

Specifications.

BMW 7 Series.

750i xDrive.



BMW 750i xDrive		
Body		
No. of doors/seats		4 / 5
Length/width/height ¹⁾ (unladen)	mm	5120 / 1902 / 1467
Wheelbase	mm	3070
Track, front/rear	mm	1611 / 1640
Ground clearance	mm	135
Turning circle	m	12.6
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 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 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; optional: 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			
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	2.813
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			
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 cycle			
Urban	ltr/100 km		13.1 – 13.0
Extra-urban	ltr/100 km		7.4 – 7.4
Combined	ltr/100 km		9.5 – 9.5
CO ₂	g/km		216 – 216
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

The values for fuel consumption, CO₂ emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

The values are already based on the test cycle according to the new WLTP regulation and are translated back into NEDC-equivalent values in order to allow a comparison between vehicles. With respect to these vehicles, for vehicle related taxes or other duties based (at least inter alia) on CO₂-emissions the CO₂ values may differ to the values stated here.

BMW 7 Series. 750Li xDrive.

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 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 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 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; optional: 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
	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		5.2
Output per litre	kW/l		88.7
Acceleration 0–100 km/h	s		4.1
Top speed	km/h		250
BMW EfficientDynamics			
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 cycle			
Urban	ltr/100 km		13.1 – 13.0
Extra-urban	ltr/100 km		7.4 – 7.4
Combined	ltr/100 km		9.5 – 9.5
CO ₂	g/km		217 – 217
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

The values for fuel consumption, CO₂ emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

The values are already based on the test cycle according to the new WLTP regulation and are translated back into NEDC-equivalent values in order to allow a comparison between vehicles. With respect to these vehicles, for vehicle related taxes or other duties based (at least inter alia) on CO₂-emissions the CO₂ values may differ to the values stated here.

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. l	46
Engine oil ²⁾	l	6.5
Weight, unladen, to DIN/EU	kg	2000 / 2075
Max load to DIN	kg	635
Max permissible weight	kg	2635
Max axle load, front/rear	kg	1225 / 1480
Max roofload/max towbar download	kg	100 / –
Luggage comp capacity	l	420
Air resistance	C _d x A	0.26 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 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
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)

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	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, ASC and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking 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, 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	16.9
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	5.2
Top speed		km/h	250
Top speed (electric)		km/h	140
Electric range (WLTP)		km	49 – 56

BMW EfficientDynamics

BMW EfficientDynamics standard features	BMW eDrive technology, Electric Power Steering, hybrid-specific Auto Start Stop function, Optimum Shift Indicator, ECO PRO and COMFORT 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
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Fuel Consumption ECE

Fuel consumption combined	l/100 km	2.2 – 2.1
CO ₂ emissions from fuel	g/km	50 – 49
Electric power consumption combined	kWh/100 km	16.6 – 16.3
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. 745Le.

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
Fuel tank capacity	approx. l	46
Engine oil ²⁾	l	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	l	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 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		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
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)

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	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, ASC and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking 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, 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	16.9
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)		km/h	140
Electric range (WLTP)		km	47 – 55

BMW EfficientDynamics

BMW EfficientDynamics standard features	BMW eDrive technology, Electric Power Steering, hybrid-specific 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
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Fuel Consumption ECE

Fuel consumption combined	l/100 km	2.2 – 2.2
CO ₂ emissions from fuel	g/km	51 – 49
Electric power consumption combined	kWh/100 km	17.6 – 16.9
Emission rating		Euro 6d

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¹⁾ Height including roof fin

²⁾ Oil change

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BMW 7 Series. 745Le xDrive.

BMW 745Le 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
Fuel tank capacity	approx. l	46
Engine oil ²⁾	l	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	l	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		
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	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
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)

BMW 745Le xDrive

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	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, ASC and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking 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, 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	16.4
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	3.231

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 – 50

BMW EfficientDynamics

BMW EfficientDynamics standard features	BMW eDrive technology, Electric Power Steering, hybrid-specific 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, efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance
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Fuel Consumption ECE

Fuel consumption combined	l/100 km	2.5 – 2.4
CO ₂ emissions from fuel	g/km	58 – 55
Electric power consumption combined	kWh/100 km	17.9 – 17.8
Emission rating		Euro 6d

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¹⁾ Height including roof fin

²⁾ Oil change

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BMW 7 Series. 730d.

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	kg	1255 / 1400
Max. trailer load, 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 2.41
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.
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; optional: 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			
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			
Urban	ltr/100 km		6.0 – 5.9
Extra-urban	ltr/100 km		4.2 – 4.0
Combined	ltr/100 km		4.9 – 4.7
CO ₂	g/km		128 – 123
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

The values for fuel consumption, CO₂ emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

The values are already based on the test cycle according to the new WLTP regulation and are translated back into NEDC-equivalent values in order to allow a comparison between vehicles. With respect to these vehicles, for vehicle related taxes or other duties based (at least inter alia) on CO₂-emissions the CO₂ values may differ to the values stated here.

