Specifications. BMW 7 Series. 750i xDrive.



		BMW 750i xDrive		
D. d.				
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	12.6		
Tank capacity	approx. ltr	78		
Engine oil 2)	ltr	10.5		
Weight, unladen, to DIN/EU	kg	1970 / 2045		
Max. load to DIN	kg	660		
Max. permissible weight	kg	2630		
Max. axle load, front/rear	kg	1330 / 1380		
Max. trailer load,				
braked (12%)/unbraked	kg	2300 / 750		
Max. roof load/towbar download	kg	100 / 100		
Luggage comp. capacity	ltr	515		
Air resistance	c _d x A	0.27 x 2.41		
Engine				
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 control, Double-VANOS variable camshaft timing		
Effective capacity	cm ³	4395		
Stroke/bore	mm	88.3 / 89.0		
Compression ratio	:1	10.5		
Fuel		min. RON 91		
Output	kW/hp	390 / 530		
at	rpm	5500 – 6000		
Torque	Nm	750		
at	rpm	1800 – 4600		
Electrical System				
Battery/Installation	Ah/-	90 / luggage comp.		
Driving Dynamics and Safety				
Suspension, front		Double track control arm axle with separate lower track arm level,		
		aluminium, small steering roll radius, anti-dive, air suspension		
2		with automatic self-levelling		
Suspension, rear	Five-link axle, aluminium, with steering function, anti-squat and anti-dive, double acoustic separation, air suspension with automatic self-levelling			
Brakes, front		Four-piston fixed-calliper disc brakes / vented		
Brakes, rear	Single-piston floating-calliper disc brakes / vented			
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control),		
	CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assistant, networked with xDrive a wheel-drive system, Adaptive Suspension			
Safety equipment	Standard: airbags for driver and front passenger, side airbags for driver and			
	front passenger, head airbags for front and rear seats, three-point inertia- reel seatbelts on all seats with belt latch tensioner and belt force limiter a			
Steering		the front seats, crash sensors, Tyre Pressure Indicator Electromechanical rack-and-pinion power steering (EPS)		
		with Servotronic function, Integral Active Steering		
Steering ratio, overall	:1	16.4		
Tyres, front/rear		245/45 R19 102Y XL		
Rims, front/rear		8.5J x 19 light-alloy		

		BMW 750i xDrive
T		
Transmission Type of gearbox		8-speed Steptronic
Gear ratios	l :1	4.714
deal fatios	:1	3.143
	<u> :1</u>	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	2.813
Performance		
Power-to-weight ratio (DIN)	kg/kW	5.1
Output per litre	kW/l	88.7
Acceleration 0–100 km	/h s	4.0
Top speed	km/h	250

BMW EfficientDynamics standard features

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

Fuel consumption EU cy	/cle		
Urban (NEDC)	ltr/100 km	13.8 – 13.8	
Extra-urban (NEDC)	ltr/100 km	7.5 – 7.5	
Combined (NEDC)	ltr/100 km	9.8 – 9.8	
Combined (WLTP)	ltr/100 km	10.9 – 10.5	
CO ₂ (NEDC)	g/km	226 – 226	
CO ₂ (WLTP)	g/km	249 – 240	
Emission rating		Euro 6d	

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

¹⁾ Height including roof aerial ²⁾ Oil change volume

BMW 7 Series. 750Li xDrive.

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		BMW 750Li xDrive	
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	13.1	
Tank capacity	approx. ltr	78	
Engine oil 2)	ltr	10.5	
Weight, unladen, to DIN/EU	kg	2020 / 2095	
Max. load to DIN	kg	655	
Max. permissible weight	kg	2675	
Max. axle load, front/rear	kg	1350 / 1395	
Max. trailer load,			
braked (12%)/unbraked	kg	2300 / 750	
Max. roof load/towbar download	kg	100 / 100	
Luggage comp. capacity	ltr	515	
Air resistance	c _d x A	0.27 x 2.42	
Engine			
Config./No. of cyls./valves		V/8/4	
Engine technology		BMW TwinPower Turbo technology: two TwinScroll turbochargers, High	
_ igine tee inclegy		Precision Direct Injection, VALVETRONIC fully variable valve control,	
		Double-VANOS variable camshaft timing	
Effective capacity	cm ³	4395	
Stroke/bore	mm	88,3 / 89,0	
Compression ratio	:1	10.5	
Fuel		min. RON 91	
Output	kW/hp	390 / 530	
at	rpm	5500 – 6000	
Torque	Nm	750	
at	rpm	1800 – 4600	
Electrical System			
Battery/Installation	Ah/-	90 / luggage comp.	
Driving Dynamics and Safety			
Suspension, front		Double track control arm axle with separate lower track arm level,	
Caspension, none		aluminium, small steering roll radius, anti-dive, air suspension	
		with automatic self-levelling	
Suspension, rear		Five-link axle, aluminium, with steering function, anti-squat and anti-dive,	
	double acoustic separation, air suspension with automatic self-levelling		
Brakes, front	Four-piston fixed-calliper disc brakes / vented		
Brakes, rear	Single-piston floating-calliper disc brakes / vented		
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control),	
3	CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying		
	function, fading compensation, start-off assistant, networked with xDrive all		
		wheel-drive system, Adaptive Suspension	
Safety equipment	Standard: airbags for driver and front passenger, side airbags for driver and		
	front passenger, head airbags for front and rear seats, three-point inertia-		
		reel seatbelts on all seats with belt latch tensioner and belt force limiter at	
		the front seats, crash sensors, Tyre Pressure Indicator	
Steering		Electromechanical rack-and-pinion power steering (EPS)	
		with Servotronic function, Integral Active Steering	
Steering ratio, overall	:1	16.4	
Tyres, front/rear		245/45 R19 102Y XL	
Rims, front/rear		8.5J x 19 light-alloy	

