BMW Media Information

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Technical specifications. BMW 5 Series Touring. 520i.



	BMW 520i Touring
Body	515
No of doors/seats	5/5
Length/width/height 1) (unladen) m	
Wheelbase m	
-	m 1605 / 1630
Ground clearance m	
	m 12.0
Fuel tank capacity approx	
Engine oil 2)	5.25
	kg 1715 / 1790
	kg 695
	kg 2410
Max axle load, front/rear	kg 1100 / 1410
Max trailer load,	
braked (12%)/unbraked	kg 2000 / 750
Max roofload/max towbar download	kg 100 / 90
Luggage comp capacity	1 560 – 1700
Air resistance C _d x	A 0.27 x 2.35
Power Unit	
Config/No of cyls/valves	In-line / 4 / 4
Engine technology	BMW TwinPower Turbo technology: twin-scroll turbocharger, High Precision
Lingine technology	Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
Effective capacity	
Stroke/bore m	m 94.6 / 82.0
	:1 11.0
Fuel	Min. RON 91
Max output kW/h	
at rp	
	m 290
at rp	
48V mild hybrid technology	1000 1200
Max output kW/h	np 8/11
Electrical System	
12V battery/installation Ah	/- 90 / luggage compartment
48V battery/installation Ah	2 4 9 9 4 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1
- To Vacconymistanación - 7 a	, The signification
Driving Dynamics and Safety	
Suspension, front	Double-wishbone axle in aluminium construction with separate lower track arm, small steering roll radius, transverse force compensation, anti-dive
Suspension, rear	Five-link axle in aluminium lightweight construction, dual elastic bearing, air
Dueling fromt	suspension with automatic self-levelling
Brakes, front	Vented disc brakes, with four-piston fixed callipers
Brakes, rear	Vented disc brakes, with single-piston floating callipers
Driving stability systems	Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
	Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
	Fading Compensation, Start-Off Assistant; optional: Adaptive suspension,
2.6	Adaptive Drive
Safety equipment	Standard: airbags for driver and front passenger, side airbags for driver and
	front passenger, head airbags front and rear, three-point inertia-reel seatbelts
	on all seats with belt stopper, belt tensioner and belt force limiter at the front,
0	crash-active front head restraints, crash sensors, tyre pressure indicator
Steering	Electric Power Steering (EPS),
0	optional: Integral Active Steering
	17.0
Tyres, front/rear	225/55 R17 101Y XL
Rims, front/rear	7.5J x 17 light-alloy

			DIAM FAA! T
			BMW 520i Touring
Transmission			
Type of transmission	ın.		Eight-speed Steptronic transmission
Gear ratios)(I	:1	5.250
Geal Tallos	<u>'</u>	:1	3.360
	<u></u>	:1	2.172
	IV	:1	1.720
	V	:1	1.316
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Final drive	П	:1	2,929
rinai unive		.1	2.929
Performance			
Power-to-weight rat	tio (DIN)	kg/kW	12.7
Output per litre	(=,	kW/l	67.6
	-100 km/h	S	8.3
Top speed		km/h	225
BMW EfficientDy	namics		
BMW EfficientDyna	mics	N	Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration
standard features		\	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
Fuel Consumption	n ECE	1/4.00.1	70.07
Urban (NEDC)		I/100 km	7.0 – 6.7
Extra-urban (NEDC))	I/100 km	5.0 – 4.8
Combined (NEDC)		I/100 km	5.7 – 5.5
Combined (WLTP)		I/100 km	7.5 – 6.6
CO ₂ (NEDC)		g/km	131 – 126
CO ₂ (WLTP)		g/km	170 – 150
Emission rating			Euro 6d

¹⁾ Height including roof fin ²⁾ Oil change

BMW 5 Series Touring. 530i.

Steering ratio, overall
Tyres, front/rear
Rims, front/rear

		BMW 530i Touring
		<u> </u>
Body		
No of doors/seats		5/5
Length/width/height 1) (unladen)	mm	4963 / 1868 / 1498
Wheelbase	mm	2975
Track, front/rear	mm	1605 / 1630
Ground clearance	mm	140
Turning circle	m	12.0
Fuel tank capacity	approx. I	68
Engine oil 2)		5.25
Weight, unladen, to DIN/EU	kg	1730 / 1805
Max load to DIN	kg	695
Max permissible weight	kg	2425
Max axle load, front/rear	kg	1120 / 1430
Max trailer load,		
braked (12%)/unbraked	kg	2000 / 750
Max roofload/max towbar downlo		100 / 90
Luggage comp capacity	<u> </u>	560 – 1700
Air resistance	c _d x A	0.27 x 2.35
Power Unit		
Config/No of cyls/valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: twin-scroll turbocharger, High Precision
		Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable
		camshaft timing
Effective capacity	CC	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	10.2
Fuel		Min. RON 91
Max output	kW/hp	185 / 252
at	rpm	5200 – 6500
Max torque	Nm	350
at	rpm	1450 – 4800
48V mild hybrid technology		
Max output	kW/hp	8/11
Electrical System		
12V battery/installation	Ah/–	90 / luggage compartment
48V battery/installation	Ah/-	11 / engine compartment
		- <u>J</u>
Driving Dynamics and Safety		
Suspension, front	l	Double-wishbone axle in aluminium construction with separate lower track arm small steering roll radius, transverse force compensation, anti-dive
Suspension, rear		Five-link axle in aluminium lightweight construction, dual elastic bearing, air
Suspension, real		suspension with automatic self-levelling
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems	Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering	
Briving stability systems	`	Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
		Fading Compensation, Start-Off Assistant; optional: Adaptive suspension,
		Adaptive Drive
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
A catala casa		front passenger, head airbags front and rear, three-point inertia-reel seatbelts
		on all seats with belt stopper, belt tensioner and belt force limiter at the front,
		crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS),
3		optional: Integral Active Steering
Steering ratio, overall	:1	17.0
Tyres front/rear		225/55 R17 101Y XI

225/55 R17 101Y XL 7.5J x 17 light-alloy

			BMW 530i Touring
Transmission			Fig. 10 and 10 a
Type of transmis	ssion		Eight-speed Steptronic transmission
Gear ratios		:1	5.250
	ll ll	:1	3.360
	III	:1	2.172
	IV	:1	1.720
	V	:1	1.316
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Final drive		:1	2.813
Performance			
Power-to-weight	t ratio (DIN)	kg/kW	9.4
Output per litre		kW/l	92.6
Acceleration	0–100 km/h	S	6.7
Top speed		km/h	250
BMW Efficient	Dynamics		
BMW EfficientD			Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration
standard feature	es		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
Fuel Consump	tion ECE		
	ILION ECE	l/100 km	7.0 – 6.8
Urban (NEDC)	DC)		5.1 – 4.8
Extra-urban (NEI		I/100 km	211 112
Combined (NED	-,	I/100 km	5.8 - 5.6 7.4 - 6.5
Combined (WLT	P)	I/100 km	**** ***
CO ₂ (NEDC)		g/km	133 – 127
CO ₂ (WLTP)		g/km	169 – 148
Emission rating			Euro 6d

¹⁾ Height including roof fin ²⁾ Oil change

Steering ratio, overall
Tyres, front/rear
Rims, front/rear

BMW 5 Series Touring. 530i xDrive.

