Technical specifications. The new BMW 5 Series Touring. 520i.



		BMW 520i 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	12.0
Fuel tank capacity app	orox. I	68
Engine oil 2)	- 1	5.25
Weight, unladen, to DIN/EU	kg	1715 / 1790
Max load to DIN	kg	695
Max permissible weight	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		560 – 1700
		0.27 x 2.35
Air resistance	JdXA	0.27 X 2.55
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	СС	1998
Stroke/bore		94.6 / 82.0
	 1:	11.0
Compression ratio		-
Fuel	A //L	Min. RON 91
·	W/hp	135/184
at	rpm	5000 - 6500
Max torque	Nm	290
at	rpm	1350 – 4250
48V mild hybrid technology		
Max output k	W/hp	8/11
Electrical System		
12V battery/installation	Ah/-	90 / luggage compartment
48V battery/installation	Ah/-	11 / engine compartment
	7-417	
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
Driving stability systems	```	Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
		Fading Compensation, Start-Off Assistant; optional: Adaptive suspension,
		Adaptive Drive
Cofety againment		Standard: airbags for driver and front passenger, side airbags for driver and
Safety 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),
<u></u>		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

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			BMW 520i Touring
Transmission			
Type of transmissi	on		Eight-speed Steptronic transmission
Gear ratios	I	:1	5.250
		:1	3.360
		: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 r	atio (DIN)	kg/kW	12.7
Output per litre		kW/l	67.6
Acceleration ()–100 km/h	S	8.3
Top speed		km/h	225
BMW EfficientD	vnamics		
BMW EfficientDyn	amics	Milo	I hybrid technology with 48V starter-generator, Brake Energy Regeneration
standard features		with r	n recuperation display, Auto Start Stop function, ECO PRO and COMFOR node with coasting function, Proactive Driving Assistant, Optimum Shift ndicator, 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 E	ECE		
Urban	l/100 km	7.0 – 6.7	
Extra-urban	l/100 km	5.0 - 4.8	
Combined	l/100 km	5.7 – 5.5	
CO ₂	g/km	131 – 126	
Emission rating		Euro 6d	

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

¹⁾ Height including roof fin ²⁾ Oil change

The values are based on the new WLTP test cycle and are translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO₂ emissions, the CO₂ values may differ from the values stated here (depending on national legislation).

The new BMW 5 Series Touring. 530i.

		BMW 530i Touring
Body		
No of doors/seats		5/5
Length/width/height ¹⁾ (unladen)	mm	4963 / 1868 / 1498
Wheelbase	mm	2975
Track, front/rear		1605 / 1630
	mm	140
Ground clearance	mm	
Turning circle	m	12.0
	approx. I	68
Engine oil ²⁾	I	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 downloa	id kg	100 / 90
Luggage comp capacity	1	560 - 1700
Air resistance	c _d x A	0.27 x 2.35
Power Unit		In-line / 4 / 4
Config/No of cyls/valves		
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		1450 - 4800
48V mild hybrid technology	rpm	1450 - 4800
Max output	kW/hp	8/11
Electrical System		
12V battery/installation	Ah/–	90 / luggage compartment
48V battery/installation	Ah/-	11 / engine compartment
		Ŭ I
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
0 , ,		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
2 - 11-11 17		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),
otooning		optional: Integral Active Steering
Steering ratio overall	:1	17.0
Steering ratio, overall	. 1	
Tyres, front/rear Rims, front/rear		225/55 R17 101Y XL 7.5J x 17 light-alloy

			BMW 530i Touring
Transmission			
Type of transmis	ssion		Eight-speed Steptronic transmission
Gear ratios		:1	5.250
		:1	3.360
		: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-weigh	t ratio (DIN)	kg/kW	9.4
Output per litre	· ·	kW/I	92.6
Acceleration	0–100 km/h	S	6.7
Top speed		km/h	250
BMW Efficient	Dynamics		
BMW EfficientD	ynamics	Mil	d hybrid technology with 48V starter-generator, Brake Energy Regeneratio
standard feature			h recuperation display, Auto Start Stop function, ECO PRO and COMFOR 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 E	CE		
Urban	l/100 km	7.0 - 6.8	
Extra-urban	l/100 km	5.1 – 4.8	
Combined	l/100 km	5.8 - 5.6	
CO ₂	g/km	133 – 127	
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

The fuel consumption, CO₂ emissions and electric power consumption figures were determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

The new BMW 5 Series Touring. 530i xDrive.