BMW 7 Series. 730d xDrive.

BMW 730d xDrive		
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. ltr	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	kg	1298 / 1400
Max. trailer load, 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 2.41
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.
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 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; optional: 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 730d xDrive			
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		9.2
Output per litre	kW/l		70.2
Acceleration 0–100 km/h	s		5.6
Top speed	km/h		250
BMW EfficientDynamics			
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 cycle			
Urban	ltr/100 km		6.5 – 6.3
Extra-urban	ltr/100 km		4.5 – 4.3
Combined	ltr/100 km		5.2 – 5.0
CO ₂	g/km		138 – 133
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

The values for fuel consumption, CO₂ emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

The values are already based on the test cycle according to the new WLTP regulation and are translated back into NEDC-equivalent values in order to allow a comparison between vehicles. With respect to these vehicles, for vehicle related taxes or other duties based (at least inter alia) on CO₂-emissions the CO₂ values may differ to the values stated here.

BMW 7 Series. 730Ld.

BMW 730Ld		
Body		
No. of doors/seats		4 / 5
Length/width/height ¹⁾ (unladen)	mm	5260 / 1902 / 1479
Wheelbase	mm	3210
Track, front/rear	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, 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, 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.
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; optional: 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			
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			
Urban	ltr/100 km		6.2 – 6.0
Extra-urban	ltr/100 km		4.3 – 4.1
Combined	ltr/100 km		5.0 – 4.8
CO ₂	g/km		130 – 126
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

The values for fuel consumption, CO₂ emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

The values are already based on the test cycle according to the new WLTP regulation and are translated back into NEDC-equivalent values in order to allow a comparison between vehicles. With respect to these vehicles, for vehicle related taxes or other duties based (at least inter alia) on CO₂-emissions the CO₂ values may differ to the values stated here.

BMW 7 Series. 730Ld xDrive.

BMW 730Ld xDrive		
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. ltr	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	kg	1330 / 1435
Max. trailer load, 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, 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.
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 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; optional: 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	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		9.4
Output per litre	kW/l		70.2
Acceleration 0–100 km/h	s		5.7
Top speed	km/h		250
BMW EfficientDynamics			
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 cycle			
Urban	ltr/100 km		6.5 – 6.3
Extra-urban	ltr/100 km		4.5 – 4.3
Combined	ltr/100 km		5.3 – 5.1
CO ₂	g/km		139 – 133
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

The values for fuel consumption, CO₂ emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

The values are already based on the test cycle according to the new WLTP regulation and are translated back into NEDC-equivalent values in order to allow a comparison between vehicles. With respect to these vehicles, for vehicle related taxes or other duties based (at least inter alia) on CO₂-emissions the CO₂ values may differ to the values stated here.

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	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, 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		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		
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 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; optional: Integral Active Steering
Steering ratio, overall	:1	16.4
Tyres, front/rear		245/50 R18 100Y
Rims, front/rear		8J x 18 light-alloy

BMW 740d xDrive			
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		7.8
Output per litre	kW/l		83.5
Acceleration 0–100 km/h	s		5.0
Top speed	km/h		250
BMW EfficientDynamics			
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 cycle			
Urban	ltr/100 km		6.7 – 6.4
Extra-urban	ltr/100 km		4.6 – 4.4
Combined	ltr/100 km		5.4 – 5.2
CO ₂	g/km		142 – 136
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

The values for fuel consumption, CO₂ emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

The values are already based on the test cycle according to the new WLTP regulation and are translated back into NEDC-equivalent values in order to allow a comparison between vehicles. With respect to these vehicles, for vehicle related taxes or other duties based (at least inter alia) on CO₂-emissions the CO₂ values may differ to the values stated here.

BMW 7 Series. 740Ld xDrive.

BMW 740Ld 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	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 (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	250 / 340
at	rpm	4400
Torque	Nm	700
at	rpm	1750 – 2250
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.
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 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; optional: Integral Active Steering
Steering ratio, overall	:1	16.4
Tyres, front/rear		245/50 R18 100Y
Rims, front/rear		8J x 18 light-alloy

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
	VIII	: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	s		5.1
Top speed	km/h		250
BMW EfficientDynamics			
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 cycle			
Urban	ltr/100 km		6.7 – 6.5
Extra-urban	ltr/100 km		4.7 – 4.5
Combined	ltr/100 km		5.4 – 5.2
CO ₂	g/km		143 – 137
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

The values for fuel consumption, CO₂ emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

The values are already based on the test cycle according to the new WLTP regulation and are translated back into NEDC-equivalent values in order to allow a comparison between vehicles. With respect to these vehicles, for vehicle related taxes or other duties based (at least inter alia) on CO₂-emissions the CO₂ values may differ to the values stated here.