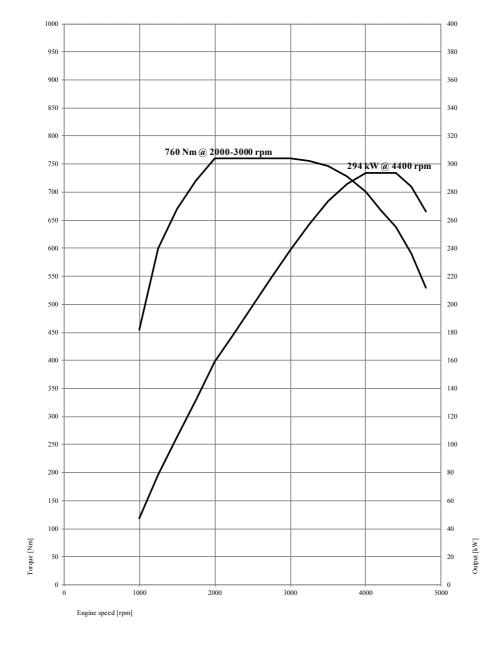








The new BMW 7 Series. 750d xDrive, 750Ld xDrive.



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Exterior and interior dimensions. The new BMW 7 Series.



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