

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, 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 (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

Fuel consumption, CO₂ emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO₂ emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at www.bmw.com/wltp.

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, 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 (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

Fuel consumption, CO₂ emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO₂ emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at www.bmw.com/wltp.

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 DINEU	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)
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

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, 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 features		BMW eDrive technology, Electric Power Steering, hybrid-specific 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, differential with optimised warm-up behaviour, tyres with reduced rolling resistance	
Consumption ECE			
Fuel consumption weighted combined (NEDC)		l/100 km	2.2 – 2.1
Fuel consumption weighted combined (WLTP)		l/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
Emission rating		Euro 6d	

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- ¹⁾ Height including roof aerial
²⁾ Oil change volume

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All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO₂ emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at www.bmw.com/wltp.

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)
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

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, 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 features		BMW eDrive technology, Electric Power Steering, hybrid-specific 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, differential with optimised warm-up behaviour, tyres with reduced rolling resistance	
Consumption ECE			
Fuel consumption weighted combined (NEDC)		l/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 weighted combined (WLTP)		kWh/100 km	19.4 – 18.1
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

Fuel consumption, CO₂ emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO₂ emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at www.bmw.com/wltp.

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)
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

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, 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 features		BMW eDrive technology, Electric Power Steering, hybrid-specific 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 with optimised warm-up behaviour, tyres with reduced rolling resistance	
Consumption ECE			
Fuel consumption weighted combined (NEDC)		l/100 km	2.6 – 2.5
Fuel consumption weighted combined (WLTP)		l/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 weighted combined (NEDC)		kWh/100 km	17.8 – 17.5
Electric power consumption 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

Fuel consumption, CO₂ emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO₂ emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at www.bmw.com/wltp.

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, 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 (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

Fuel consumption, CO₂ emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO₂ emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at www.bmw.com/wltp.

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, 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 (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

Fuel consumption, CO₂ emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO₂ emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at www.bmw.com/wltp.

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, 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 (NEDC)	ltr/100 km		6.2 – 6.0
Extra-urban (NEDC)	ltr/100 km		4.3 – 4.1
Combined (NEDC)	ltr/100 km		5.0 – 4.8
Combined (WLTP)	ltr/100 km		6.3 – 5.6
CO ₂ (NEDC)	g/km		130 – 126
CO ₂ (WLTP)	g/km		165 – 145
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

Fuel consumption, CO₂ emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO₂ emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at www.bmw.com/wltp.

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, 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 (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

Fuel consumption, CO₂ emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO₂ emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at www.bmw.com/wltp.

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, 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 (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

Fuel consumption, CO₂ emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

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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, 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 (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

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