		BMW 750Li xDrive
 Transmission		
Type of gearbox		8-speed Steptronic
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
\	/II :1	0.839
V	'III :1	0.667
	R :1	3.317
Final drive	:1	2.813
Performance		
Power-to-weight ratio (DIN)	kg/kW	5.2
Output per litre	kW/l	88.7
Acceleration 0–100 km/h	S	4.1
Top speed	km/h	250

BMW EfficientDynamics standard features

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

Fuel consumption EU cy	rcle		
Urban (NEDC)	ltr/100 km	13.8 – 13.8	
Extra-urban (NEDC)	ltr/100 km	7.5 – 7.5	
Combined (NEDC)	ltr/100 km	9.8 – 9.8	
Combined (WLTP)	ltr/100 km	11.0 – 10.6	
CO ₂ (NEDC)	g/km	226 – 226	
CO ₂ (WLTP)	g/km	252 – 241	
Emission rating		Euro 6d	

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

¹⁾ Height including roof aerial ²⁾ Oil change volume

BMW 7 Series. 745e.

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raue J

No of doors/seats	
No of doors/seats	
Wheelbase	
Track, front/rear	
Ground clearance mm 135 Turning circle m 12.3 Fuel tank capacity approx. I 46 Engine oil 20 I 6.5 Weight, unladen, to DIN/EU kg 2000 / 2075 Max load to DIN kg 635 Max permissible weight kg 2635 Max axie load, front/rear kg 100 / − Luggage comp capacity I 420 Air resistance cd x A 0.26 x 2.41 Power Unit Drive concept Full-hybrid drive, drive torque from motor or both transmitted to the motor or bo	
Turning circle m 12.3 Fuel tank capacity approx. I 46 Engine oil² I 6.5 Weight, unladen, to DIN/EU kg 2000 / 2075 Max load to DIN kg 635 Max permissible weight kg 2635 Max roofload/max towbar download kg 100 / − Luggage comp capacity I 420 Air resistance cd x A 0.26 x 2.41 Power Unit Drive concept Full-hybrid drive, drive torque from motor or both transmitted to the will be provided to the provided transmitted to the will be provided to the provided transmitted trans	
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Output per litre kW/l 70.1 Electric Motor BMW eDrive technology: synchronous elected eight-speed Steptronic transmission, good recuperating energy for the high-max output kW/hp 83 / 113 at rpm 3170 Max output kW/hp 83 / 113 at rpm 3170 Max torque Nm 265 at rpm 100 - 2500 Recuperation output kW 20 High-voltage battery Storage technology/installation Lithium-ion / underneath revoltage V 354 Energy capacity (gross) kWh 12.0	
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Storage technology/installation Voltage V 354 Energy capacity (gross) kWh Lithium-ion / underneath re	
Voltage V 354 Energy capacity (gross) kWh 12.0	
Energy capacity (gross) kWh 12.0	ar seats
<u>Charging time for 100% charge</u> 3.6 h at 3.7 kW (16 A / 2	
	30 V)
Transmission	
Transmission Type of transmission Fight anough Stantronia transmission	
Type of transmission Eight-speed Steptronic tran	ISITIISSIUI I
Gear ratios 1 :1 4.714	
<u>II</u> :1 3.143	
<u>III</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 3.077	

		BMW 745e
D.1.1		
Driving Dynamics and Safety Suspension, front	Doubl	e-wishbone axle in aluminium construction with separate lower
Suspension, front	Doubl	track arm, small steering roll radius, anti-dive,
		air suspension with self-levelling
Cuonancian rear	Five lie	nk axle in aluminium construction, steerable, with anti-squat and
Suspension, rear		re control, double acoustic decoupling, air suspension with self-
	ariti-div	levelling
Drakes front		<u> </u>
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear	a	Vented disc brakes, with single-piston floating callipers
Driving stability systems		OSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC
	•	g Brake Control), DBC (Dynamic Brake Control), Dry Braking
		ading Compensation, Start-Off Assistant, Adaptive Suspension
Safety equipment		irbags for driver and front passenger, side airbags for driver and
		enger, head airbags for front and rear seats, knee airbag on the
		de, 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	16.9
Tyres, front/rear		245/50 R18 100Y
Rims, front/rear		8J x 18 light-alloy
Performance		
Acceleration 0–100 km/h	S	5.2
Top speed	km/h	250
Top speed (electric)	km/h	140
Electric range (WLTP)	km	48 – 55
BMW EfficientDynamics		
BMW EfficientDynamics standard	BMW eDrive tech	nology, Electric Power Steering, hybrid-specific Auto Start Stop
features	function, Optimur	n Shift Indicator, ECO PRO and COMFORT mode with coasting
	function, Proa	ctive Driving Assistant, BMW EfficientLightweight, optimised
	aerodynamic att	ributes, active air flap control, on-demand operation of ancillary
	units, map-regu	lated oil pump, differential with optimised warm-up behaviour,
		tyres with reduced rolling resistance
Consumption ECE		
Fuel consumption		
weighted combined (NEDC)	I/100 km	2.2 – 2.1
Fuel consumption		
weighted combined (WLTP)	I/100 km	2.1 – 1.8
CO ₂ emissions from fuel (NEDC)	g/km	51 – 47
CO ₂ emissions from fuel (WLTP)	g/km	49 – 41
Electric power consumption		
weighted combined (NEDC)	kWh/100 km	16.9 – 16.6
Electric power consumption		
weighted combined (WLTP)	kWh/100 km	18.9 – 17.9
weignted combined (werr)		

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

¹⁾ Height including roof aerial ²⁾ Oil change volume

BMW 7 Series. 745Le.

