Specifications. BMW 5 Series Touring. **520i**.



		BMW 520i Touring	
Body		F ! F	
No. of doors/seats		5/5	
Length/width/height ¹⁾ (unladen)	mm	4942 / 1868 / 1498	
Wheelbase	mm	2975	
Track, front/rear	mm	1605 / 1630	
Ground clearance	mm	140	
Turning circle	m opprov. ltr	12.05	
Tank capacity Engine oil ²⁾	approx. ltr	<u> </u>	
	ltr		
Weight, unladen, to DIN/EU Max. load to DIN	kg	1635/1710	
	kg	715	
Max. permissible weight	kg	2350	
Max. axle load, front/rear	kg	1055 / 1400	
Max. trailer load,	kg	2000 / 750	
braked (12%)/unbraked Max. roof load/towbar download	ka	2000 / 750 100 / 90	
	kg		
Luggage comp. capacity Air resistance	ltr cd x A	570 – 1700 0.28 x 2.35	
	Cd X A	0.26 % 2.35	
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	10.2	
Fuel		min RON 91	
Output	kW/hp	135 / 184	
at	rpm	5000 – 6500	
Torque	Nm	290	
at	rpm	1350 – 4250	
Fla atria al Constana			
Electrical System Battery/Installation	Ah/–	90 / luggage comp.	
	7		
Driving Dynamics and Safety			
Suspension, front	Alı	uminium double track control arm axle with separate lower track arm level,	
		small steering roll radius, traverse force compensation, anti-dive	
Suspension, rear	F	ive-link axle in aluminium lightweight construction, double 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 and DTC (Dynamic Traction Control),		
	CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying		
		function, fading compensation, start-off assistant; optional: Adaptive Suspension, Adaptive Drive	
Safety equipment	Q		
Salety 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-		
		eel seatbelts on all seats with belt latch tensioner and belt force limiter at	
		the front seats, crash sensors, Tyre Pressure Indicator	
Steering		Electromechanical rack-and-pinion power steering (EPS)	
Closing		with Servotronic function; optional: Integral Active Steering	
Steering ratio, overall	:1	16.3	
Tyres, front/rear		225/55 R17 97Y	
Rims, front/rear		7.5J x 17 light-alloy	

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			BMW 520i Touring	
Transmission	1			
Type of gearbo	X		8-speed Steptronic	
Gear ratios		:1	5.250	
	I	: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-weigl	ht ratio (DIN)	kg/kW	12.1	
Output per litre)	kW/	67.6	
Acceleration	0–100 km/h	s	8.2	
Top speed		km/h	225	
BMW Efficien	tDynamics			
BMW EfficientDynamics			Brake Energy Regeneration with recuperation display, EPS (Electric Powe	
standard featur	es	Steering), Auto Start Stop function, Optimum Shift Indicator,		
			ECO PRO mode with coasting function and Proactive Driving Assistant,	
			BMW EfficientLightweight, optimised aerodynamic attributes, active air flag	
			control, on-demand operation of ancillary units, map-controlled oil pump,	

Fuel consumption E	U cycle		
Urban	ltr/100 km	7.4 – 7.3	
Extra-urban	ltr/100 km	5.6 – 5.3	
Combined	ltr/100 km	6.3 - 6.1	
CO ₂	g/km	143 – 138	
Emission rating		EU6d-TEMP	

differential with optimized-warm-up behaviour, tyres with reduced rolling resistance

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

¹⁾ Height including roof aerial
 ²⁾ Oil change volume

The values for fuel consumption, CO_2 emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

BMW 5 Series Touring. 530i.

		BMW 530i Touring		
Body				
No. of doors/seats		5/5		
Length/width/height ¹⁾ (unladen)	mm	4942 / 1868 / 1498		
Wheelbase	mm	2975		
Track, front/rear	mm	1605 / 1630		
Ground clearance	mm	140		
Turning circle	m	12.05		
Tank capacity	approx. ltr	68		
Engine oil 2)	ltr	5.25		
Weight, unladen, to DIN/EU	kg	1640 / 1715		
Max. load to DIN	kg	720		
Max. permissible weight	kg	2360		
Max. axle load, front/rear	kg	1065 / 1410		
Max. trailer load,	kg			
braked (12%)/unbraked	-	2000 / 750		
Max. roof load/towbar download	kg	100 / 90		
Luggage comp. capacity	ltr	570 – 1700		
Air resistance	c _d x A	0.29 x 2.35		
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	10.2		
Fuel		min RON 91		
Output	kW/hp	185/252		
at	rpm	5200 - 6500		
Torque	Nm	350		
at	rpm	1450 – 4800		
Electrical System				
Electrical System Battery/Installation	Ah/–	90 / luggage comp.		
Dattery/Installation	An/-	907 luggage comp.		
Driving Dynamics and Safety				
Suspension, front	AI	uminium double track control arm axle with separate lower track arm level		
		small steering roll radius, traverse force compensation, anti-dive		
Suspension, rear	F	ive-link axle in aluminium lightweight construction, double 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 and DTC (Dynamic Traction Control),		
	(CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying		
		function, fading compensation, start-off assistant; optional: Adaptive		
		Suspension, Adaptive Drive		
		Standard: airbags for driver and front passenger, side airbags for driver and		
Safety equipment	S	standard: airbags for driver and front passenger, side airbags for driver and		
Safety equipment		itandard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-		
Safety equipment	f			
Safety equipment	f	front passenger, head airbags for front and rear seats, three-point inertia-		
Safety equipment	f	front passenger, head airbags for front and rear seats, three-point inertia- eel seatbelts on all seats with belt latch tensioner and belt force limiter at		
	f	front passenger, head airbags for front and rear seats, three-point inertia- reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator		
	f	front passenger, head airbags for front and rear seats, three-point inertia- eel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator Electromechanical rack-and-pinion power steering (EPS)		
Steering	f r	front passenger, head airbags for front and rear seats, three-point inertia- eel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Integral Active Steering		