		DMM 500: Drive Territor
		BMW 530i xDrive Touring
Body		
No of doors/seats		5/5
Length/width/height 1) (unladen)	mm	4963 / 1868 / 1498
Wheelbase	mm	2975
Track, front/rear	mm	1605 / 1630
Ground clearance	mm	140
Turning circle	m	12.4
Fuel tank capacity	approx. I	68
Engine oil 2)	upp.ox	5.25
Weight, unladen, to DIN/EU	kg	1790 / 1865
Max load to DIN	kg	700
Max permissible weight	kg	2490
Max axle load, front/rear	kg	1170 / 1440
Max trailer load,	Ng	11707 1440
braked (12%)/unbraked	kg	2000 / 750
Max roofload/max towbar downle		100 / 90
Luggage comp capacity	Jau ky I	560 – 1700
Air resistance		0.27 x 2.35
All resistance	c _d x A	0.21 x 2.35
Power Unit		
Config/No of cyls/valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: twin-scroll turbocharger, High Precision
5		Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable
		camshaft timing
Effective capacity	CC	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	10.2
Fuel		Min. RON 91
Max output	kW/hp	185 / 252
at	rpm	5200 - 6500
Max torque	Nm	350
at	rpm	1450 – 4800
48V mild hybrid technology		1100 1000
Max output	kW/hp	8/11
Trian output	ТССТПР	J711
Electrical System		
12V battery/installation	Ah/–	90 / luggage compartment
48V battery/installation	Ah/–	11 / engine compartment
Driving Dynamics and Safety	,	
Suspension, front		Double-wishbone axle in aluminium construction with separate lower track arm,
Caoponoion, none		small steering roll radius, transverse force compensation, anti-dive
Suspension, rear		Five-link axle in aluminium lightweight construction, dual elastic bearing, air
Cuspension, real		suspension with automatic self-levelling
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
Driving stability systems	,	Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
		Fading Compensation, Start-Off Assistant, all-wheel-drive system xDrive linked
		with DSC; optional: Adaptive suspension, Adaptive Drive
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
outory equiprine III		front passenger, head airbags front and rear, three-point inertia-reel seatbelts
		on all seats with belt stopper, belt tensioner and belt force limiter at the front,
		crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS),
		optional: Integral Active Steering
Steering ratio, overall	:1	16.5

225/55 R17 101Y XL 7.5J x 17 light-alloy

		BMW 530i xDrive Touring
		DIMW 3301 XDTIVE TOUTING
Transmission		
Type of transmission		Eight-speed Steptronic transmission
Gear ratios		• • •
4041141100	II :1	
	III :1	
	IV :1	1.720
	V :1	1.316
	VI :1	1.000
	VII :1	0.822
	VIII :1	0.640
	R :1	3.712
Final drive	:1	2.813
Performance		
Power-to-weight ratio (DIN	J) kg/kW	9.7
Output per litre	kW/	
Acceleration 0–100 k	m/h s	6.6
Top speed	km/h	250
BMW EfficientDynamic	:s	
BMW EfficientDvnamics		Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration
standard features		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
		, ,
Fuel Consumption ECE		70.70
Urban (NEDC)	l/100 km	
Extra-urban (NEDC)	l/100 km	
Combined (NEDC)	I/100 km	
Combined (WLTP)	I/100 km	· · · · · · · · · · · · · · · · · · ·
CO ₂ (NEDC)	g/km	
CO ₂ (WLTP)	g/km	
Emission rating		Euro 6d

¹⁾ Height including roof fin 2) Oil change

BMW 5 Series Touring. 540i xDrive.

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		BMW 540i xDrive Touring
		Billy 0 101 XBIIVE Fouring
Body		
No of doors/seats		5/5
Length/width/height 1) (unlade	en) mm	4963 / 1868 / 1498
Wheelbase	mm	2975
Track, front/rear	mm	1605 / 1630
Ground clearance	mm	140
Turning circle	m	12.4
Fuel tank capacity	approx. I	68
Engine oil 2)	I	6.5
Weight, unladen, to DIN/EU	kg	1850 / 1925
Max load to DIN	kg	685
Max permissible weight	kg	2535
Max axle load, front/rear	kg	1240 / 1450
Max trailer load,		
braked (12%)/unbraked	kg	2000 / 750
Max roofload/max towbar dov	wnload kg	100 / 90
Luggage comp capacity	I	560 – 1700
Air resistance	c _d x A	0.27 x 2.35
Power Unit		1. P 1014
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: twin-scroll turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
Effective consoity		2998
Effective capacity	CC	
Stroke/bore Compression ratio	mm	94.6 / 82.0
	:1	11.0
Fuel	LVAIII	Min. RON 91
Max output	kW/hp	245 / 333
at	rpm	5500 – 6250
Max torque	Nm	450
at	rpm	1600 – 4800
48V mild hybrid technology Max output	kW/hp	8/11
iviax output	KVV/IIP	0/11
Electrical System		
12V battery/installation	Ah/–	90 / luggage compartment
48V battery/installation	Ah/–	11 / engine compartment
		<u> </u>
Driving Dynamics and Sat	fety	
Suspension, front	I	Double-wishbone axle in aluminium construction with separate lower track arm
_		small steering roll radius, transverse force compensation, anti-dive
Suspension, rear		Five-link axle in aluminium lightweight construction, dual elastic bearing, air
		suspension with automatic self-levelling
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems	,	Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
		Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
		Fading Compensation, Start-Off Assistant, all-wheel-drive system xDrive linked
Cofoty oquipment		with DSC; optional: Adaptive suspension, Adaptive Drive
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts
		on all seats with belt stopper, belt tensioner and belt force limiter at the front,
		crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS),
Oteemig		optional: Integral Active Steering
Steering ratio, overall	:1	optional: integral Active Steering 16.5
Tyres, front/rear	.1	225/55 R17 101Y XL
Rims, front/rear		7.5J x 17 light-alloy
ramo, nontrodi		1.00 x 11 light-alloy

			BMW 540i xDrive Touring
Transmission			
Type of transmis	ssion		Eight-speed Steptronic transmission
Gear ratios		:1	5.250
	ll ll	:1	3.360
	III	:1	2.172
	IV	:1	1.720
	V	:1	1.316
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Final drive		:1	2.929
Performance			
Power-to-weight	t ratio (DIN)	kg/kW	7.6
Output per litre		kW/l	81.7
Acceleration	0-100 km/h	S	5.2
Top speed		km/h	250
BMW Efficient	Dynamics		
BMW EfficientD	ynamics	N	Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration
standard feature	ss -		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
Fuel Consump	tion ECE		
Urban (NEDC)		l/100 km	9.2 – 9.1
Extra-urban (NEI	DC)	l/100 km	6.0 – 5.8
Combined (NED	OC)	l/100 km	7.2 – 7.0
Combined (WLT	TP)	l/100 km	8.5 – 7.8
CO ₂ (NEDC)	•	g/km	164 – 160
CO ₂ (WLTP)		g/km	195 – 177
Emission rating			Euro 6d

¹⁾ Height including roof fin ²⁾ Oil change

BMW 5 Series Touring. 520e.