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		BMW 745Le
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
		46
Fuel tank capacity	approx. I	<u> </u>
Engine oil 2)		6.5
Weight, unladen, to DIN/EU	kg	2045 / 2120
Max load to DIN	kg	625
Max permissible weight	kg	2670
Max axle load, front/rear	kg	1250 / 1500
Max roofload/max towbar download	kg	100 / –
Luggage comp capacity	Ĭ	420
Air resistance	c _d x A	0.26 x 2.42
All resistance	Og X A	0.20 \ 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	7.1
, , , , , , , , , , , , , , , , , , , ,		
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	1347	min. RON 91
Max output	kW/hp	210 / 286
at	rpm	5000 – 6000
Max torque	Nm	450
at	rpm	1600 – 3500
Output per litre	kW/l	70.1
Electric Motor		DMMA/ - Dais a talance and a superior and a state and the superior and a state and the superior and a state and the superior
Motor technology		BMW 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	100 – 2500
Recuperation output	kW	20
High-voltage battery		
Storage technology/installation		Lithium-ion / underneath rear seats
Voltage	V	354
Energy capacity (gross)	kWh	12.0
Charging time for 100% charge		3.6 h at 3.7 kW (16 A / 230 V)
Transmission		
Transmission Type of transmission		Fight speed Stantrania transmission
Type of transmission		Eight-speed Steptronic transmission
Gear ratios I	:1	4.714
<u> </u>	:1	3.143
III	:1	2.106
		1.667
IV	:1	
IVV	:1	1.285
V	:1	
V VI	:1 :1	1.000
V VI VII	:1 :1 :1	1.000 0.839
V VI VII VIII	:1 :1 :1 :1	1.000 0.839 0.667
V VI VII	:1 :1 :1	1.000 0.839

		BMW 745Le
D.1.1		
Driving Dynamics and Safety Suspension, front	Double	-wishbone axle in aluminium construction with separate lower
Suspension, front	Double	track arm, small steering roll radius, anti-dive,
		air suspension with self-levelling
Suspension, rear	Five lie	k axle in aluminium construction, steerable, with anti-squat and
Suspension, real		e control, double acoustic decoupling, air suspension with self-
	ariti-uiv	e control, double acoustic decoupling, all suspension with sen- levelling
Brakes, front		Vented disc brakes, with four-piston fixed callipers
		, , ,
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems		SC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC
	, ,	g Brake Control), DBC (Dynamic Brake Control), Dry Braking
		ding Compensation, Start-Off Assistant, Adaptive Suspension
Safety equipment		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
	tensioner a	and belt force limiter in the front, crash sensors, tyre pressure
		indicator (FRO)
Steering		Electric Power Steering (EPS)
		with Servotronic function, Integral Active Steering
Steering ratio, overall	:1	16.9
Tyres, front/rear		245/50 R18 100Y
Rims, front/rear		8J x 18 light-alloy
Performance		
Acceleration 0–100 km/h	S	5.3
Top speed	km/h	250
Top speed (electric)	km/h	140
Electric range (WLTP)	km	47 – 54
BMW EfficientDynamics		
BMW EfficientDynamics standard	BMW eDrive tech	nology, Electric Power Steering, hybrid-specific Auto Start Stop
features		Shift Indicator, ECO PRO and COMFORT mode with coasting
	function, Proac	tive Driving Assistant, BMW EfficientLightweight, optimised
	aerodynamic attr	ibutes, active air flap control, on-demand operation of ancillary
	units, map-regu	ated oil pump, differential with optimised warm-up behaviour,
		tyres with reduced rolling resistance
Consumption ECE		
Fuel consumption		
weighted combined (NEDC)	I/100 km	2.2 – 2.2
Fuel consumption		
weighted combined (WLTP)	l/100 km	2.2 – 1.8
CO ₂ emissions from fuel (NEDC)	g/km	51 – 49
CO ₂ emissions from fuel (WLTP)	g/km	51 – 41
Electric power consumption		
weighted combined (NEDC)	kWh/100 km	17.1 – 16.5
Electric power consumption		
	114/1-74001	10.4 10.1
weighted combined (WLTP)	kWh/100 km	19.4 – 18.1

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

¹⁾ Height including roof fin ²⁾ Oil change

BMW 7 Series. 745Le xDrive.