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			BMW 530i Touring		
Transmission					
Type of gearbox			8-speed Steptronic		
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	2.813		
Performance					
Power-to-weight r	atio (DIN)	kg/kW	8.9		
Output per litre		kW/l	92.6		
Acceleration (0–100 km/h	S	6.4		
Top speed		km/h	250		
BMW EfficientD	ynamics				
BMW EfficientDyn	amics	E	Brake Energy Regeneration with recuperation display, EPS (Electric Powe		
standard features			Steering), Auto Start Stop function, Optimum Shift Indicator,		
			ECO PRO mode with coasting function and Proactive Driving Assistant,		
		В	MW EfficientLightweight, optimised aerodynamic attributes, active air flag		

Fuel consumption El	J cycle		
Urban	ltr/100 km	8.0 – 7.3	
Extra-urban	ltr/100 km	5.4 – 5.4	
Combined	ltr/100 km	6.3 – 6.1	
CO ₂	g/km	144 – 139	
Emission rating		EU6d-TEMP	

control, on-demand operation of ancillary units, map-controlled oil pump, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance

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

¹⁾ Height including roof aerial ²⁾ Oil change volume

The values for fuel consumption, CO_2 emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

BMW 5 Series Touring. 530i xDrive.

		BMW 530i xDrive Touring
Body		
No. of doors/seats		5/5
Length/width/height ¹⁾ (unladen)	mm	4942 / 1868 / 1498
Wheelbase	mm	2975
Track, front/rear	mm	1605 / 1630
Ground clearance	mm	140
Turning circle	m	12.22
Tank capacity	approx. ltr	68
	ltr	5.25
Weight, unladen, to DIN/EU	kg	1700/1775
Max. load to DIN	kg	740
Max. permissible weight	kg	2440
Max. axle load, front/rear	kg	1115/1425
Max. trailer load,	kg	
braked (12%)/unbraked	Ng	2000 / 750
Max. roof load/towbar download	kg	100/90
Luggage comp. capacity	ltr	570 – 1700
Air resistance	Cd X A	0.28 x 2.35
	00.777	0.20 x 2.00
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,
	2	Double-VANOS variable camshaft timing
Effective capacity	CM3	1998
Stroke/bore	mm	94.6/82.0
Compression ratio	:1	10.2
Fuel	1.5.4.0	min RON 91
Output	kW/hp	185/252
at	rpm	5200 - 6500
Torque	Nm	350
at	rpm	1450 - 4800
Electrical System		
Battery/Installation	Ah/–	90 / luggage comp.
Driving Dynamics and Safety		
Suspension, front	Alı	uminium double track control arm axle with separate lower track arm level,
		small steering roll radius, traverse force compensation, anti-dive
Suspension, rear	F	ive-link axle in aluminium lightweight construction, double 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 and DTC (Dynamic Traction Control),
	C	CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying
	fu	nction, fading compensation, start-off assistant, networked with xDrive all-
		wheel-drive system; optional: Adaptive Suspension, Adaptive Drive
Safety equipment	S	tandard: airbags for driver and front passenger, side airbags for driver and
	f	ront passenger, head airbags for front and rear seats, three-point inertia-
	r	eel seatbelts on all seats with belt latch tensioner and belt force limiter at
		the front seats, crash sensors, Tyre Pressure Indicator
Steering		Electromechanical rack-and-pinion power steering (EPS)
		with Servotronic function; optional: Integral Active Steering
Steering ratio, overall	:1	16.3
Steering ratio, overall Tyres, front/rear	:1	

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			BMW 530i xDrive Touring
Transmission			
Type of gearbox			8-speed Steptronic
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-weight rat	io (DIN)	kg/kW	9.2
Output per litre		kW/I	92.6
Acceleration 0–	100 km/h	S	6.3
Top speed		km/h	250
BMW EfficientDyr	namics		
BMW EfficientDynar	nics	Brake	Energy Regeneration with recuperation display, EPS (Electric Pow
standard features		500	Steering), Auto Start Stop function, Optimum Shift Indicator,
		ECC) PRO mode with coasting function and Proactive Driving Assistan

BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-controlled oil pump, differential and power divider with optimized-warm-up behaviour, tyres with reduced rolling resistance

Fuel consumption El	J cycle		
Urban	ltr/100 km	8.3 - 8.2	
Extra-urban	ltr/100 km	6.2 – 5.9	
Combined	ltr/100 km	7.0 - 6.7	
CO ₂	g/km	159 – 153	
Emission rating		EU6d-TEMP	

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

¹⁾ Height including roof aerial ²⁾ Oil change volume

The values for fuel consumption, CO_2 emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

BMW 5 Series Touring. 540i xDrive.