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		BMW 520e Touring
Body		F.1.F
No. of doors/seats		5/5
Length/width/height 1) (unladen)	mm	4963 / 1868 / 1498
Wheelbase	mm	2975
Track, front/rear	mm	1605 / 1630
Ground clearance	mm	143
Turning circle	m	12.0
	approx. Itr	46
Engine oil ²⁾	ltr	5.25
Weight, unladen, to DIN/EU	kg	1900 / 1975
Max. load to DIN	kg	650
Max. permissible weight	kg	2550
Max. axle load, front/rear	kg	1090 / 1540
Max. trailer load,	kg	
oraked (12%)/unbraked		1700 / 750
Max. roof load/towbar download	kg	100 / 90
_uggage comp. capacity	ltr	430 – 1560
Air resistance	C _d x A	0.29 x 2.35
Drive system		
Drive concept	F	Full-hybrid drive, drive torque from combustion engine or electric motor o
		both transmitted to the rear wheels
System output	kW/hp	150 / 204
System torque	Nm	350
System power-to-weight ratio (DIN)	kg/kW	12.7
Combustion Engine		
<u>`</u>		in the LALA
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: twin scroll turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing,
		Double-VANOS variable camshaft timing
Effective capacity	cm ³	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min RON 91
Output	kW/hp	120 / 163
at Surpur		5000 - 6500
	rpm Nm	300 - 8300
Torque		
at	rpm	1350 – 3700
Output per litre	kW/l	60.0
Electric motor		
Motor technology		BMW eDrive technology: synchronous electric motor integrated in 8-speed
		Steptronic transmission, generator function for energy recuperation for the
		high-voltage battery
Max output	kW/hp	80 / 109
at	rpm	3140
Torque	Nm	265
at	rpm	100 – 2500
High-voltage battery		
Storage technology / installation		lithium-ion / underneath rear seat
Voltage	V	354
Capacity (gross)	kWh	12.0

		BMW 520e Touring
		-
Driving Dynamics and Safety		
Suspension, front		Double-wishbone axle in aluminium construction with separate lower track arm, small steering roll radius, transverse force compensation, anti-dive
Suspension, rear		Five-link axle in aluminium lightweight construction, dual elastic bearing, 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, ASC and DTC (Dynamic Traction Control), CBC
· , ,		(Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant; optional: 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 stopper, 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	17.0
Tyres, front/rear		245/45 R18 100Y XL
Rims, front/rear		8J x 18 light-alloy
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	3.231
Performance		
Acceleration 0–100 km/h	S	8.2
Top speed	km/h	218
Top speed electric	km/h	140
Electric range (WLTP)	km	52 – 57
BMW EfficientDynamics		
BMW EfficientDynamics		BMW eDrive technology, Electric Power Steering, hybrid-specific Auto
standard features		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, electric a/c compressor, differential with optimised warm-up behaviour, tyres with reduced rolling resistance
Consumption EU cycle		
Fuel consumption. weighted combined (NEDC)	1/100	km 2.0 – 1.8
Fuel consumption. weighted combined (WLTP)	1/100	km 1.9 – 1.5
CO ₂ emissions from fuel (NEDC)		/km 46 – 42
CO ₂ emissions from fuel (WLTP)		/km 43 – 34
Electric power consumption weighted combined (NEDC)	kWh/100	
Electric power consumption	KVVII/ IOO	15.0 - 15.0
weighted combined (WLTP)	kWh/100	km 18.4 – 17.0
Emission rating		Euro 6d

Fuel consumption, CO_2 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.

¹⁾ Height including roof fin ²⁾ Oil change

BMW 5 Series Touring. 530e.

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		BMW 530e Touring
Body		
No. of doors/seats		5/5
Length/width/height 1) (unladen)	mm	4963 / 1868 / 1498
Wheelbase	mm	2975
Track, front/rear	mm	1605 / 1630
Ground clearance	mm	143
Turning circle	m	12.0
Tank capacity	approx. ltr	46
Engine oil 2)	ltr	5.25
Weight, unladen, to DIN/EU	kg	1900 / 1975
Max. load to DIN	kg	650
Max. permissible weight	kg	2550
Max. axle load, front/rear	kg	1090 / 1540
Max. trailer load,	kg	10007 10 10
braked (12%)/unbraked	1.9	1700 / 750
Max. roof load/towbar download	kg	100 / 90
Luggage comp. capacity	Ng Itr	430 – 1560
Air resistance	Cd X A	0.29 x 2.35
All Tobiotation	Ca x A	0.23 A 2.33
Drive system		
Drive concept		Full-hybrid drive, drive torque from combustion engine or electric motor or
		both transmitted to the rear wheels
System output	kW/hp	215 / 292
System torque	Nm	420
System power-to-weight ratio (DIN)		8.8
Combustion Engine		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: twin scroll turbocharger,
3		High Precision Injection, VALVETRONIC fully variable valve timing,
		Double-VANOS variable camshaft timing
Effective capacity	cm ³	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel	.1	min RON 91
	Id M//bro	
Output	kW/hp	135 / 184
at	rpm	5000 – 6500
Torque	Nm	300
at	rpm	1350 – 4000
Output per litre	kW/l	67.6
Electric motor		
Motor technology		BMW eDrive technology: synchronous electric motor integrated in 8-speed
wiotor teorifiology		Steptronic transmission, generator function for energy recuperation for the
		high-voltage battery
Max output	k\\\/lbn	9 9 7
Max output	kW/hp	80 / 109
at	rpm	3140
Torque	Nm	265
at	rpm	100 – 2500
High-voltage battery		
Storage technology / installation		lithium-ion / underneath rear seat
Voltage	V	354
Capacity (gross)	kWh	12.0
Charging time for 100 % charge	IVVIII	3.6 h at 3.7 kW (16 A / 230 V)
Charging time for 100 % charge		0.0 11 at 0.7 KVV (10 M7 200 V)

Driving Dynamics and Cafaba		BMW 530e Touring
Driving Dynamics and C-f-+		
Driving Dynamics and Safety	<u> </u>	
Suspension, front		Double-wishbone axle in aluminium construction with separate lower track arm, small steering roll radius, transverse force compensation, anti-dive
Suspension, rear		Five-link axle in aluminium lightweight construction, dual elastic bearing, 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, ASC and DTC (Dynamic Traction Control), CBC
		(Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant; optional: 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 stopper, 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	17.0
Tyres, front/rear		245/45 R18 100Y XL
Rims, front/rear		8J x 18 light-alloy
Transmission		
Type of gearbox		8-speed Steptronic
Gear ratios I	:1	4.714
	: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	6.1
Top speed	km/h	225
Top speed electric	km/h	140
Electric range (WLTP)	km	51 – 57
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, electric a/c compressor, differential with optimised warm-up behaviour, tyres with reduced rolling resistance
Consumption EU cycle		
Fuel consumption. weighted combined (NEDC)	1/100	km 2.0 – 1.8
Fuel consumption. weighted combined (WLTP)	1/100	km 1.9 – 1.5
CO ₂ emissions from fuel (NEDC)		km 46 – 42
CO ₂ emissions from fuel (WLTP)		km 43 – 35
Electric power consumption weighted combined (NEDC)	kWh/100	
Electric power consumption	NVVII/ TOO	10.1 = 10.4
weighted combined (WLTP)	kWh/100	km 18.5 – 17.0
Emission rating		Euro 6d

Fuel consumption, CO_2 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.