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		BMW 745Le xDrive
Body No of doors/seets		4/5
No of doors/seats 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	13.1
Fuel tank capacity	approx. I	46
Engine oil 2)	I	6.5
Weight, unladen, to DIN/EU	kg	2105 / 2180
Max load to DIN	kg	600
Max permissible weight	kg	2705
Max axle load, front/rear	kg	1300 / 1500
Max roofload/max towbar download	kg	100 / –
Luggage comp capacity		420
Air resistance	c _d x A	0.26 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	7.3
Petrol Engine		In the a LC LA
Config/No of cyls/valves		In-line / 6 / 4 BMW TwinPower Turbo technology: TwinScroll turbocharger, High
Engine technology		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	1600 – 3500
Output per litre	kW/l	70.1
Electric Motor		
Motor technology		BMW 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
The state of the s	KVV/HP	307.110
at	rpm	3170
·	•	3170 265
at Max torque at	rpm Nm rpm	3170 265 100 – 2500
at Max torque	rpm Nm	3170 265
at Max torque at Recuperation output	rpm Nm rpm	3170 265 100 – 2500
at Max torque at Recuperation output High-voltage battery	rpm Nm rpm	3170 265 100 - 2500 20
at Max torque at Recuperation output High-voltage battery Storage technology/installation	rpm Nm rpm kW	3170 265 100 – 2500 20 Lithium-ion / underneath rear seats
at Max torque at Recuperation output High-voltage battery Storage technology/installation Voltage	rpm Nm rpm kW	3170 265 100 – 2500 20 Lithium-ion / underneath rear seats 354
at Max torque at Recuperation output High-voltage battery Storage technology/installation	rpm Nm rpm kW	3170 265 100 – 2500 20 Lithium-ion / underneath rear seats
at Max torque at Recuperation output High-voltage battery Storage technology/installation Voltage Energy capacity (gross) Charging time for 100% charge	rpm Nm rpm kW	3170 265 100 – 2500 20 Lithium-ion / underneath rear seats 354 12.0
at Max torque at Recuperation output High-voltage battery Storage technology/installation Voltage Energy capacity (gross) Charging time for 100% charge Transmission	rpm Nm rpm kW	3170 265 100 – 2500 20 Lithium-ion / underneath rear seats 354 12.0 3.6 h at 3.7 kW (16 A / 230 V)
at Max torque at Recuperation output High-voltage battery Storage technology/installation Voltage Energy capacity (gross) Charging time for 100% charge Transmission Type of transmission	rpm Nm rpm kW	3170 265 100 – 2500 20 Lithium-ion / underneath rear seats 354 12.0 3.6 h at 3.7 kW (16 A / 230 V) Eight-speed Steptronic transmission
at Max torque at Recuperation output High-voltage battery Storage technology/installation Voltage Energy capacity (gross) Charging time for 100% charge Transmission Type of transmission Gear ratios	rpm Nm rpm kW V kWh	3170 265 100 – 2500 20 Lithium-ion / underneath rear seats 354 12.0 3.6 h at 3.7 kW (16 A / 230 V) Eight-speed Steptronic transmission 4.714
at Max torque at Recuperation output High-voltage battery Storage technology/installation Voltage Energy capacity (gross) Charging time for 100% charge Transmission Type of transmission	rpm Nm rpm kW V kWh	3170 265 100 – 2500 20 Lithium-ion / underneath rear seats 354 12.0 3.6 h at 3.7 kW (16 A / 230 V) Eight-speed Steptronic transmission
at Max torque at Recuperation output High-voltage battery Storage technology/installation Voltage Energy capacity (gross) Charging time for 100% charge Transmission Type of transmission Gear ratios I	rpm Nm rpm kW V kWh	3170 265 100 – 2500 20 Lithium-ion / underneath rear seats 354 12.0 3.6 h at 3.7 kW (16 A / 230 V) Eight-speed Steptronic transmission 4.714 3.143
at Max torque at Recuperation output High-voltage battery Storage technology/installation Voltage Energy capacity (gross) Charging time for 100% charge Transmission Type of transmission Gear ratios I	rpm Nm rpm kW V kWh	3170 265 100 – 2500 20 Lithium-ion / underneath rear seats 354 12.0 3.6 h at 3.7 kW (16 A / 230 V) Eight-speed Steptronic transmission 4.714 3.143 2.106
at Max torque at Recuperation output High-voltage battery Storage technology/installation Voltage Energy capacity (gross) Charging time for 100% charge Transmission Type of transmission Gear ratios I II III IV	rpm Nm rpm kW V kWh	3170 265 100 – 2500 20 Lithium-ion / underneath rear seats 354 12.0 3.6 h at 3.7 kW (16 A / 230 V) Eight-speed Steptronic transmission 4.714 3.143 2.106 1.667
at Max torque at Recuperation output High-voltage battery Storage technology/installation Voltage Energy capacity (gross) Charging time for 100% charge Transmission Type of transmission Gear ratios I II III IV V	rpm Nm rpm kW V kWh ::1 ::1 ::1 ::1 ::1	3170 265 100 – 2500 20 Lithium-ion / underneath rear seats 354 12.0 3.6 h at 3.7 kW (16 A / 230 V) Eight-speed Steptronic transmission 4.714 3.143 2.106 1.667 1.285
at Max torque at Recuperation output High-voltage battery Storage technology/installation Voltage Energy capacity (gross) Charging time for 100% charge Transmission Type of transmission Gear ratios I II IV V VI	rpm Nm rpm kW V kWh ::1 ::1 ::1 ::1 ::1 ::1 ::1	3170 265 100 – 2500 20 Lithium-ion / underneath rear seats 354 12.0 3.6 h at 3.7 kW (16 A / 230 V) Eight-speed Steptronic transmission 4.714 3.143 2.106 1.667 1.285 1.000
at Max torque at Recuperation output High-voltage battery Storage technology/installation Voltage Energy capacity (gross) Charging time for 100% charge Transmission Type of transmission Gear ratios I II IV V VI VII	rpm Nm rpm kW V kWh ::11 ::1 ::1 ::1 ::1 ::1 ::1	3170 265 100 – 2500 20 Lithium-ion / underneath rear seats 354 12.0 3.6 h at 3.7 kW (16 A / 230 V) Eight-speed Steptronic transmission 4.714 3.143 2.106 1.667 1.285 1.000 0.839

		BMW 745Le xDrive			
Driving Dynamics and Safety					
Suspension, front	Doubl	e-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 axl	e 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: [OSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC			
2g ctabty cyctoc		ig Brake Control), DBC (Dynamic Brake Control), Dry Braking			
		ading Compensation, Start-Off Assistant, DSC networked with			
		xDrive all-wheel-drive system, Adaptive Suspension			
Safety equipment		irbags for driver and front passenger, side airbags for driver and			
23.24) 242.2		enger, head airbags for front and rear seats, knee airbag on the			
		de, three-point inertia-reel seatbelts on all seats with belt latch			
		and belt force limiter in the front, crash sensors, tyre pressure			
		indicator			
Steering		Electric Power Steering (EPS)			
3		with Servotronic function, Integral Active Steering			
Steering ratio, overall	:1	16.4			
Tyres, front/rear		245/50 R18 100Y			
Rims, front/rear		8J x 18 light-alloy			
Performance					
Acceleration 0–100 km/h	S	5.1			
Top speed	km/h	250			
Top speed (electric)	km/h	140			
Electric range (WLTP)	km	45 – 52			
BMW EfficientDynamics					
BMW EfficientDynamics standard	BMW aDrive tech	nnology, Electric Power Steering, hybrid-specific Auto Start Stop			
features		m Shift Indicator, ECO PRO and COMFORT mode with coasting			
reatures	, ,	ctive Driving Assistant, BMW EfficientLightweight, optimised			
		ributes, active air flap control, on-demand operation of ancillary			
		lated oil pump, efficiency-optimised all-wheel drive, differential			
		ed warm-up behaviour, tyres with reduced rolling resistance			
Consumption ECE					
Fuel consumption weighted combined (NEDC)	l/100 km	2.6 – 2.5			
	I/ TOO KITI	2.0 – 2.3			
Fuel consumption	1/100 l	35 31			
weighted combined (WLTP)	I/100 km	2.5 – 2.1			
CO ₂ emissions from fuel (NEDC)	g/km	59 – 56			
CO ₂ emissions from fuel (WLTP)	g/km	57 – 47			
Electric power consumption	111111111111111111111111111111111111111	170 175			
weighted combined (NEDC)	kWh/100 km	17.8 – 17.5			
Electric power consumption	111111111111111111111111111111111111111	004 400			
weighted combined (WLTP)	kWh/100 km	20.1 – 18.8			
Emission rating		Euro 6d			