		BMW 540i xDrive Touring
Body No. of doors/seats		5/5
Length/width/height ¹⁾ (unladen)	mm	4942 / 1868 / 1498
	mm	
Wheelbase	mm	2975
Track, front/rear	mm	1605 / 1630
Ground clearance	mm	140
Turning circle	m	12.22
Tank capacity	approx. ltr	68
Engine oil 2)	ltr	6.5
Weight, unladen, to DIN/EU	kg	1765 / 1840
Max. load to DIN	kg	730
Max. permissible weight	kg	2495
Max. axle load, front/rear	kg	1185 / 1430
Max. trailer load,	kg	
braked (12%)/unbraked		2000 / 750
Max. roof load/towbar download	kg	100 / 90
Luggage comp. capacity	ltr	570 – 1700
Air resistance	c _d x A	0.29 x 2.35
Engine		
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 capacity	cm ³	2998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min RON 91
Output	kW/hp	250/340
at	rpm	5500 - 6500
Torque	Nm	450
at	rpm	1380 – 5200
Electrical System		
Battery/Installation	Ah/–	90 / luggage comp.
Driving Dynamics and Safety		
Suspension, front	A	luminium double track control arm axle with separate lower track arm level,
		small steering roll radius, traverse force compensation, anti-dive
Suspension, rear	F	ive-link axle in aluminium lightweight construction, double 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 and DTC (Dynamic Traction Control),
		CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying
	fu	inction, fading compensation, start-off assistant, networked with xDrive all-
		wheel-drive system; optional: Adaptive Suspension, Adaptive Drive
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
Satety equipment	t	front passenger, head airbags for front and rear seats, three-point inertia-
Safety equipment	t	front passenger, head airbags for front and rear seats, three-point inertia- reel seatbelts on all seats with belt latch tensioner and belt force limiter at
	t	front passenger, head airbags for front and rear seats, three-point inertia- reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator
Sarety equipment Steering	t	front passenger, head airbags for front and rear seats, three-point inertia- reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator Electromechanical rack-and-pinion power steering (EPS)
Steering	1 r	front passenger, head airbags for front and rear seats, three-point inertia- reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Integral Active Steering
	t	front passenger, head airbags for front and rear seats, three-point inertia- reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Integral Active Steering 16.3
Steering	1 r	front passenger, head airbags for front and rear seats, three-point inertia- reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Integral Active Steering

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			BMW 540i xDrive Touring
Transmission			
Type of gearbox			8-speed Steptronic
Gear ratios	I	:1	5.000
		:1	3.200
	III	:1	2.143
	IV	:1	1.720
	V	:1	1.314
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.456
Final drive		:1	2.929
Performance			
Power-to-weight r	atio (DIN)	kg/kW	7.1
Output per litre		kW/I	83.4
Acceleration (0–100 km/h	S	5.1
Top speed		km/h	250
BMW EfficientD	ynamics		
BMW EfficientDyr	namics	Bra	ke Energy Regeneration with recuperation display, EPS (Electric Pow
standard features			Steering), Auto Start Stop function, Optimum Shift Indicator,

Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function and Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-controlled oil pump, differential and power divider with optimized-warm-up behaviour, tyres with reduced rolling resistance

Fuel consumption El	U cycle		
Urban	ltr/100 km	10.6 – 10.0	
Extra-urban	ltr/100 km	6.6 - 6.6	
Combined	ltr/100 km	8.0 – 7.8	
CO ₂	g/km	183 – 178	
Emission rating		EU6d-TEMP	

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

¹⁾ Height including roof aerial ²⁾ Oil change volume

The values for fuel consumption, CO_2 emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

BMW 5 Series Touring. 520d.

		BMW 520d Touring
Body		<u> </u>
No. of doors/seats		5/5
Length/width/height 1) (unladen)	mm	4942 / 1868 / 1498
Wheelbase	mm	2975
Track, front/rear	mm	1605 / 1630
Ground clearance	mm	140
Turning circle	m	12.05
Tank capacity	approx. Itr	66
	ltr	5.0
Weight, unladen, to DIN/EU	kg	1685 / 1760
Max. load to DIN	kg	720
Max. permissible weight	kg	2405
Max. axle load, front/rear	kg	1080 / 1435
Max. trailer load,	kg	
braked (12%)/unbraked		2000 / 750
Max. roof load/towbar download	kg	100 / 90
Luggage comp. capacity	ltr	570 – 1700
Air resistance	c _d x A	0.27 x 2.35
Engine		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common rail direct fuel injection with solenoid injectors
		(max. injection pressure: 2000 bar)
Effective capacity	cm ³	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Output	kW/hp	140 / 190
at	rpm	4000
Torque	Nm	400
at	rpm	1750 – 2500
Electrical System		
Battery/Installation	Ah/-	90 / luggage comp.
Driving Dynamics and Safety		
Suspension, front	AI	uminium double track control arm axle with separate lower track arm level small steering roll radius, traverse force compensation, anti-dive
Suspension, rear	F	ive-link axle in aluminium lightweight construction, double elastic bearing,
Suspension, real	1	air suspension with automatic self-levelling
Brakes front	Four-piston fixed-calliper disc brakes / vented	
Brakes, front		
Brakes, rear		Single-piston floating-calliper disc brakes / vented
Brakes, front Brakes, rear Driving stability systems	(Single-piston floating-calliper disc brakes / vented Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying
Brakes, rear	(Single-piston floating-calliper disc brakes / vented Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assistant; optional: Adaptive
Brakes, rear Driving stability systems	S	Single-piston floating-calliper disc brakes / vented Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assistant; optional: Adaptive Suspension, Adaptive Drive tandard: airbags for driver and front passenger, side airbags for driver and ront passenger, head airbags for front and rear seats, three-point inertia- eel seatbelts on all seats with belt latch tensioner and belt force limiter at
Brakes, rear Driving stability systems Safety equipment	S	Single-piston floating-calliper disc brakes / vented Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assistant; optional: Adaptive Suspension, Adaptive Drive tandard: airbags for driver and front passenger, side airbags for driver and ront passenger, head airbags for front and rear seats, three-point inertia- eel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator
Brakes, rear Driving stability systems Safety equipment	S	Single-piston floating-calliper disc brakes / vented Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assistant; optional: Adaptive Suspension, Adaptive Drive tandard: airbags for driver and front passenger, side airbags for driver and ront passenger, head airbags for front and rear seats, three-point inertia- eel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator Electromechanical rack-and-pinion power steering (EPS)
Brakes, rear Driving stability systems Safety equipment Steering	S f r	Single-piston floating-calliper disc brakes / vented Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assistant; optional: Adaptive Suspension, Adaptive Drive tandard: airbags for driver and front passenger, side airbags for driver and ront passenger, head airbags for front and rear seats, three-point inertia- eel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Integral Active Steering
Brakes, rear Driving stability systems	S	Single-piston floating-calliper disc brakes / vented Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assistant; optional: Adaptive Suspension, Adaptive Drive tandard: airbags for driver and front passenger, side airbags for driver and ront passenger, head airbags for front and rear seats, three-point inertia- eel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator Electromechanical rack-and-pinion power steering (EPS)