¹⁾ Height including roof fin ²⁾ Oil change

BMW 5 Series Touring. 530e xDrive.

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		BMW 530e xDrive Touring
Body		
No. of doors/seats		5/5
Length/width/height 1) (unladen)	mm	4963 / 1868 / 1498
Wheelbase	mm	2975
Track, front/rear	mm	1605 / 1630
Ground clearance	mm	143
Turning circle	m	12.4
<u>_</u>	approx. Itr	46
Engine oil 2)	ltr	5.25
Weight, unladen, to DIN/EU	kg	1960 / 2035
Max. load to DIN	kg	650
Max. permissible weight	kg	2610
Max. axle load, front/rear	kg	1140 / 1550
Max. trailer load,	kg	114071000
braked (12%)/unbraked	ng.	2000 / 750
Max. roof load/towbar download	kg	100 / 90
Luggage comp. capacity	ltr	430 – 1560
Air resistance	C _d x A	0.29 x 2.35
	30 X A	OLO A LIGO
Drive system		
Drive concept		Full-hybrid drive, drive torque from combustion engine or electric motor or both transmitted to all four wheels via BMW xDrive
System output	kW/hp	215 / 292
System torque	Nm	420
System power-to-weight ratio (DIN)		9.1
Combustion Engine		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: twin scroll turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
Effective capacity	cm ³	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel	.1	min RON 91
Output	kW/hp	135 / 184
at		5000 – 6500
Torque	rpm Nm	300
at	rpm	1350 – 4000
Output per litre	kW/l	67.6
Output per little	r.vv/I	07.0
Electric motor		
Motor technology		BMW eDrive technology: synchronous electric motor integrated in 8-speed Steptronic transmission, generator function for energy recuperation for the high-voltage battery
Max output	kW/hp	80 / 109
at	rpm	3140
Torque	Nm	265
at	rpm	100 –2500
High-voltage battery		
Storage technology / installation		lithium-ion / underneath rear seat
Voltage	V	354
Capacity (gross)	kWh	12.0
Charging time for 100 % charge		3.6 h at 3.7 kW (16 A / 230 V)

		BMW 530e xDrive Touring
Driving Dynamics and Safety		
Suspension, front	Double-v	vishbone axle in aluminium construction with separate lower track
		nall steering roll radius, transverse force compensation, anti-dive
Suspension, rear	Five-link	axle in aluminium lightweight construction, dual elastic bearing, air
Dunling fromt		suspension with automatic self-levelling
Brakes, front		Four-piston fixed-calliper disc brakes / vented
Brakes, rear	Ctondoro	Single-piston floating-calliper disc brakes / vented
Driving stability systems		: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC ring Brake Control), DBC (Dynamic Brake Control), Dry Braking
		Fading Compensation, Start-Off Assistant, all-wheel-drive system
	ranotion,	xDrive linked with DSC; optional: Adaptive suspension
Safety equipment	Standard	airbags for driver and front passenger, side airbags for driver and
	front pas	ssenger, head airbags for front and rear seats, three-point inertia-
	reel sea	tbelts on all seats with belt stopper, belt latch tensioner and belt
		miter at the front seats, crash sensors, Tyre Pressure Indicator
Steering		Electromechanical rack-and-pinion power steering (EPS)
0		ith Servotronic function; optional: Integral Active Steering
Steering ratio, overall	:1	16.5
Tyres, front/rear Rims, front/rear		245/45 R18 100Y XL
Rims, front/rear		8J x 18 light-alloy
Transmission		
Type of gearbox		8-speed Steptronic
Gear ratios I	:1	4.714
<u> </u>	:1	3.143
	:1	2.106
	:1	1.667
<u>V</u>	:1	1.285
VIVI	:1 :1	1.000 0.839
VIII	:1	0.667
R	:1	3.317
Final drive	:1	3.231
Performance		
Acceleration 0–100 km/h	S	6.1
Top speed	km/h	225
Top speed electric	km/h	140
Electric range (WLTP)	km	47 – 53
BMW EfficientDynamics		
BMW EfficientDynamics	BMW e	Drive technology, Electric Power Steering, hybrid-specific Auto
standard features	Start St	op function, Optimum Shift Indicator, ECO PRO and COMFORT
	İ	mode with coasting function, Proactive Driving Assistant,
		cientLightweight, optimised aerodynamic attributes, active air flap
		on-demand operation of ancillary units, map-regulated oil pump,
	electric	a/c compressor, efficiency-optimised all-wheel drive, differential
	with ont	imised warm-up behaviour tyres with reduced rolling resistance
	with opt	imised warm-up behaviour, tyres with reduced rolling resistance
Consumption EU cycle	with opt	imised warm-up behaviour, tyres with reduced rolling resistance
Fuel consumption.		,
Fuel consumption. weighted combined (NEDC)	with opt	imised warm-up behaviour, tyres with reduced rolling resistance 2.4 – 2.2
Fuel consumption. weighted combined (NEDC) Fuel consumption.	l/100 km	2.4 – 2.2
Fuel consumption. weighted combined (NEDC) Fuel consumption. weighted combined (WLTP)	l/100 km	2.4 – 2.2 2.2 – 1.8
Fuel consumption. weighted combined (NEDC) Fuel consumption. weighted combined (WLTP) CO ₂ emissions from fuel (NEDC)	l/100 km l/100 km g/km	2.4 – 2.2 2.2 – 1.8 54 – 50
Fuel consumption. weighted combined (NEDC) Fuel consumption. weighted combined (WLTP) CO ₂ emissions from fuel (NEDC) CO ₂ emissions from fuel (WLTP)	l/100 km	2.4 – 2.2 2.2 – 1.8
Fuel consumption. weighted combined (NEDC) Fuel consumption. weighted combined (WLTP) CO ₂ emissions from fuel (NEDC)	l/100 km l/100 km g/km	2.4 - 2.2 2.2 - 1.8 54 - 50 51 - 41
Fuel consumption. weighted combined (NEDC) Fuel consumption. weighted combined (WLTP) CO ₂ emissions from fuel (NEDC) CO ₂ emissions from fuel (WLTP) Electric power consumption	l/100 km l/100 km g/km g/km	2.4 – 2.2 2.2 – 1.8 54 – 50
Fuel consumption. weighted combined (NEDC) Fuel consumption. weighted combined (WLTP) CO ₂ emissions from fuel (NEDC) CO ₂ emissions from fuel (WLTP) Electric power consumption weighted combined (NEDC)	l/100 km l/100 km g/km g/km	2.4 - 2.2 2.2 - 1.8 54 - 50 51 - 41

Fuel consumption, CO_2 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.