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

¹⁾ Height including roof fin ²⁾ Oil change

BMW 7 Series. 730d.

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		BMW 730d
Body		
No. of doors/seats		4/5
Length/width/height 1) (unladen)	mm	5120 / 1902 / 1467
Wheelbase	mm	3070
Track, front/rear	mm	1618 / 1646
Ground clearance	mm	135
Turning circle	m	12.3
Tank capacity	approx. ltr	78
Engine oil 2)	ltr	7.0
Weight, unladen, to DIN/EU	kg	1875 / 1950
Max. load to DIN	kg	685
Max. permissible weight	kg	2560
Max. axle load, front/rear		1255 / 1400
Max. trailer load,	kg	12337 1400
braked (12%)/unbraked	ka	2100 / 750
Max. roof load/towbar download	kg	
	kg	
Luggage comp. capacity Air resistance	Ltr Cd x A	515 0.24 x 2.41
Air resistance	C _d X A	0.24 X 2.4 I
Engine		
Config./No. of cyls./valves		in-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging,
		low-pressure turbocharger with variable inlet geometry, common-rail direct
		injection with piezo injectors (max. injection pressure: 2700 bar)
Effective capacity	cm ³	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Output	kW/hp	210 / 286
at	rpm	4000
Torque	Nm	650
at	rpm	1500 – 2500
48V mild hybrid technology		
output	kW/hp	8/11
Electrical System		
12V battery/installation	Ah/-	90 / luggage comp.
48V battery/installation	Ah/-	11 / engine comp.
40V battery/installation		r i / engine comp.
Driving Dynamics and Safety		
Suspension, front		Double track control arm axle with separate lower track arm level,
		aluminium, small steering roll radius, anti-dive, air suspension
		with automatic self-levelling
Suspension, rear		Five-link axle, aluminium, with steering function, anti-squat and anti-dive,
		double acoustic separation, air suspension with automatic self-levelling
Brakes, front		Four-piston fixed-calliper disc brakes / vented
Brakes, rear		Single-piston floating-calliper disc brakes / vented
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control),
		CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying
		function, fading compensation, start-off assistant, Adaptive Suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
		front passenger, head airbags for front and rear seats, three-point inertia-
		reel seatbelts on all seats with belt latch tensioner and belt force limiter at
		the front seats, crash sensors, Tyre Pressure Indicator
Steering		Electromechanical rack-and-pinion power steering (EPS)
		with Servotronic function, Integral Active Steering
Steering ratio, overall	:1	16.9
Tyres, front/rear		225/60 R17 99Y
Rims, front/rear		7.5J x 17 light-alloy

		BMW 730d	
Transmission			
Type of gearbox		8-speed Steptronic	
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	2.563	
Performance			
Power-to-weight ratio (DIN)	kg/kW	8.9	
Output per litre	kW/l	70.2	
Acceleration 0–100 km/h	S	5.9	
Top speed	km/h	250	

BMW EfficientDynamics standard features

Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, 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 EU cy	rcle		
Urban (NEDC)	ltr/100 km	6.0 – 5.9	
Extra-urban (NEDC)	ltr/100 km	4.2 – 4.0	
Combined (NEDC)	ltr/100 km	4.9 – 4.7	
Combined (WLTP)	ltr/100 km	6.2 – 5.5	
CO ₂ (NEDC)	g/km	128 – 123	
CO ₂ (WLTP)	g/km	163 – 144	
Emission rating		Euro 6d	

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

¹⁾ Height including roof aerial

²⁾ Oil change volume

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BMW 7 Series. 730d xDrive.