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		BMW 520d Touring
Transmission		
Type of gearbox		8-speed Steptronic
Gear ratios I	:1	5.250
I	: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	12.0
Output per litre	kW/l	70.2
Acceleration 0–100 km/h	S	7.6
Top speed	km/h	225
BMW EfficientDynamics		
BMW EfficientDynamics		Brake Energy Regeneration with recuperation display, EPS (Electric Power
standard features		Steering), Auto Start Stop function, Optimum Shift Indicator,
		ECO PRO mode with coasting function and Proactive Driving Assistant,
		BMW EfficientLightweight, optimised aerodynamic attributes, active air flap
		control, on-demand operation of ancillary units, map-controlled oil pump,
		differential with optimized-warm-up behaviour, tyres with reduced rolling
		resistance, BMW Blue Performance technology including SCR catalytic
		converter

Fuel consumption El	J cycle		
Urban	ltr/100 km	5.4 - 5.2	
Extra-urban	ltr/100 km	4.6 - 4.4	
Combined	ltr/100 km	4.9 - 4.7	
CO ₂	g/km	128 – 123	
Emission rating		EU6d-TEMP	

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

¹⁾ Height including roof aerial
 ²⁾ Oil change volume

The values for fuel consumption, CO_2 emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

BMW 5 Series Touring. 520d xDrive.

		BMW 520d xDrive Touring
De de		
Body		E / E
No. of doors/seats		<u> </u>
Length/width/height ¹⁾ (unladen)	mm	
Wheelbase Track, front/rear	mm	2975
	mm	<u> </u>
Ground clearance	mm	140
Turning circle	m	
Tank capacity Engine oil ²⁾	approx. ltr	<u> </u>
	ltr	
Weight, unladen, to DIN/EU	kg	1750 / 1825
Max. load to DIN	kg	730
Max. permissible weight	kg	2480
Max. axle load, front/rear	kg	1130 / 1455
Max. trailer load,	kg	2000 / 750
braked (12%)/unbraked		2000 / 750
Max. roof load/towbar download	kg	100/90
Luggage comp. capacity	ltr	570 – 1700
Air resistance	c _d x A	0.28 x 2.35
Engine		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common rail direct fuel injection with solenoid injectors (max. injection pressure: 2000 bar)
Effective capacity	cm ³	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel	• 1	Diesel
Output	kW/hp	140 / 190
at		4000
Torque	rpm Nm	400
at	rpm	1750 – 2500
Electrical System		
Battery/Installation	Ah/–	00//шадада артр
Dattery/installation	An/-	90 / luggage comp.
Driving Dynamics and Safety		
Suspension, front	A	luminium double track control arm axle with separate lower track arm level, small steering roll radius, traverse force compensation, anti-dive
Suspension, rear	F	Five-link axle in aluminium lightweight construction, double 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 and DTC (Dynamic Traction Control),
Driving stability systems		CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying inction, fading compensation, start-off assistant, networked with xDrive all- wheel-drive system; optional: Adaptive Suspension, Adaptive Drive
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia- reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator
Steering		Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Integral Active Steering
Steering ratio, overall	:1	16.3
Tyres, front/rear	.1	225/55 R17 97Y
Rims, front/rear		7.5J x 17 light-alloy

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			BMW 520d xDrive Touring
Transmission			
Type of gearbox			8-speed Steptronic
Gear ratios	1	: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 ratio (DIN)	kg/kW	12.5
Output per litre		kW/I	70.2
Acceleration 0–100 kr	n/h	S	7.6
Top speed		km/h	222
BMW EfficientDynamics	S		
BMW EfficientDynamics			Brake Energy Regeneration with recuperation display, EPS (Electric Power
standard features		Steering), Auto Start Stop function, Optimum Shift Indicator,	
			ECO PRO mode with coasting function and Proactive Driving Assistant,
			BMW EfficientLightweight, optimised aerodynamic attributes, active air flap
			control, on-demand operation of ancillary units, map-controlled oil pump,
			differential and power divider with optimized-warm-up behaviour, tyres with
			reduced rolling resistance, BMW Blue Performance technology including

SCR catalytic converter

Fuel consumption El	J cycle		
Urban	ltr/100 km	5.7 – 5.7	
Extra-urban	ltr/100 km	4.8 - 4.6	
Combined	ltr/100 km	5.2 - 5.0	
CO ₂	g/km	136 – 131	
Emission rating		EU6d-TEMP	

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

¹⁾ Height including roof aerial
 ²⁾ Oil change volume

The values for fuel consumption, CO_2 emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

BMW 5 Series Touring. 525d.