		BMW 530i xDrive Touring
Body No of doors/seats		5/5
Length/width/height 1) (unladen)		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)	<u> </u>	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,		
braked (12%)/unbraked	kg	2000 / 750
Max roofload/max towbar downl	oad kg	100 / 90
Luggage comp capacity		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
		1450 – 4800
at 48V mild hybrid technology	rpm	1450 - 4600
Max output	kW/hp	8/11
		0,11
Electrical System		
12V battery/installation	Ah/–	90 / luggage compartment
48V battery/installation	Ah/–	11 / engine compartment
Driving Dynamics and Safet		
	-	auble wichbang ave in aluminium construction with constrate lower track arm
Suspension, front	L	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
		suspension with dutornatic sen revening
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, front Brakes, rear		
	S	Vented disc brakes, with four-piston fixed callipers
Brakes, rear	S	Vented disc brakes, with four-piston fixed callipers Vented disc brakes, with single-piston floating callipers
Brakes, rear		Vented disc brakes, with four-piston fixed callipers Vented disc brakes, with single-piston floating callipers tandard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
Brakes, rear		Vented disc brakes, with four-piston fixed callipers Vented disc brakes, with single-piston floating callipers tandard: 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 four-piston fixed callipers Vented disc brakes, with single-piston floating callipers tandard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, ading Compensation, Start-Off Assistant, all-wheel-drive system xDrive linked
Brakes, rear Driving stability systems	F	Vented disc brakes, with four-piston fixed callipers Vented disc brakes, with single-piston floating callipers tandard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, ading Compensation, Start-Off Assistant, all-wheel-drive system xDrive linked with DSC; optional: Adaptive suspension, Adaptive Drive
Brakes, rear Driving stability systems	F	Vented disc brakes, with four-piston fixed callipers Vented disc brakes, with single-piston floating callipers tandard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, ading Compensation, Start-Off Assistant, all-wheel-drive system xDrive linked with DSC; optional: Adaptive suspension, Adaptive Drive Standard: airbags for driver and front passenger, side airbags for driver and
Brakes, rear Driving stability systems	F	Vented disc brakes, with four-piston fixed callipers Vented disc brakes, with single-piston floating callipers tandard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, ading Compensation, Start-Off Assistant, all-wheel-drive system xDrive linked with DSC; 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	F	Vented disc brakes, with four-piston fixed callipers Vented disc brakes, with single-piston floating callipers tandard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, ading Compensation, Start-Off Assistant, all-wheel-drive system xDrive linked with DSC; 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,
Brakes, rear Driving stability systems Safety equipment	F	Vented disc brakes, with four-piston fixed callipers Vented disc brakes, with single-piston floating callipers tandard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, ading Compensation, Start-Off Assistant, all-wheel-drive system xDrive linked with DSC; 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 Safety equipment	F	Vented disc brakes, with four-piston fixed callipers Vented disc brakes, with single-piston floating callipers tandard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, ading Compensation, Start-Off Assistant, all-wheel-drive system xDrive linked with DSC; 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	F	Vented disc brakes, with four-piston fixed callipers Vented disc brakes, with single-piston floating callipers tandard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, ading Compensation, Start-Off Assistant, all-wheel-drive system xDrive linked with DSC; 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 530i xDrive Touring
Transmission			
Type of transmi	ission		Eight-speed Steptronic transmission
Gear ratios		:1	5.250
		:1	3.360
		: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-weigh	nt ratio (DIN)	kg/kW	9.7
Output per litre		kW/I	92.6
Acceleration	0–100 km/h	S	6.6
Top speed		km/h	250
BMW Efficient	tDynamics		
BMW EfficientD	<i>,</i>	W	lild hybrid technology with 48V starter-generator, Brake Energy Regeneratio ith recuperation display, Auto Start Stop function, ECO PRO and COMFOR 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 f ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drive differential with optimised warm-up behaviour, tyres with reduced rolling resistance
Fuel Consump	ption ECE		
Urban		l/100 km	7.9 - 7.6

Fuel Consumption E	CE CE		
Urban	l/100 km	7.9 – 7.6	
Extra-urban	l/100 km	5.6 - 5.4	
Combined	l/100 km	6.4 - 6.2	
CO ₂	g/km	147 – 142	
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

The new BMW 5 Series Touring. 540i xDrive.