¹⁾ Height including roof fin ²⁾ Oil change

BMW 5 Series Touring. 520d.

		BMW 520d Touring
Body		5.15
No of doors/seats		5/5
Length/width/height 1) (unladen)	mm	4963 / 1868 / 1498
Wheelbase	mm	2975
Track, front/rear	mm	1605 / 1630
Ground clearance	mm	140
Turning circle	m	12.0
	orox. I	66
Engine oil 2)		5.5
Weight, unladen, to DIN/EU	kg	1780 / 1855
Max load to DIN	kg	690
Max permissible weight	kg	2470
Max axle load, front/rear	kg	1125 / 1455
Max trailer load,	l.a	2000 / 750
braked (12%)/unbraked	kg	2000 / 750
Max roofload/max towbar download	kg	100 / 90
Luggage comp capacity	<u> </u>	560 – 1700
Air resistance c	Cd x A	0.26 x 2.35
Power Unit		
Config/No of cyls/valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, common-rail direct injection with solenoid injectors (max. injection pressure: 2500 bar)
Effective capacity	CC	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel	- '	Diesel
	W/hp	140 / 190
at .	rpm	4000
Max torque	Nm	400
at		1750 – 2500
48V mild hybrid technology	rpm	1730 - 2300
, , , , , , , , , , , , , , , , , , , ,	W/hp	8/11
Electrical System		
12V battery/installation	Ah/-	90 / luggage compartment
48V battery/installation	Ah/-	11 / engine compartment
40 V Batterym Standton	7417	117 engine comparament
Driving Dynamics and Safety		
Suspension, front		Double-wishbone axle in aluminium construction with separate lower track arm,
		small steering roll radius, transverse force compensation, anti-dive
Suspension, rear		Five-link axle in aluminium lightweight construction, dual elastic bearing, air
		suspension with automatic self-levelling
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, front Brakes, rear		Vented disc brakes, with four-piston fixed callipers Vented disc brakes, with single-piston floating callipers
· · · · · · · · · · · · · · · · · · ·	5	·
Brakes, rear	Ş	Vented disc brakes, with single-piston floating callipers
Brakes, rear	S	Vented disc brakes, with single-piston floating callipers Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
Brakes, rear	5	Vented disc brakes, with single-piston floating callipers Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
Brakes, rear		Vented disc brakes, with single-piston floating callipers Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive suspension, Adaptive Drive Standard: airbags for driver and front passenger, side airbags for driver and
Brakes, rear Driving stability systems		Vented disc brakes, with single-piston floating callipers Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive suspension, Adaptive Drive Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts
Brakes, rear Driving stability systems		Vented disc brakes, with single-piston floating callipers Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive suspension, Adaptive Drive Standard: airbags for driver and front passenger, side airbags for driver and
Brakes, rear Driving stability systems Safety equipment		Vented disc brakes, with single-piston floating callipers Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive suspension, Adaptive Drive Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt stopper, belt tensioner and belt force limiter at the front, crash-active front head restraints, crash sensors, tyre pressure indicator
Brakes, rear Driving stability systems		Vented disc brakes, with single-piston floating callipers Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive suspension, Adaptive Drive Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt stopper, belt tensioner and belt force limiter at the front, crash-active front head restraints, crash sensors, tyre pressure indicator Electric Power Steering (EPS),
Brakes, rear Driving stability systems Safety equipment Steering		Vented disc brakes, with single-piston floating callipers Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive suspension, Adaptive Drive Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt stopper, belt tensioner and belt force limiter at the front, crash-active front head restraints, crash sensors, tyre pressure indicator Electric Power Steering (EPS), optional: Integral Active Steering
Brakes, rear Driving stability systems Safety equipment Steering Steering ratio, overall		Vented disc brakes, with single-piston floating callipers Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive suspension, Adaptive Drive Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt stopper, belt tensioner and belt force limiter at the front, crash-active front head restraints, crash sensors, tyre pressure indicator Electric Power Steering (EPS), optional: Integral Active Steering
Brakes, rear Driving stability systems Safety equipment Steering		Vented disc brakes, with single-piston floating callipers Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive suspension, Adaptive Drive Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt stopper, belt tensioner and belt force limiter at the front, crash-active front head restraints, crash sensors, tyre pressure indicator Electric Power Steering (EPS), optional: Integral Active Steering

			BMW 520d Touring
Transmission			
Type of transmis	ssion		Eight-speed Steptronic transmission
Gear ratios		:1	5,250
		:1	3,360
	III	:1	2.172
	IV	:1	1,720
	V	:1	1.316
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Final drive		:1	2.929
Performance			
Power-to-weight	t ratio (DIN)	kg/kW	12.7
Output per litre	, ,	kW/l	70.2
Acceleration	0–100 km/h	S	7.6
Top speed		km/h	225
DMW Efficient	Dumamiaa		
BMW EfficientDy			Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration
standard features	,		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 Consump	tion ECE		
Urban (NEDC)		l/100 km	5.1 – 4.9
Extra-urban (NEI	DC)	l/100 km	4.2 – 3.9
Combined (NED	C)	l/100 km	4.5 – 4.3
Combined (WLT	P)	l/100 km	5.8 – 5.0
CO ₂ (NEDC)		g/km	119 – 113
CO ₂ (WLTP)		g/km	151 – 132
Emission rating			Euro 6d

¹⁾ Height including roof fin 2) Oil change

BMW 5 Series Touring. 520d xDrive.