		BMW 525d Touring	
Body			
No. of doors/seats		5/5	
Length/width/height 1) (unladen)	mm	4942 / 1868 / 1498	
Wheelbase	mm	2975	
Track, front/rear	mm	1605 / 1630	
Ground clearance	mm	140	
Turning circle	m	12.05	
Tank capacity	approx. ltr	66	
	ltr	5.0	
Weight, unladen, to DIN/EU	kg	1690 / 1765	
Max. load to DIN	kg	735	
Max. permissible weight	kg	2425	
Max. axle load, front/rear	kg	1090 / 1435	
Max. trailer load,	kg		
braked (12%)/unbraked		2000 / 750	
Max. roof load/towbar download	kg	100 / 90	
Luggage comp. capacity	ltr	570 – 1700	
Air resistance	c _d x A	0.27 x 2.35	
Engine			
Config./No. of cyls./valves		in-line / 4 / 4	
Engine technology		BMW TwinPower Turbo technology: multi-stage charging,	
	hio	gh and low pressure turbocharger with variable inlet geometry, common	
		rail direct fuel injection with solenoid injectors	
		(max. injection pressure: 2500 bar)	
Effective capacity	cm ³	1995	
Stroke/bore	mm	90.0 / 84.0	
Compression ratio	:1	16.5	
Fuel		Diesel	
Output	kW/hp	170/231	
at		4400	
Torque	rpm Nm	500	
at	rpm	2000	
	Ipini	2000	
Electrical System			
Battery/Installation	Ah/–	90 / luggage comp.	
Driving Dynamics and Safety			
Suspension, front	Alu	minium double track control arm axle with separate lower track arm level	
		small steering roll radius, traverse force compensation, anti-dive	
Suspension, rear	Fiv	ve-link axle in aluminium lightweight construction, double 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 and DTC (Dynamic Traction Control),	
5 , ,	CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying		
		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		
		ont passenger, head airbags for front and rear seats, three-point inertia-	
		el seatbelts on all seats with belt latch tensioner and belt force limiter at	
		the front seats, crash sensors, Tyre Pressure Indicator	
Steering		Electromechanical rack-and-pinion power steering (EPS)	
		with Servotronic function; optional: Integral Active Steering	
Steering ratio, overall	:1	16.3	
Tyres, front/rear		225/55 R17 97Y	
Rims, front/rear		7.5J x 17 light-alloy	
nino, itoriu cai			

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		BMW 525d Touring	
Transmission			
Type of gearbox		8-speed Steptronic	
Gear ratios I	:1	5.000	
	:1	3.200	
	:1	2.143	
IV	:1	1.720	
V	:1	1.314	
VI	:1	1.000	
VII	:1	0.822	
VIII	:1	0.640	
R	:1	3.456	
Final drive	:1	2.813	
Performance			
Power-to-weight ratio (DIN)	kg/kW	9.9	
Output per litre	kW/I	85.2	
Acceleration 0–100 km/h	S	6.8	
Top speed	km/h	245	
BMW EfficientDynamics			
BMW EfficientDynamics	E	Brake Energy Regeneration with recuperation display, EPS (Electric Power	
standard features	Steering), Auto Start Stop function, Optimum Shift Indicator,		
		ECO PRO mode with coasting function and Proactive Driving Assistant,	
		BMW EfficientLightweight, optimised aerodynamic attributes, active air flag	
		control, on-demand operation of ancillary units, map-controlled oil pump,	
		differential with optimized-warm-up behaviour, tyres with reduced rolling	
		resistance, BMW Blue Performance technology including SCR catalytic	
		converter	

Fuel consumption EU	cycle		
Urban	ltr/100 km	6.2 – 5.8	
Extra-urban	ltr/100 km	4.9 - 4.7	
Combined	ltr/100 km	5.4 – 5.1	
CO ₂	g/km	142 – 134	
Emission rating		EU6c	

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

¹⁾ Height including roof aerial
 ²⁾ Oil change volume

The values for fuel consumption, CO_2 emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

BMW 5 Series Touring. 530d.