		BMW 540i 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)		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,		0000 / 750		
braked (12%)/unbraked	kg	2000 / 750		
Max roofload/max towbar down	load kg	100/90		
Luggage comp capacity	I	560 – 1700		
Air resistance	c _d x A	0.27 x 2.35		
Power Unit				
Config/No of cyls/valves		In-line / 6 / 4		
Engine technology	E	BMW TwinPower Turbo technology: twin-scroll turbocharger, High Precision		
	h	njection, 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		
	141//bm	245/333		
Max output	kW/hp	5500 - 6250		
at May targua	rpm			
Max torque	Nm	450		
at 40) / spilel by byiel to a by a large	rpm	1600 – 4800		
48V mild hybrid technology	44//60	0/11		
Max output	kW/hp	8/11		
Electrical System				
12V battery/installation	Ah/–	90 / luggage compartment		
48V battery/installation	Ah/-	11 / engine compartment		
Driving Dynamics and Safet	ty			
Suspension, front	Do	puble-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	St	andard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering		
6 , , ,		Brake Control), DBC (Dynamic Brake Control), Dry Braking function,		
	Fa	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		
	fr	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		

			BMW 540i xDrive Touring
Transmission			
Type of transmi	ssion		Eight-speed Steptronic transmission
Gear ratios		:1	5.250
		:1	3.360
		: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-weigh	nt 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 standard feature	<i>.</i>	witl	d hybrid technology with 48V starter-generator, Brake Energy Regeneration n recuperation display, Auto Start Stop function, ECO PRO and COMFOR 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 ancillary units, map-regulated oil pump, efficiency-optimised all-wheel driv differential with optimised warm-up behaviour, tyres with reduced rolling resistance
Fuel Consump	otion ECE		
Urban		l/100 km	9.2 - 9.1

Fuel Consumption Ex	JE		
Urban	l/100 km	9.2 – 9.1	
Extra-urban	l/100 km	6.0 - 5.8	
Combined	l/100 km	7.2 – 7.0	
CO ₂	g/km	164 – 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 fin
²⁾ Oil change

The values are based on the new WLTP test cycle and are translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO₂ emissions, the CO₂ values may differ from the values stated here (depending on national legislation).

The new BMW 5 Series Touring. 530e.

		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
· · ·		46
Tank capacity	approx. ltr	5.25
Engine oil 2)	ltr	
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	
braked (12%)/unbraked		1700 / 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
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	l) kg/kW	8.8
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		94.6 / 82.0
	mm	
Compression ratio	:1	11.0
Fuel		min RON 91
Output	kW/hp	135 / 184
at	rpm	5000 - 6500
Torque	Nm	300
at	rpm	1350 – 4000
Output per litre	kW/I	67.6
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		Rate Company and Annual Control (Control of Control of
Storage technology / installation		lithium-ion / underneath rear seat
	V	354
Voltage		
Capacity (gross) Charging time for 100 % charge	kWh	12.0 3.6 h at 3.7 kW (16 A / 230 V)

			BMW 530e Touring	
Driving Dynamics an	d Safety			
Suspension, front	u Galety	Doub	le-wishbone axle in aluminium construction with separate lower track	
			, small steering roll radius, transverse force compensation, anti-dive	
Suspension, rear			ink axle in aluminium lightweight construction, dual elastic bearing, ai	
ousponsion, rou		11001	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 system:	s	Stand	dard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC	
Dinning otdonicy of otoria			prnering Brake Control), DBC (Dynamic Brake Control), Dry Braking	
		function, Fading Compensation, Start-Off Assistant; optional: Adaptive		
			suspension	
Safety equipment		Stand	lard: airbags for driver and front passenger, side airbags for driver and	
5 1 1			passenger, head airbags for front and rear seats, three-point inertia-	
			seatbelts on all seats with belt stopper, belt latch tensioner and belt	
		for	ce 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	
,			<u> </u>	
Transmission				
Type of gearbox			8-speed Steptronic	
Gear ratios	1	:1	4.714	
	Ш	: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				
) km/h	S	6.1	
Top speed		km/h	225	
Top speed electric		km/h	140	
Electric range (WLTP)		km	52 - 57	
• • •	_			
BMW EfficientDynan				
BMW EfficientDynamic	S		W eDrive technology, Electric Power Steering, hybrid-specific Auto	
standard features		Star	t Stop function, Optimum Shift Indicator, ECO PRO and COMFORT	
			mode with coasting function, Proactive Driving Assistant,	
			EfficientLightweight, optimised aerodynamic attributes, active air fla	
			rol, on-demand operation of ancillary units, map-regulated oil pump,	
		elec	ctric a/c compressor, differential with optimised warm-up behaviour,	
			tyres with reduced rolling resistance	