		BMW 730d xDrive		
D. J.				
Body No. of doors/seats		4/5		
Length/width/height 1) (unladen)	mm	5120 / 1902 / 1467		
Wheelbase	mm	3070		
Track, front/rear	mm	1617 / 1646		
Ground clearance	mm	135		
Turning circle	m	12.6		
Tank capacity	approx. Itr	78		
Engine oil 2)	ltr	7.0		
Weight, unladen, to DIN/EU	kg	1935 / 2010		
Max. load to DIN	kg	665		
Max. permissible weight	kg	2600		
Max. axle load, front/rear		1298 / 1400		
Max. trailer load,	kg	12907 1400		
braked (12%)/unbraked	ka	2100 / 750		
Max. roof load/towbar download	kg	100 / 100		
	kg Itr	515		
Luggage comp. capacity Air resistance	C _d x A	0.24 x 2.41		
All reply(d)(CE	Cd X A	U.24 X 2.4 I		
Engine				
Config./No. of cyls./valves		in-line / 6 / 4		
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, low-pressure turbocharger with variable inlet geometry, common-rail direct injection with piezo injectors (max. injection pressure: 2700 bar)		
Effective capacity	cm ³	2993		
Stroke/bore	mm	90.0 / 84.0		
Compression ratio	:1	16.5		
Fuel		Diesel		
Output	kW/hp	210 / 286		
at	rpm	4000		
Torque	Nm	650		
at	rpm	1500 – 2500		
48V mild hybrid technology	тртт	1300 2300		
output	kW/hp	8/11		
Electrical System				
12V battery/installation	Ah/-	90 / luggage comp.		
48V battery/installation	Ah/-	11 / engine comp.		
Driving Dynamics and Safety				
Suspension, front		Double track control arm axle with separate lower track arm level,		
	aluminium, small steering roll radius, anti-dive, air suspension with automatic self-levelling			
Suspension, rear		Five-link axle, aluminium, with steering function, anti-squat and anti-dive,		
Suspension, real		double acoustic separation, air suspension with automatic self-levelling		
Brakes, front		Four-piston fixed-calliper disc brakes / vented		
Brakes, rear		Single-piston floating-calliper disc brakes / vented		
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control),		
3		CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying		
		function, fading compensation, start-off assistant, DSC networked with xDrive all-wheel-drive system, Adaptive Suspension		
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and		
		front passenger, head airbags for front and rear seats, three-point inertia-		
		reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator		
Steering		Electromechanical rack-and-pinion power steering (EPS)		
0.00.mg		with Servotronic function, Integral Active Steering		
Steering ratio, overall	•1			
Steering ratio, overall Tyres, front/rear	:1	225/60 R17 99Y		

		BMW 730d xDrive	
		8-speed Steptronic	
-	: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	
	:1	2.563	
ratio (DIN)	kg/kW	9.2	
	kW/l	70.2	
0-100 km/h	S	5.6	
	km/h	250	
	III IV V VI VII VIII R	:1	:1

BMW EfficientDynamics standard features

Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter

Fuel consumption EU cy	/cle		
Urban (NEDC)	ltr/100 km	6.5 - 6.3	
Extra-urban (NEDC)	ltr/100 km	4.5 – 4.3	
Combined (NEDC)	ltr/100 km	5.2 – 5.0	
Combined (WLTP)	ltr/100 km	6.6 – 5.9	
CO ₂ (NEDC)	g/km	138 – 133	
CO ₂ (WLTP)	g/km	173 – 154	
Emission rating		Euro 6d	

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

¹⁾ Height including roof aerial

²⁾ Oil change volume

BMW 7 Series. 730Ld.

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		BMW 730Ld
D		
Body		415
No. of doors/seats Length/width/height 1) (unladen)	mm	4 / 5 5260 / 1902 / 1479
Lengthwidthheight (unladen) Wheelbase	mm	3210
Track, front/rear	mm mm	1618 / 1646
Ground clearance	mm	135
Turning circle	m	12.8
Tank capacity	approx. ltr	78
Engine oil 2)	ltr	7.0
Weight, unladen, to DIN/EU	kg	1915 / 1990
Max. load to DIN	kg	670
Max. permissible weight	kg	2585
Max. axle load, front/rear	kg	1275 / 1420
Max. trailer load,	9	12707 1120
braked (12%)/unbraked	kg	2100 / 750
Max. roof load/towbar download	kg	100 / 100
Luggage comp. capacity	ltr	515
Air resistance	c _d x A	0.24 x 2.42
Engine		
Config./No. of cyls./valves		in-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging,
3,		low-pressure turbocharger with variable inlet geometry, common-rail direct injection with piezo injectors (max. injection pressure: 2700 bar)
Effective capacity	cm ³	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Output	kW/hp	210 / 286
at	rpm	4000
Torque	Nm	650
at	rpm	1500 – 2500
48V mild hybrid technology		
output	kW/hp	8/11
Electrical System		
12V battery/installation	Ah/-	90 / luggage comp.
48V battery/installation	Ah/-	11 / engine comp.
		<u> </u>
Driving Dynamics and Safety		
Suspension, front		Double track control arm axle with separate lower track arm level,
		aluminium, small steering roll radius, anti-dive, air suspension
Cumpanaian roor		with automatic self-levelling
Suspension, rear		Five-link axle, aluminium, with steering function, anti-squat and anti-dive, double acoustic separation, air suspension with automatic self-levelling
Drakon front		<u></u>
Brakes, front Brakes, rear		Four-piston fixed-calliper disc brakes / vented Single-piston floating-calliper disc brakes / vented
		Standard: DSC incl. ABS and DTC (Dynamic Traction Control),
Driving stability systems		CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying
		function, fading compensation, start-off assistant, Adaptive Suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
		front passenger, head airbags for front and rear seats, three-point inertia-
		reel seatbelts on all seats with belt latch tensioner and belt force limiter at
0		the front seats, crash sensors, Tyre Pressure Indicator
Steering		Electromechanical rack-and-pinion power steering (EPS)
Chandra valia access		with Servotronic function, Integral Active Steering
Steering ratio, overall	:1_	16.9
Tyres, front/rear		225/60 R17 99Y
Rims, front/rear		7.5J x 17 light-alloy

		BMW 730Ld
Transmission		
Type of gearbox		8-speed Steptronic
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	2.563
Performance		
Power-to-weight ratio (DIN)	kg/kW	9.1
Output per litre	kW/l	70.2
Acceleration 0–100 km/	h s	6.0
Top speed	km/h	250

BMW EfficientDynamics standard features

Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, 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 EU cycle ltr/100 km 6.2 – 6.0 Urban (NEDC) ltr/100 km 4.3 - 4.1Extra-urban (NEDC) Combined (NEDC) Itr/100 km 5.0 – 4.8 Combined (WLTP) Itr/100 km 6.3 – 5.6 CO₂ (NEDC) 130 – 126 g/km CO₂ (WLTP) 165 - 145 g/km Emission rating Euro 6d

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

¹⁾ Height including roof aerial

²⁾ Oil change volume

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BMW 7 Series. 730Ld xDrive.