function, fading compensation, start-off assistant; optional: Adaptiv Suspension, Adaptive Drive Safety equipment Standard: airbags for driver and front passenger, side airbags for driver front passenger, head airbags for front and rear seats, three-point iner			BMW 530d Touring
No. of doorskeets 5 / 5 Length/width/height "(unladen) mm 4942 / 1968 / 1498 Wheelbase mm 2975 Track, front/rear mm 1605 / 1630 Ground clearance mm 140 Turning circle m 1205 Tank capacity approx. Itr 66 Engine oil 2 Itr 6.5 Weight, unladen, to DINEU kg 740 Max. bad to DIN kg 740 Max. ada to DIN kg 2480 Max. ada Load, front/rear kg 1140 / 1455 Max. ada Load, font/rear kg 100 / 90 Luggage comp. capacity Itr 570 - 1700 Air resistance c.a x A 0.27 x 2.35 Engine In-line / 6 / 4 Engine technology BMW TwinPower Turbo technology, turbocharger with variable ink geometry, corrmor raid liners fuel injection with piezo injectors (max. injection pressure: 2500 bar) Effective capacity Config.No. of vis.Nalves In-line / 6 / 4 Engine technology Effective capacity cm ³ <td< th=""><th></th><th></th><th></th></td<>			
LengthWidthheight "(unladen) mm 4942/1868/1498 Wheelbase mm 2975 Track, front/rear mm 1605/1630 Ground clearance mm 140 Turning circle m 12.05 Tank capacity approx. Itr 66 Engine oil ² Itr 6.5 Weight, unladen, to DINEU kg 1740/1815 Max. ada to DIN kg 740 Max. permissible weight kg 7400 Max. and to DIN kg 740 Max. and to DIN kg 740 Config. No. of cyls. Analves Effective capacity cm ³ Effective capacity cm ³			E / E
Wheelbase mm 2975 Track, front/rear mm 1605 / 1630. Ground clearance mm 140 Turning circle m 12.05 Tank capacity approx.Itr 66 Engine oil ? Itr 6.5 Weight, unladen, to DINEU kg 740 Max. load to DIN kg 2480 Max. adve load, font/rear kg 1140 / 1455 Max. adve load, font/rear kg 1140 / 1455 Max. adve load, font/rear kg 2000 / 750 Max. adve load, font/rear kg 100 / 90 Luggage comp. capacity Itr 570 - 1700 Air resistance c.a A 0.27 x 2.35 Engine Config.No. of cyls.Nalves in-line / 6 / 4 Engine technology BMW TwinPower Turbo technology; turbocharger with variable hile geometry, cormon rial direct fuel injection with piezo injectors (max. injection pressure: 2500 bar) Effective capacity Cornig.No. of cyls.Nalves in-line / 6 / 4 Congression ratio Fuel Diesel Diesel Diesel Output kWhp 195 / 265 at			
Track, front/fear mm 1605/1630 Ground clearance mm 140 Turning circle m 12.05 Tank capacity approx. Itr 66 Engine ol ³ Itr 6.5 Weight, unladen, to DINEU kg 1740 / 1815 Max, permissible weight kg 2480 Max avel load, front/rear kg 1140 / 1455 Max, trailer load, front/rear kg 100 / 90 Luggage comp, capacity Itr 570 – 1700 Air resistance cd x A 0.27 x 2.35 Engine Config.No. of cyls./valves in-line / 6 / 4 Engine technology BMW TwinPower Turb to technology: turbocharger with variable inle geometry, common rail direct fuel injection with piezo injectors (max. injection pressure: 2500 bar) Effective capacity Cmf gr.No. of cyls./valves :1 16.5 Fuel Diesel Output Compression ratio :1 16.5 Fuel Diesel Output Output KW/hp 195 / 265 at rpm 4000 Torque Ah/- 90 / luggage			
Ground clearance mm 140 Turning circle m 12.05 Tank capacity approx. Itr 66 Engine oil ²¹ Itr 6.5 Weight, unladen, to DINEU kg 1740 / 1815 Max. Ioal to DIN kg 740 Max. permissible weight kg 2440 Max. apermissible weight kg 1140 / 1455 Max. trailer load, kg 1140 / 1455 Max. trailer load, kg 1000 / 750 Max. trailer load, kg 1000 / 750 Max. trailer load, kg 1000 / 750 Max. roof load howbar download kg 1000 / 90 Luggage comp. capacity Itr 570 - 1700 Air resistance ca x A 0.27 x 2.35 Engine Config.No. of cyls./valves in-line / 6 / 4 Engine technology BMW TwinPower Turbo technology: turbocharger with variable inle geometry, common rail direct fuel injection with variable inle geometry, common rail direct fuel injection with variable inle geometry, common rail direct fuel injection with variable inle geometry, common rail direct fuel injection with variable inle geometry, common rail direct fuel injection with variable inle geometry, common rail direct fuel injection with variable inle geometry, common rail direct fuel injection with variable inle geometry, common rail direct fuel injection with variable inle geometry, common rail direct fuel injection with variable inle geometry, common rail direct fuel injection with variable inle geometry, common rail direct fuel injection with variable inle geometry, common rail direct fuel injection with variable inle geometry, common rail direct fuel injection with variable inle geometry, common rail direct fuel injection with variable inle geometry, common rail direct fuel injection with variable inle geometry, common rail direct fuel injection with variable inle geometry common rail direct fuel injection with variable inle geometry common rail direct fuel injection with variable inle geometry common rail direct fuel injection with variable inle geometry common rail direct fuel injection with variable inle geometry common rail direct fuel injection with variable inle geometry common rail direct fuel injection with variable inle geometry common rail direct fuel injectin with v			