Fuel consumption EU cyc	le	
Combined	ltr/100 km	2.0 - 1.8
CO ₂ emissions from fuel	g/km	46 - 42
Power consumption comb.	kWh/100 km	16.1 – 15.4
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

The fuel consumption, CO₂ emissions and electric power consumption figures were determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

The new BMW 5 Series Touring. 530e xDrive.

		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
Tank capacity	approx. ltr	46
Engine oil 2)	approx. Iti	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	
braked (12%)/unbraked		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
Drive system		
Drive concept		Full-hybrid drive, drive torque from combustion engine or electric motor 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)) kg/kW	9.1
Combustion Engine		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: twin scroll turbocharger,
Engine technology		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	135 / 184
at	rpm	5000 – 6500
Torque	Nm	300
at	rpm	1350 – 4000
Output per litre	kW/I	67.6
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	1/1/1	3.6 h at 3.7 kW (16 A / 230 V)

			BMW 530e xDrive Touring
Driving Dynamics an	d Safety		
Suspension, front	ubalety	D	puble-wishbone axle in aluminium construction with separate lower track
			arm, small steering roll radius, transverse force compensation, anti-dive
Suspension, rear			ve-link axle in aluminium lightweight construction, dual elastic bearing, ai
,,			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	3	S	tandard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC
			(Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking
		fu	nction, Fading Compensation, Start-Off Assistant, all-wheel-drive system
			xDrive linked with DSC; optional: Adaptive suspension
Safety equipment		St	andard: airbags for driver and front passenger, side airbags for driver and
		fr	ont passenger, head airbags for front and rear seats, three-point inertia-
		1	eel 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	16.5
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		: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	48 – 53
BMW EfficientDynam	nics		
BMW EfficientDvnamic			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,
		BI	/W EfficientLightweight, optimised aerodynamic attributes, active air fla
			control, on-demand operation of ancillary units, map-regulated oil pump,
			electric a/c compressor, efficiency-optimised all-wheel drive, differential
		١	vith optimised warm-up behaviour, tyres with reduced rolling resistance
Fuel consumption El	J cycle		
Combined	,	ltr/100 km	2.4 – 2.2

Fuel consumption Lo cyci		
Combined	ltr/100 km	2.4 – 2.2
CO ₂ emissions from fuel	g/km	54 – 50
Power consumption comb.	kWh/100 km	16.7 – 16.1
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

The fuel consumption, CO₂ emissions and electric power consumption figures were determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

The new BMW 5 Series Touring. 520d.

	BMW 520d Touring		
Body			
No of doors/seats	5/5		
Length/width/height ¹⁾ (unladen) m			
Wheelbase m			
Track, front/rear m	m 1605 / 1630		
Ground clearance m	m 140		
Turning circle	m 12.0		
Fuel tank capacity approx	I 66		
Engine oil 2)	l 5.5		
Weight, unladen, to DIN/EU	kg 1780 / 1855		
Max load to DIN	(g 690		
	cg 2470		
	g 1125/1455		
Max trailer load,			
	g 2000 / 750		
	g 100 / 90		
Luggage comp capacity	I 560 – 1700		
Air resistance cd x			
	A 0.20 % 2.33		
Power Unit			
Config/No of cyls/valves	In-line / 4 / 4		
Engine technology	BMW TwinPower Turbo technology: multi-stage turbocharging, common-rail		
Engine teermology	direct injection with solenoid injectors (max. injection pressure: 2500 bar)		
Effective capacity			
Stroke/bore m			
	:1 16.5		
Fuel	Diesel		
at rp			
Max torque N			
at rp	m 1750 – 2500		
48V mild hybrid technology	0/44		
Max output kW/ł	np 8/11		
Electrical System			
12V battery/installation Ah	/- 90 / luggage compartment		
48V battery/installation Ah			
46V Dattery/Installation Al	I– 11 / engine compartment		
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, 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		
	Brake Control), DBC (Dynamic Brake Control), Dry Braking function,		
	Fading Compensation, Start-Off Assistant; optional: Adaptive suspension,		
0.6.1	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		
	:1 17.0		
Tyres, front/rear	225/55 R17 101Y XL		
Rims, front/rear	7.5J x 17 light-alloy		