		BMW 520d xDrive Touring
Body		
No of doors/seats		5/5
Length/width/height 1) (unladen)	mm	4963 / 1868 / 1498
Wheelbase	mm	2975
Track, front/rear	mm	1605 / 1630
Ground clearance	mm	140
Turning circle	m	12.4
Fuel tank capacity	approx. I	66
Engine oil 2)	арргол. 1	5.5
Weight, unladen, to DIN/EU	kg	
Max load to DIN	kg	690
Max permissible weight	kg	2530
Max axle load, front/rear		1180 / 1455
Max trailer load,	kg	110071400
•	l.a	2000 / 750
braked (12%)/unbraked Max roofload/max towbar downlo	kg	2000 / 750 100 / 90
	ad kg	560 – 1700
Luggage comp capacity		
Air resistance	c _d x A	0.26 x 2.35
Power Unit		
Config/No of cyls/valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, common-rail direct injection with solenoid injectors (max. injection pressure: 2500 bar)
Effective capacity	CC	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	140 / 190
at	rpm	4000
Max torque	Nm	400
at	rpm	1750 – 2500
48V mild hybrid technology	·	
Max output	kW/hp	8/11
Electrical System		
12V battery/installation	Ah/-	90 / luggage compartment
48V battery/installation	Ah/-	11 / engine compartment
10 V Buccory/Infocultation	7 4 17	117 origine comparement
Driving Dynamics and Safety		
Suspension, front		Double-wishbone axle in aluminium construction with separate lower track arm
		small steering roll radius, transverse force compensation, anti-dive
Suspension, rear		Five-link axle in aluminium lightweight construction, dual elastic bearing, air
		suspension with automatic self-levelling
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems	;	Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
		Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
		Fading Compensation, Start-Off Assistant, all-wheel-drive system xDrive linked
		with DSC; optional: Adaptive suspension, Adaptive Drive
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
		front passenger, head airbags front and rear, three-point inertia-reel seatbelts
		on all seats with belt stopper, belt tensioner and belt force limiter at the front,
-		crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS),
		optional: Integral Active Steering
Steering ratio, overall	:1	16.5
Tyres, front/rear		225/55 R17 101Y XL
Rims, front/rear		7.5J x 17 light-alloy

			BMW 520d xDrive Touring
Transmission			511.
Type of transmission	on		Eight-speed Steptronic transmission
Gear ratios		:1	5.250
	II	:1	3.360
	III	:1	2.172
	IV	:1	1.720
	V	:1	1.316
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Final drive		:1	2.929
Performance			
Power-to-weight ra	atio (DIN)	kg/kW	13.1
Output per litre	,	kW/l	70.2
)–100 km/h	S	7.6
Top speed		km/h	222
BMW EfficientDy	,namics		
BMW EfficientDyna			Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration
standard features	arrics	\	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	on FCF		
Urban (NEDC)		l/100 km	5.4 – 5.3
Extra-urban (NEDC	5)	1/100 km	4.3 – 4.2
Combined (NEDC)	,	1/100 km	4.7 – 4.6
Combined (WLTP)		1/100 km	6.0 – 5.3
CO ₂ (NEDC)	•	g/km	124 – 120
CO ₂ (WLTP)		g/km	158 – 139
			100 100

¹⁾ Height including roof fin ²⁾ Oil change

BMW 5 Series Touring. 530d.

		BMW 530d Touring
B		
Body No of doors/seats		5/5
	mm	4963 / 1868 / 1498
Length/width/height 1) (unladen) Wheelbase	mm	2975
	mm	
Track, front/rear	mm	1605 / 1630
Ground clearance	mm	140
Turning circle	m	12.0
Fuel tank capacity	approx. I	66
Engine oil 2)		7.0
Weight, unladen, to DIN/EU	kg	1865 / 1940
Max load to DIN	kg	685
Max permissible weight	kg	2550
Max axle load, front/rear	kg	1210 / 1455
Max trailer load,		
braked (12%)/unbraked	kg	2000 / 750
Max roofload/max towbar downlo		100 / 90
Luggage comp capacity		560 – 1700
Air resistance	c _d x A	0.26 x 2.35
Power Unit		
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	CC	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	210 / 286
at	rpm	4000
Max torque	Nm	650
at	rpm	1500 – 2500
48V mild hybrid technology		
Max output	kW/hp	8/11
Electrical System		
12V battery/installation	Ah/-	90 / luggage compartment
48V battery/installation	Ah/-	11 / engine compartment
40V Battery/installation	7-417	TT7 engine comparation
Driving Dynamics and Safety		
Suspension, front		Double-wishbone axle in aluminium construction with separate lower track arm, small steering roll radius, transverse force compensation, anti-dive
Suspension, rear		Five-link axle in aluminium lightweight construction, dual elastic bearing, air
Casponsion, real		suspension with automatic self-levelling
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
Driving stability systems		Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
		Fading Compensation, Start-Off Assistant; optional: Adaptive suspension,
		Adaptive Drive
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
Curety equipment		front passenger, head airbags front and rear, three-point inertia-reel seatbelts
		on all seats with belt stopper, belt tensioner and belt force limiter at the front,
		crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS),
Closing		optional: Integral Active Steering
Steering ratio, overall	:1	17.0
Tyres, front/rear		225/55 R17 101Y XL
Rims, front/rear		7.5J x 17 light-alloy
raino, nontrea		7.30 X 17 light-alloy

			BMW 530d Touring
Transmission			
Type of transmis	sion		Eight-speed Steptronic transmission
Gear ratios		:1	5,500
aca: ratios	 	:1	3.520
		:1	2,200
	IV	:1	1.720
	V	:1	1.317
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.993
Final drive		:1	2.471
Performance			
Power-to-weight	t ratio (DIN)	kg/kW	8.9
Output per litre	,	kW/l	70.2
Acceleration	0-100 km/h	S	5.7
Top speed		km/h	250
BMW Efficient	Dynamics		
BMW EfficientDy standard features	,		Alid hybrid technology with 48V starter-generator, Brake Energy Regeneration vith 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 Consump	tion FCF		
Urban (NEDC)		l/100 km	6.1 – 5.9
Extra-urban (NEI	C)	1/100 km	4.2 – 4.0
Combined (NED	<u>'</u>	1/100 km	4.9 – 4.7
Combined (WLT		1/100 km	6.0 - 5.4
CO ₂ (NEDC)	• ,	g/km	129 – 124
002 (14200)			<u> </u>
CO ₂ (WLTP)		g/km	158 – 142

¹⁾ Height including roof fin 2) Oil change

BMW 5 Series Touring. 530d xDrive.