Turning circle m 12.05 Tank capacity approx. Itr 66 Engine oli ³ Itr 6.5 Weight, unladen, to DINEU kg 1740 / 1815 Max, load to DIN kg 740 Max, ade load, front/rear kg 1440 / 1455 Max, ade load, front/rear kg 1400 / 1455 Max, trailer load, kg 2000 / 750 Max, troiler load, kg 100 / 90 Liggage comp, capacity Itr 570 – 1700 Air resistance cd x A 0.27 x 2.35 Engine Config./No. of cyls./valves in-line / 6 / 4 Engine technology BMW TwinPower Turbo technology: turbocharger with variable inle geometry, common rail direct fuel injection with piezo injectors (max. injection pressure: 2500 bar) Effective capacity cm³ 2993 StrokeBore mm 90.0 / 184.0 Compression ratio :1 16.5 Fuel Diesel 0uput At rpm 2000 - 2500 Electrical System Eletry/installation <td< td=""><td></td><td></td><td></td></td<>			
Tank capacity approx. Itr 66 Engine ol 3 Itr 6.5 Weight, unladen, to DINUE kg 1740 / 1815 Max. Joad to DIN kg 740 Max. Joad to DIN kg 2480 Max. Joad to DIN kg 2480 Max. Joad to DIN kg 2480 Max. Arel load, front/rear kg 1140 / 1455 Max. Tool load/towbar download kg 100 / 90 Luggage comp. capacity Itr 570 – 1700 Air resistance c.a x A 0.27 x 2.35 Engine Config./No. of cyls./valves In-line / 6 / 4 Engine technology BMW TwinPower Turbo technology: turbocharger with variable ink geometry, common rail direct fuel lenjection with piezo injectors (max. injection pressure: 2500 bar) Effective capacity cm³ 2993 Stroke/bore mm 90.0 / 84.0 Compression ratio :1 16.5 Fuel Diesel Output Voltypt 195 / 265 0 at rpm 2000 – 2500 Electrical System Suspension, front Aluminium double track control arm axle with separate lower track arm small steering roll radius, traverse force compensation, anti-dwe single-piston floating-calliper disc brakes / vented			-
Engine oil? Itr 6.5 Weight, unladen, to DINEU kg 1740 / 1815 Max. load to DIN kg 740 Max. permissible weight kg 2480 Max. atrailer load, kg 2000 / 750 Max. trailer load, kg 2000 / 750 Max. roof loaditowbar download kg 100 / 90 Luggage comp. capacity Itr 570 - 1700 Air resistance cd X A 0.27 x 2.35 Engine Contig. No. of cyls.Avalves in-line / 6 / 4 Engine technology BMW TwinPower Turbo technology: turbocharger with variable ink geometry, common rail direct fuel injection with piezo injectors (max. injection pressure: 2500 bar) Effective capacity cm ³ 2993 Strokebore mm 90.0 / 84.0 Compression ratio :1 1 16.5 Fuel Diesel Output kW/hp 195 / 265 at rpm 4000 Torque Nm 620 at rpm 4000 Torque Nm 620 at rpm 4000 Torque Nm 620 at rpm 4000 Torque Nm 620 Torque Nm 620 Torque Suspension, front Aluminium double track control arm axle with separate lower track arm small steering rol radius, traverse force compensation, auti-dive Suspension, rear Five-link axle in aluminium lightweight construction, double elastic bea are synapsis to four four four four and set of the compensation, anti-dive Suspension, rear Single-piston floating-calliper disc brakes / vented Brakes, rear Single-piston floating-calliper			
Weight, unladen, to DIN/EU kg 1740 / 1815 Max, load to DIN kg 740 Max, permissible weight kg 2480 Max, permissible weight kg 1140 / 1455 Max, trailer load, kg 000 / 750 Max, trailer load, kg 100 / 90 Luggage comp. capacity Itr 570 - 1700 Air resistance cax A 0.27 × 2.35 Engine Config./No. of cyls./valves In-line / 6 / 4 Engine technology BMW TwinPower Turbo technology: turbocharger with variable inle geometry, common rail direct fuel injection with piezo injectors (max. injection pressure: 2500 bar) Effective capacity cm³ 2993 Stroke/bore mm 90.0 / 84.0 Compression ratio :1 16.5 Fuel Diesel 0utput Output kWhp 195 / 265 at rpm 4000 Torque Nm 620 at rpm 2000 - 2500 Electrical System Suspension, front Aluminium double track control arm axle with separate lower track arm small steering roll radius, traverse force compensation, anti-dive Suspension, with automatic self-weiling Suspension, rear Five-link axle in aluminium lightweight construction, double leastic bea air suspension with automati			
Max. load to DIN kg 740 Max. permissible weight kg 2480 Max. avel load, front/rear kg 1140 / 1455 Max. trailer load, kg 2000 / 750 Max. roof load/towbar download kg 100 / 90 Luggage comp. capacity ltr 570 – 1700 Air resistance ca X A 0.27 x 2.35 Engine Config./No. of cyls./valves in-line / 6 / 4 Engine technology BMW TwinPower Turbo technology. turbocharger with variable inle geometry, common rail direct fuel injection with piezo injectors (max. injecton pressure .2500 bar) Effective capacity cm ³ 2993 Strokebore mm 90.01/84.0 Compression ratio : 1 16.5 Fuel Diesel Output kW/hp 195 / 265 at rpm 4000 Torque Nm 6220 at rpm 4000 Torque Nm 6220 at rpm 4000 Torque Nm 6220 Torkebore Five-link ake in aluminium lightweight compression, anti-dive Suspension, front Aluminium double track control arm axle with separate lower track arm small steering roll radius, traverse force compensation, anti-dive Suspension, rear Single-piston fixed-calliper disc brakes / vented Brakes, rear Brakes for d			