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		BMW 520d Touring	
Transmission			
Type of transm	nission		Eight-speed Steptronic transmission
Gear ratios		:1	5.250
	II	:1	3.360
		: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-weig	ht ratio (DIN)	kg/kW	12.7
Output per litre	Э	kW/l	70.2
Acceleration	0–100 km/h	S	7.6
Top speed		km/h	225
BMW Efficier	ntDynamics		
BMW EfficientDynamics standard features			Id hybrid technology with 48V starter-generator, Brake Energy Regeneration th recuperation display, Auto Start Stop function, ECO PRO and COMFOR ⁻ 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 E	CE		
Urban	l/100 km	5.1 – 4.9	
Extra-urban	l/100 km	4.2 - 3.9	
Combined	l/100 km	4.5 - 4.3	
CO ₂	g/km	119 – 113	
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

The new 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
*	approx. I	66
	1, <u>101,11</u>	5.5
Weight, unladen, to DIN/EU	kg	1840 / 1915
Max load to DIN	kg	690
Max permissible weight	kg	2530
Max axle load, front/rear	kg	1180 / 1455
Max trailer load,	g	
braked (12%)/unbraked	kg	2000 / 750
Max roofload/max towbar download		100 / 90
Luggage comp capacity	<u> </u>	560 - 1700
Air resistance	Cd X A	
Power Unit		
Config/No of cyls/valves		
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
		<u> </u>
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
Driving otdomity offotorino		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
2 THE R T		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
	:1	
Steering ratio, overall	:1	16.5 225/55 R17 101Y XL

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			BMW 520d xDrive Touring
Transmission			
Type of transmis	sion		Eight-speed Steptronic transmission
Gear ratios		:1	5.250
		:1	3.360
		: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	ratio (DIN)	kg/kW	13.1
Output per litre		kW/I	70.2
Acceleration	0–100 km/h	S	7.6
Top speed		km/h	222
BMW Efficient	Dynamics		
BMW EfficientDy	/namics	N	lild hybrid technology with 48V starter-generator, Brake Energy Regeneratic
standard features	6	W	ith recuperation display, Auto Start Stop function, ECO PRO and COMFOR 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 l/100 km 5.4 - 5.3 Extra-urban l/100 km 4.3 - 4.2 Combined l/100 km 4.7 – 4.6 CO₂ g/km 124 - 120 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

The new BMW 5 Series Touring. 530d.

		BMW 530d 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		12.0
	m	66
	approx. I	7.0
Engine oil 2)		1865 / 1940
Weight, unladen, to DIN/EU	kg	
Max load to DIN	kg	685
Max permissible weight	kg	2550
Max axle load, front/rear	kg	1210 / 1455
Max trailer load,		0000 / 750
braked (12%)/unbraked	kg	2000 / 750
Max roofload/max towbar downloa		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		1000 2000
Max output	kW/hp	8/11
Electrical System		
12V battery/installation	Ah/-	90 / luggage compartment
48V battery/installation	Ah/-	11 / engine compartment
40V Dattery/installation	<u></u>	
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	ç	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
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
		Electric Power Steering (EPS),
Steering		
Steering		optional: Integral Active Steering
Steering Steering ratio, overall	:1	optional: Integral Active Steering 17.0
	:1	

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			BMW 530d Touring	
Transmissior	1			
Type of transm	nission	Eight-speed Steptronic transmission		
Gear ratios		:1	5.500	
		: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-weig	ht ratio (DIN)	kg/kW	8.9	
Output per litre	9	kW/I	70.2	
Acceleration	0–100 km/h	S	5.7	
Top speed		km/h	250	
BMW Efficier	ntDynamics			
BMW Efficient	Dynamics	Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration		
standard features		with recuperation display, Auto Start Stop function, ECO PRO and COMFOR 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 E	CE		
Urban	l/100 km	6.1 – 5.9	
Extra-urban	l/100 km	4.2 - 4.0	
Combined	l/100 km	4.9 - 4.7	
CO ₂	g/km	129 – 124	
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

The fuel consumption, CO₂ emissions and electric power consumption figures were determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

The new BMW 5 Series Touring. 530d xDrive.