		BMW 730Ld xDrive		
D. J.				
Body No. of doors/seats		4/5		
Length/width/height 1) (unladen)	mm	5260 / 1902 / 1479		
Wheelbase	mm	3210		
Track, front/rear	mm	1617 / 1646		
Ground clearance	mm	135		
Turning circle	m	13.1		
Tank capacity	approx. Itr	78		
Engine oil 2)	ltr	7.0		
Weight, unladen, to DIN/EU	kg	1975 / 2050		
Max. load to DIN	kg	695		
Max. permissible weight	kg	2670		
Max. axle load, front/rear		1330 / 1435		
Max. trailer load,	kg	13307 1433		
braked (12%)/unbraked	ka	2100 / 750		
Max. roof load/towbar download	kg	100 / 100		
	kg Itr	515		
Luggage comp. capacity Air resistance	C _d x A	0.24 x 2.42		
All LESISTALICE	Cd X A	U.24 X 2.42		
Engine				
Config./No. of cyls./valves		in-line / 6 / 4		
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, low-pressure turbocharger with variable inlet geometry, common-rail direc injection with piezo injectors (max. injection pressure: 2700 bar)		
Effective capacity	cm ³	2993		
Stroke/bore	mm	90.0 / 84.0		
Compression ratio	:1	16.5		
Fuel	.1	Diesel		
Output	kW/hp	210 / 286		
at	rpm	4000		
Torque	Nm	650		
at	rpm	1500 – 2500		
48V mild hybrid technology	тртт	1300 - 2300		
output	kW/hp	8/11		
Electrical System	A I. /	00/1		
12V battery/installation	Ah/-	90 / luggage comp.		
48V battery/installation	Ah/-	11 / engine comp.		
Driving Dynamics and Safety				
Suspension, front		Double track control arm axle with separate lower track arm level,		
	aluminium, small steering roll radius, anti-dive, air suspension			
		with automatic self-levelling		
Suspension, rear		Five-link axle, aluminium, with steering function, anti-squat and anti-dive,		
B	double acoustic separation, air suspension with automatic self-levelling			
Brakes, front		Four-piston fixed-calliper disc brakes / vented		
Brakes, rear		Single-piston floating-calliper disc brakes / vented		
Driving stability systems	Standard: DSC incl. ABS and DTC (Dynamic Traction Control),			
	CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying			
		function, fading compensation, start-off assistant, DSC networked with		
-		xDrive all-wheel-drive system, Adaptive Suspension		
Safety equipment	Standard: airbags for driver and front passenger, side airbags for driver and			
	front passenger, head airbags for front and rear seats, three-point inertia-			
		reel seatbelts on all seats with belt latch tensioner and belt force limiter at		
Cha asia a		the front seats, crash sensors, Tyre Pressure Indicator		
Steering		Electromechanical rack-and-pinion power steering (EPS)		
Chapting action are all	<u> </u>	with Servotronic function, Integral Active Steering		
Steering ratio, overall	:1	16.4		
Tyres, front/rear		225/60 R17 99Y		
Rims, front/rear		7.5J x 17 light-alloy		

		BMW 730Ld xDrive	
Transmission			
Type of gearbox		8-speed Steptronic	
Gear ratios	1 :1	4.714	
	ll :1	3.143	
I	l :1	2.106	
יו	/ :1	1.667	
,	/ :1	1.285	
\	′I :1	1.000	
V	ll :1	0.839	
VI	ll :1	0.667	
F	₹ :1	3.317	
Final drive	:1	2.563	
Performance			
Power-to-weight ratio (DIN)	kg/kW	9.4	
Output per litre	kW/l	70.2	
Acceleration 0–100 km/h	S	5.7	
Top speed	km/h	250	

BMW EfficientDynamics standard features

Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter

Fuel consumption EU cy	/cle		
Urban (NEDC)	ltr/100 km	6.5 – 6.3	
Extra-urban (NEDC)	ltr/100 km	4.5 – 4.3	
Combined (NEDC)	ltr/100 km	5.3 – 5.1	
Combined (WLTP)	ltr/100 km	6.7 – 6.0	
CO ₂ (NEDC)	g/km	139 – 133	
CO ₂ (WLTP)	g/km	175 – 156	
Emission rating		Euro 6d	

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

¹⁾ Height including roof aerial

²⁾ Oil change volume

BMW 7 Series. 740d xDrive.

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		BMW 740d xDrive	
		DINITY TOURS DITTO	
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	12.6	
Tank capacity	approx. ltr	78	
Engine oil 2)	ltr	7.0	
Weight, unladen, to DIN/EU	kg	1955 / 2030	
Max. load to DIN	kg	685	
Max. permissible weight	kg	2640	
Max. axle load, front/rear	kg	1340 / 1420	
Max. trailer load,			
braked (12%)/unbraked	kg	2300 / 750	
Max. roof load/towbar download	kg	100 / 100	
Luggage comp. capacity	ltr	515	
Air resistance	c _d x A	0.27 x 2.41	
Engine			
Config./No. of cyls./valves		in-line / 6 / 4	
Engine technology		BMW TwinPower Turbo technology: multi-stage charging,	
Engine technology		high and low pressure turbocharger with variable inlet geometry, common	
		rail direct fuel injection with piezo injectors	
		(max. injection pressure: 2700 bar)	
Effective capacity	cm ³	2993	
Stroke/bore	mm	90.0 / 84.0	
Compression ratio	:1	16.5	
Fuel	.1	Diesel	
Output	kW/hp	250 / 340	
			