		DMW 500d - Daine Termine	
		BMW 530d xDrive Touring	
Body			
No of doors/seats		5/5	
Length/width/height 1) (unladen)	mm	4963 / 1868 / 1498	
Wheelbase	mm	2975	
Track, front/rear	mm	1605 / 1630	
Ground clearance	mm	140	
Turning circle	m	12.4	
	prox. I	66	
Engine oil 2)		7.0	
Weight, unladen, to DIN/EU	kg	1925 / 2000	
Max load to DIN	kg	685	
Max permissible weight	kg	2610	
Max axle load, front/rear	kg	1260 / 1455	
Max trailer load.	9	12007 1 100	
braked (12%)/unbraked	kg	2000 / 750	
Max roofload/max towbar download	kg	100 / 90	
Luggage comp capacity	I	560 – 1700	
Air resistance	c _d x A	0.26 x 2.35	
All resistance	CaxA	0.20 X 2.33	
Power Unit			
Config/No of cyls/valves		In-line / 6 / 4	
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, low-pressure	
Engine toormology		turbocharger with variable inlet geometry, common-rail direct injection with	
		piezo injectors (max. injection pressure: 2700 bar)	
Effective capacity	CC	2993	
Stroke/bore	mm	90.0 / 84.0	
Compression ratio	:1	16.5	
Fuel		Diesel	
	kW/hp	210 / 286	
at	rpm	4000	
Max torque	Nm	650	
at	rpm	1500 – 2500	
48V mild hybrid technology	ιριιι	1000 2000	
	kW/hp	8/11	
Than Salpat	р	<u> </u>	
Electrical System			
12V battery/installation	Ah/-	90 / luggage compartment	
48V battery/installation	Ah/-	11 / engine compartment	
		- σ	
Driving Dynamics and Safety			
Suspension, front	[Double-wishbone axle in aluminium construction with separate lower track arm	
		small steering roll radius, transverse force compensation, anti-dive	
Suspension, rear		Five-link axle in aluminium lightweight construction, dual elastic bearing, air	
		suspension with automatic self-levelling	
Brakes, front		Vented disc brakes, with four-piston fixed callipers	
Brakes, rear		Vented disc brakes, with single-piston floating callipers	
Driving stability systems	(Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering	
	Brake Control), DBC (Dynamic Brake Control), Dry Braking function,		
	1	Fading Compensation, Start-Off Assistant, all-wheel-drive system xDrive linked	
		with DSC; optional: Adaptive suspension, Adaptive Drive	
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and	
		front passenger, head airbags front and rear, three-point inertia-reel seatbelts	
		on all seats with belt stopper, belt tensioner and belt force limiter at the front,	
		crash-active front head restraints, crash sensors, tyre pressure indicator	
Steering		Electric Power Steering (EPS),	
		optional: Integral Active Steering	
		16.5	
Steering ratio, overall	:1	16.5	
Steering ratio, overall Tyres, front/rear	:1	16.5 225/55 R17 101Y XL	

Transmission Type of transmission Eight-speed Steptronic transmission Gear ratios 1	Type of transmission	
Type of transmission	Type of transmission Eight-speed Steptronic transmission Gear ratios I :1 5.500 II :1 3.520 IIII :1 2.200 IV :1 1.720 V :1 1.317 VI :1 1.000 VII :1 0.640 R :1 3.993 Final drive :1 2.471 Performance Power-to-weight ratio (DIN) kg/kW 9.2 Output per litre kW/I 70.2 Acceleration 0-100 km/h s 5.6 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics Mild hybrid technology with 48V starter-generator, Brake Energy	
1	Sear ratios	
:1 3.520	II	
III	III	
N	IV :1 1.720	
V	V :1 1.317 VI :1 1.000 VII :1 0.823 VIII :1 0.640 R :1 3.993 Final drive :1 2.471 Performance Power-to-weight ratio (DIN) kg/kW 9.2 Output per litre kW/I 70.2 Acceleration 0-100 km/h s 5.6 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics Mild hybrid technology with 48V starter-generator, Brake Energy	
VI :1 1.000 VII :1 0.823 VIII :1 0.640 R :1 3.993 Tinal drive :1 2.471 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 Electric Power Steering, Brake Energy Regeneration 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, 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 warmup behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter Fuel Consumption ECE Urban (NEDC) V100 km 6.5 – 6.4 Extra-urban (NEDC) V100 km 5.2 – 5.1 Combined (NEDC) V100 km 5.2 – 5.1 Combined (NEDC) g/km 137 – 133 CO ₂ (WLTP) g/km 170 – 151	VI 1 1,000	
VII :1 0.823 VIII :1 0.640 R :1 3.993 Final drive :1 2.471 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 Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration 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	VII :1 0.823 VIII :1 0.640 R :1 3.993 Final drive :1 2.471 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 Mild hybrid technology with 48V starter-generator, Brake Energy	
VIII :1 0.640 R :1 3.993 Final drive :1 2.471 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 Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration standard features 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	VIII :1 0.640 R :1 3.993 Final drive :1 2.471 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 Mild hybrid technology with 48V starter-generator, Brake Energy	
Final drive	R :1 3.993 Final drive :1 2.471 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 Mild hybrid technology with 48V starter-generator, Brake Energy	
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 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics 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 ECE Urban (NEDC) I/100 km 6.5 – 6.4 Extra-urban (NEDC) I/100 km 4.5 – 4.3 Combined (NEDC) I/100 km 5.2 – 5.1 Combined (WLTP) I/100 km 6.5 – 5.8 CO ₂ (NEDC) g/km 137 – 133 CO ₂ (WLTP) g/km 170 – 151	Performance 2.471 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 Mild hybrid technology with 48V starter-generator, Brake Energy	
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 BMW EfficientDynamics BMW EfficientDynamics 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 ECE Urban (NEDC) I/100 km 6.5 – 6.4 Extra-urban (NEDC) I/100 km 4.5 – 4.3 Combined (NEDC) I/100 km 5.2 – 5.1 Combined (WLTP) I/100 km 6.5 – 5.8 CO ₂ (NEDC) g/km 137 – 133 CO ₂ (WLTP) g/km 170 – 151	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 Mild hybrid technology with 48V starter-generator, Brake Energy	
Power-to-weight ratio (DIN) kg/kW 9.2	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 Mild hybrid technology with 48V starter-generator, Brake Energy	
Output per litre kW/l 70.2 Acceleration 0–100 km/h s 5.6 Top speed km/h 250 BMW EfficientDynamics 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 ECE Urban (NEDC)	Output per litre kW/l 70.2 Acceleration 0-100 km/h s 5.6 Top speed km/h 250 BMW EfficientDynamics Mild hybrid technology with 48V starter-generator, Brake Energy	
Output per litre kW/I 70.2 Acceleration 0-100 km/h s 5.6 Top speed km/h 250 BMW EfficientDynamics Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration 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 ECE Urban (NEDC) I/100 km 6.5 – 6.4 Extra-urban (NEDC) I/100 km 4.5 – 4.3 Combined (NEDC) I/100 km 5.2 – 5.1 Combined (WLTP) I/100 km 6.5 – 5.8 CO ₂ (NEDC) g/km 137 – 133 CO ₂ (WLTP) g/km 170 – 151	Output per litre kW/l 70.2 Acceleration 0-100 km/h s 5.6 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics Mild hybrid technology with 48V starter-generator, Brake Energy	
Acceleration 0–100 km/h s 5.6 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration vith 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 ECE Urban (NEDC) Urban (NEDC) V100 km 6.5 – 6.4 Extra-urban (NEDC) V1100 km 4.5 – 4.3 Combined (NEDC) V1100 km 5.2 – 5.1 Combined (WLTP) V100 km 6.5 – 5.8 CO ₂ (NEDC) g/km 137 – 133 CO ₂ (WLTP) g/km 170 – 151	Acceleration 0–100 km/h s 5.6 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics Mild hybrid technology with 48V starter-generator, Brake Energy	
BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration of Developing 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 ECE Urban (NEDC) Urban (NEDC) Urbon km 6.5 – 6.4 Extra-urban (NEDC) Urbon km 4.5 – 4.3 Combined (NEDC) Urbon km 5.2 – 5.1 Combined (WLTP) Urbon km 6.5 – 5.8 CO ₂ (NEDC) g/km 137 – 133 CO ₂ (WLTP) g/km 170 – 151	BMW EfficientDynamics BMW EfficientDynamics Mild hybrid technology with 48V starter-generator, Brake Energy	
BMW EfficientDynamics standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration 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 ECE Urban (NEDC) Urban (NEDC) Urbon km 6.5 – 6.4 Extra-urban (NEDC) Urbon km 4.5 – 4.3 Combined (NEDC) Urbon km 5.2 – 5.1 Combined (WLTP) Urbon km 6.5 – 5.8 CO ₂ (NEDC) g/km 137 – 133 CO ₂ (WLTP) g/km 170 – 151	BMW EfficientDynamics Mild hybrid technology with 48V starter-generator, Brake Energy	
BMW EfficientDynamics standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration 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 ECE Urban (NEDC) Urban (NEDC) Urbon km 6.5 – 6.4 Extra-urban (NEDC) Urbon km 4.5 – 4.3 Combined (NEDC) Urbon km 5.2 – 5.1 Combined (WLTP) Urbon km 6.5 – 5.8 CO ₂ (NEDC) g/km 137 – 133 CO ₂ (WLTP) g/km 170 – 151	BMW EfficientDynamics Mild hybrid technology with 48V starter-generator, Brake Energy	
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 ECE	, , , , , , , , , , , , , , , , , , , ,	ray Pogoporatio
Urban (NEDC) I/100 km 6.5 – 6.4 Extra-urban (NEDC) I/100 km 4.5 – 4.3 Combined (NEDC) I/100 km 5.2 – 5.1 Combined (WLTP) I/100 km 6.5 – 5.8 CO ₂ (NEDC) g/km 137 – 133 CO ₂ (WLTP) g/km 170 – 151	mode with coasting function, Proactive Driving Assistant, O Indicator, Electric Power Steering, BMW EfficientLightweigl aerodynamic attributes, active air flap control, on-demand of ancillary units, map-regulated oil pump, efficiency-optimised differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance	and COMFOR optimum Shift tht, optimised d operation d all-wheel drive
Urban (NEDC) I/100 km 6.5 – 6.4 Extra-urban (NEDC) I/100 km 4.5 – 4.3 Combined (NEDC) I/100 km 5.2 – 5.1 Combined (WLTP) I/100 km 6.5 – 5.8 CO ₂ (NEDC) g/km 137 – 133 CO ₂ (WLTP) g/km 170 – 151	Fuel Consumption ECE	
Extra-urban (NEDC) I/100 km 4.5 – 4.3 Combined (NEDC) I/100 km 5.2 – 5.1 Combined (WLTP) I/100 km 6.5 – 5.8 CO ₂ (NEDC) g/km 137 – 133 CO ₂ (WLTP) g/km 170 – 151		
Combined (NEDC) I/100 km 5.2 - 5.1 Combined (WLTP) I/100 km 6.5 - 5.8 CO ₂ (NEDC) g/km 137 - 133 CO ₂ (WLTP) g/km 170 - 151		
Combined (WLTP) I/100 km 6.5 – 5.8 CO ₂ (NEDC) g/km 137 – 133 CO ₂ (WLTP) g/km 170 – 151		
CO2 (NEDC) g/km 137 – 133 CO2 (WLTP) g/km 170 – 151		
CO ₂ (WLTP) g/km 170 – 151		
9	9	
	9	