		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
Fuel tank capacity	approx. 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 permissible weight Max axle load, front/rear	kg	1260 / 1455
Max trailer load,	ĸy	12007 1433
braked (12%)/unbraked	ka	2000 / 750
Max roofload/max towbar downl	kg	100/90
	oad kg	
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	E	3MW 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
-uel		Diesel
Max output	kW/hp	210/286
at	rpm	4000
Max torque	Nm	650
at	rpm	1500 – 2500
48V mild hybrid technology	1-	
Max output	kW/hp	8/11
Electrical System		
12V battery/installation	Ah/-	00 / luggage compartment
48V battery/installation		90 / luggage compartment
48V Dattery/Installation	An-	11 / engine compartment
Driving Dynamics and Safet	у	
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
		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
	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),
		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

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			BMW 530d xDrive Touring	
Transmission				
Type of transmiss	sion		Eight-speed Steptronic transmission	
Gear ratios	I	:1	5.500	
		: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	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 EfficientD	ynamics			
BMW EfficientDynamics		Mild hybrid technology with 48V starter-generator, Brake Energy Regeneratior		
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

Fuel Consumption E	CE		
Urban	l/100 km	6.5 - 6.4	
Extra-urban	l/100 km	4.5 - 4.3	
Combined	l/100 km	5.2 – 5.1	
CO ₂	g/km	137 – 133	
Emission rating		Euro 6d	

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

¹⁾ Height including roof fin ²⁾ Oil change

The new BMW 5 Series Touring. 540d xDrive.

		BMW 540d xDrive Touring
Body		
No of doors/seats		5/5
_ength/width/height ¹⁾ (unladen)	mm	4963 / 1868 / 1498
Wheelbase	mm	2975
Frack. front/rear	mm	1605 / 1630
Ground clearance	mm	140
Furning circle	m	12.4
Fuel tank capacity	approx. I	66
Engine oil 2)		7.0
Veight, unladen, to DIN/EU	kg	1925 / 2000
Max load to DIN		690
Vax permissible weight	kg	2615
Vlax permissible weight Vlax axle load, front/rear	kg	1270 / 1455
'	kg	12707 1455
Max trailer load,		2000 / 750
praked (12%)/unbraked	kg	2000 / 750
Aax roofload/max towbar downlo	<u> </u>	100 / 90
uggage comp capacity	<u> </u>	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	E	BMW 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	. 1	Diesel
Max output	kW/hp	250 / 340
at oulput		4400
Max torque	rpm Nm	700
		1750 – 2250
at 10) / mild by brid toobpology /	rpm	1750 - 2250
48V mild hybrid technology Vlax output	kW/hp	8/11
	Kwinp	0/11
Electrical System		
12V battery/installation	Ah/–	90 / luggage compartment
48V battery/installation	Ah/-	11 / engine compartment
Driving Dynamics and Safety	1	
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	0	Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornerin
Shiring Stability Systems		Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, all-wheel-drive system xDrive linke 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

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			BMW 540d xDrive Touring	
Transmission	<u> </u>			
Type of transm	ission		Eight-speed Steptronic transmission	
Gear ratios	I	:1	5.500	
		:1	3.520	
		:1	2.200	
	IV	:1	1.720	
	V	:1	1.317	
	VI	:1	1.000	
	VII	:1	0.823	
	VIII	:1	0.640	
	R	:1	3.993	
Final drive		:1	2.563	
Performance				
Power-to-weigl	ht ratio (DIN)	kg/kW	7.7	
Output per litre		kW/I	83.5	
Acceleration	0–100 km/h	S	4.8	
Top speed		km/h	250	
BMW Efficien	tDynamics			
BMW Efficient	Dynamics	Mild hybrid technology with 48V starter-generator, Brake Energy Regeneratior		
standard featur	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, efficiency-optimised all-wheel drive	
			differential with optimised warm-up behaviour,	
			ty require the reduced relling registeres. RMM/ Rive Derformence technology with	

tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter

Fuel Consumption EC)E		
Urban	l/100 km	6.8 - 6.6	
Extra-urban	l/100 km	4.7 – 4.5	
Combined	l/100 km	5.4 - 5.3	
CO ₂	g/km	143 – 139	
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

The fuel consumption, CO₂ emissions and electric power consumption figures were determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.