at	rpm Nm	4400 700	
Torque			
at	rpm	1750 – 2250	
48V mild hybrid technology output	kW/hp	8/11	
σατρατ	κντιρ	0711	
Electrical System			
12V battery/installation	Ah/-	90 / luggage comp.	
48V battery/installation	Ah/–	11 / engine comp.	
Driving Dynamics and Safety			
Suspension, front		Double track control arm axle with separate lower track arm level,	
Caspension, none		aluminium, small steering roll radius, anti-dive, air suspension	
		with automatic self-levelling	
Suspension, rear		Five-link axle, aluminium, with steering function, anti-squat and anti-dive.	
Casperior, real		double acoustic separation, air suspension with automatic self-levelling	
Brakes, front		Four-piston fixed-calliper disc brakes / vented	
Brakes, rear		Single-piston floating-calliper disc brakes / vented	
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control),	
Driving stability dystorns	CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying		
		function, fading compensation, start-off assistant, DSC networked with	
		xDrive all-wheel-drive system, Adaptive Suspension	
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and	
		front passenger, head airbags for front and rear seats, three-point inertia-	
		reel seatbelts on all seats with belt latch tensioner and belt force limiter at	
		the front seats, crash sensors, Tyre Pressure Indicator	
Steering		Electromechanical rack-and-pinion power steering (EPS)	
		with Servotronic function, Integral Active Steering	
Steering ratio, overall	:1	16.4	
Tyres, front/rear		245/50 R18 100Y	
Rims, front/rear		8J x 18 light-alloy	
		SO A TO HIGHE UNION	

		BMW 740d xDrive
Transmission		
Type of gearbox		8-speed Steptronic
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 (DIN)	kg/kW	7.8
Output per litre	kW/l	83.5
Acceleration 0–100 km/h	S	5.0
Top speed	km/h	250

BMW EfficientDynamics standard features

Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter

Fuel consumption EU cy	rcle		
Urban (NEDC)	ltr/100 km	6.7 - 6.4	
Extra-urban (NEDC)	ltr/100 km	4.6 – 4.4	
Combined (NEDC)	ltr/100 km	5.4 – 5.2	
Combined (WLTP)	ltr/100 km	6.6 – 6.0	
CO ₂ (NEDC)	g/km	142 – 136	
CO ₂ (WLTP)	g/km	174 – 158	
Emission rating		Euro 6d	

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

¹⁾ Height including roof aerial

²⁾ Oil change volume

BMW 7 Series. 740Ld xDrive.

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		BMW 740Ld xDrive	
Body		4.15	
No. of doors/seats	mm	4 / 5 5260 / 1902 / 1479	
Length/width/height ¹⁾ (unladen) Wheelbase	mm	3210	
Track, front/rear	mm mm	1611 / 1640	
Ground clearance	mm	135	
Turning circle	m	13.1	
Tank capacity	approx. ltr	78	
Engine oil 2)	ltr	7.0	
Weight, unladen, to DIN/EU	kg	2000 / 2075	
Max. load to DIN	kg	670	
Max. permissible weight	kg	2670	
Max. axle load, front/rear	kg	1365 / 1425	
Max. trailer load,			
braked (12%)/unbraked	kg	2300 / 750	
Max. roof load/towbar download	kg	100 / 100	
Luggage comp. capacity	ltr	515	
Air resistance	c _d x A	0.27 x 2.42	
Engine			
Config./No. of cyls./valves		in-line / 6 / 4	
Engine technology		BMW TwinPower Turbo technology: multi-stage charging,	
		high and low pressure turbocharger with variable inlet geometry, common	
		rail direct fuel injection with piezo injectors	
Effective consoity	cm ³	(max. injection pressure: 2700 bar) 2993	
Effective capacity Stroke/bore	mm	90.0 / 84.0	
Compression ratio	:1	16.5	
Fuel	.1	Diesel	
Output	kW/hp	250 / 340	
at	rpm	4400	
Torque	Nm	700	
at	rpm	1750 – 2250	
48V mild hybrid technology	.,,		
output	kW/hp	8/11	
Electrical System	A1./	00.11	
12V battery/installation	Ah/-	90 / luggage comp.	
48V battery/installation	Ah/-	11 / engine comp.	
Driving Dynamics and Safety			
Suspension, front		Double track control arm axle with separate lower track arm level,	
		aluminium, small steering roll radius, anti-dive, air suspension	
		with automatic self-levelling	
Suspension, rear		Five-link axle, aluminium, with steering function, anti-squat and anti-dive,	
		double acoustic separation, air suspension with automatic self-levelling	
Brakes, front		Four-piston fixed-calliper disc brakes / vented	
Brakes, rear		Single-piston floating-calliper disc brakes / vented	
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control),	
		CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assistant, DSC networked with	
		xDrive all-wheel-drive system, Adaptive Suspension	
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and	
carety equipment	front passenger, head airbags for front and rear seats, three-point inertia-		
		reel seatbelts on all seats with belt latch tensioner and belt force limiter at	
		the front seats, crash sensors, Tyre Pressure Indicator	
Steering		Electromechanical rack-and-pinion power steering (EPS)	
		with Servotronic function, Integral Active Steering	
Otooring		with Servotionic function, integral Active Steering	
	:1	16.4	
Steering ratio, overall Tyres, front/rear	:1		

		BMW 740Ld xDrive
Transmission		
Type of gearbox		8-speed Steptronic
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
\	/III :1	0.667
	R :1	3.317
Final drive	:1	2.563
Performance		
Power-to-weight ratio (DIN)	kg/kW	8.0
Output per litre	kW/l	83.5
Acceleration 0–100 km/h	n s	5.1
Top speed	km/h	250

BMW EfficientDynamics standard features

Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter

Fuel consumption EU cy	/cle		
Urban (NEDC)	ltr/100 km	6.7 – 6.5	
Extra-urban (NEDC)	ltr/100 km	4.7 – 4.5	
Combined (NEDC)	ltr/100 km	5.4 – 5.2	
Combined (WLTP)	ltr/100 km	6.7 – 6.1	
CO ₂ (NEDC)	g/km	143 – 137	
CO ₂ (WLTP)	g/km	176 – 160	
Emission rating		Euro 6d	

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

¹⁾ Height including roof aerial

²⁾ Oil change volume