¹⁾ Height including roof fin ²⁾ Oil change

BMW 5 Series Touring. 540d xDrive.

Steering ratio, overall
Tyres, front/rear
Rims, front/rear

		BMW 540d xDrive Touring
Body		
No of doors/seats		5/5
Length/width/height 1) (unladen)	mm	4963 / 1868 / 1498
Wheelbase	mm	2975
Track, front/rear	mm	1605 / 1630
Ground clearance	mm	140
Turning circle	m	12.4
	pprox. l	66
Engine oil 2)	pprox. i	7.0
Weight, unladen, to DIN/EU	kg	1925 / 2000
Max load to DIN	kg	690
Max permissible weight	kg	2615
Max axle load, front/rear	kg	1270 / 1455
Max trailer load,	кy	12707 1433
braked (12%)/unbraked	kg	2000 / 750
Max roofload/max towbar download		100 / 90
Luggage comp capacity	l Rg	560 – 1700
Air resistance	c _d x A	0.26 x 2.35
All Tesistance	CaxA	0.20 × 2.33
Power Unit		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology	В	MW TwinPower Turbo technology: multi-stage turbocharging, high- and low-
		pressure turbochargers with variable intake geometry, common-rail direct
		injection with piezo injectors (max. injection pressure: 2700 bar)
Effective capacity	CC	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	250 / 340
at	rpm	4400
Max torque	Nm	700
at	rpm	1750 – 2250
48V mild hybrid technology		
Max output	kW/hp	8/11
Electrical System		
12V battery/installation	Ah/-	90 / luggage compartment
48V battery/installation	Ah/–	11 / engine compartment
-	7 4 17	TT ongine compartment
Driving Dynamics and Safety		
Suspension, front	D	ouble-wishbone axle in aluminium construction with separate lower track arm
		small steering roll radius, transverse force compensation, anti-dive
Suspension, rear		Five-link axle in aluminium lightweight construction, dual elastic bearing, air suspension with automatic 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	S	tandard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
2g cta2ty cyctoc	Ū	Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
	F	ading Compensation, Start-Off Assistant, all-wheel-drive system xDrive linked
		with DSC; optional: Adaptive suspension, Adaptive Drive
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
y - 11-11	1	front passenger, head airbags front and rear, three-point inertia-reel seatbelts
		on all seats with belt stopper, belt tensioner and belt force limiter at the front,
		crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS),
Ŭ		optional: Integral Active Steering
Steering ratio, overall	:1	16.5

225/55 R17 101Y XL 7.5J x 17 light-alloy

			BMW 540d xDrive Touring
Transmission			
Type of transmi	ission		Eight-speed Steptronic transmission
Gear ratios	l	:1	5.500
	<u>II</u>	:1	3.520
	III	:1	2.200
	IV	:1	1.720
	V	:1	1.317
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.993
Final drive		:1	2.563
Performance			
Power-to-weigh	ht ratio (DIN)	kg/kW	7.7
Output per litre		kW/l	83.5
Acceleration	0–100 km/h	S	4.8
Top speed		km/h	250
BMW Efficien	tDvnamice		
BMW Efficient		N	Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration
standard feature	,	(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 Consum	ntion ECE		
Fuel Consump Urban (NEDC)	puon ECE	l/100 km	6.8 - 6.6
Extra-urban (NE	=DC)	1/100 km	4.7 – 4.5
Combined (NEI		1/100 km	4.7 – 4.5 5.4 – 5.3
Combined (WL		1/100 km	5.4 - 5.3 6.6 - 5.8
	IFJ		
CO ₂ (NEDC)		g/km	172 – 153
CO ₂ (WLTP)		g/km	
Emission rating			Euro 6d

¹⁾ Height including roof fin ²⁾ Oil change