Max. permissible weight kg 2480 Max. ake load, front/rear kg 1140/1455 Max. trailer load, kg 2000 / 750 Max. roof load/towbar download kg 100 / 90 Luggage comp. capacity ltr 570 - 1700 Air resistance c _a x A 0.27 x 2.35 Engine Config./No. of cyls./valves in-line / 6 / 4 Config./No. of cyls./valves 0.027 x 2.35 Engine technology BMW TwinPower Turbo technology: turbocharger with variable inle geometry, common rail direct fulle injection with piezo injectors (max. injection pressure: 2500 bar) Effective capacity cm ³ 2993 Stroke/Dore mm 9.00 / 84.0 Compression ratio :1 16.5 Fuel Diesel Output kW/hp 195 / 265 at rpm 4000 Torque Nm 620 at rpm 2000 - 2500 Electrical System Battery/Installation Ah/- 90 / luggage comp. Driving Dynamics and Safety Suspension, front Aluminium double track control arm axle with separate lower track arm small steering roll radius, traverse force compensation, anti-dive Suspension, front Fibure Aluminium double track control arm axle with separate lower track arm small steering roll radius, traverse force compensation, anti-dive Suspension, front Standard: DS four-piston fixed-calliper disc brakes / vented Brakes, front Fibure Standard: DS (LABS and DTC) (Dynamic Traction Control), CBC Cornering Brake Control, DBC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Standard: DSC in CABS and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Standard: DSC in CABS and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Tracter Control, Adaptive Suspension, data tract airbags for driver and front passenger, side airbags for driver front passenger, idea airbags for driver and front passenger, idea airbags for driver front passenger, idea airbags for driver and front passenger, idea airbags for driver front passenger, idea airbags for driver and front passenger, idea airbags for driver front passenger, idea airbags for driver and front passenger, idea airbags for driver front passenger, idea airba			
Max. axle load, front/rear kg 1140 / 1455 Max. trailer load, kg braked (12%)ubraked 2000 / 750 Max. roof load/towbar download kg 100 / 90 Luggage comp. capacity ltr 570 - 1700 Air resistance c, a X A 0.27 x 2.35 Engine Config./No. of cyls./valves in-line / 6 / 4 Engine technology BMW TwinPower Turbo technology: turbocharger with variable inle geometry, common rail direct fuel injection with piezo injectors (max. injection pressure: 2500 bar) Effective capacity cm ³ 2993 Stroke/bore mm 90.0 / 84.0 Compression ratio :1 16.5 Fuel Diesel Output kW/hp 195 / 265 at rpm 4000 Torque Nm 620 at rpm 2000 - 2500 Electrical System Battery/Installation Ah/- 90 / luggage comp. Driving Dynamics and Safety Suspension, front Aluminium double track control arm axle with separate lower track arm small steering roll radius, traverse force compensation, anti-dive Suspension, rear Five-link axle in aluminium lightweight construction, double elastic bea ari suspension fixed - Elige Five-link axle in aluminium lightweight construction, double least bar Suspension, rear Five-link axle in aluminium lightweight construction, double elastic bea ari suspension fixed - Eliger disc brakes / vented Brakes, rear Single-piston fixed-calliper disc brakes / vented Driving stability systems Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake dri function, fading compensation, start-of assistant; optional: Adaptiv Suspension, rear Single-piston floating-calliper disc brakes / vented Brakes, rear Single-piston floating-calliper disc brakes / vented Brake			
Max. trailer load, kg braked (12%)/unbraked 2000 / 750 braked (12%)/unbraked 2000 / 750 Luggage comp. capacity ltr 570 - 1700 Air resistance c _d x A 0.27 x 2.35 Engine Config./No. of cyls./valves in-line / 6 / 4 Engine technology BMW TwinPower Turbo technology: turbocharger with variable inle geometry, common rail direct fuel injection with piezo injectors (max. injection pressure: 2500 bar) Effective capacity cm³ 2993 Stroke/bore mm 90.0 / 84.0 Compression ratio :1 1 16.5 Fuel Output kW/hp 195 / 265 at rpm 4000 Torque Nm 620 at rpm 2000 - 2500 Electrical System Battery/Installation Ah/- 90 / luggage comp. Driving Dynamics and Safety Suspension, front Aluminium double track control arm axle with separate lower track arm small steering roll radius, traverse force compensation, anti-dive ari suspension for Four-piston fixed-calliper disc brakes / vented Brakes, front Four-piston fixed-calliper disc brakes / vented Brakes, front Standard: DSC incl. ABS and DTC (Dynamic Brake Control), Dic Ortorol, Driving Brakes, rear Single-piston floading-calliper disc brakes / vented Brakes, front Standard: DSC incl. ABS and DTC (Dynamic Brake Control), CBC Cornering Brake Control, Data drading calliper disc brakes / vented Standard: DSC incl. ABS and DTC (Dynamic Brake Control), Driving Standard: DSC incl. ABS and DTC (Dynamic Brake Control), Driving Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC Cornering Brake Control, Data drading calliper disc brakes / vented Standard: alfbags for driver and front passenger, side airbags for driver front passenger, head airbags for driver and front passenger, side airbags for driver Standard: alfbags for driver and front passenger, bion with Servotron in the fort passenger, head airbags for driver and print presenter lower front and rear seats, three-point ine reel seatbelts on all seats with belt latch tensioner and belt force limit the front seats, crash sensors, Tyre Pressure Indicator Steering Electronechanical rack-and-pinion power steering (EPS) with Servotron in fu			
braked (12%)/unbraked 2000 / 750 Max. roof load/towbar download kg 100 / 90 Luggage comp. capacity Itr 570 - 1700 Air resistance cd x A 0.27 x 2.35 Engine Config./No. of cyls./valves in-line / 6 / 4 Engine technology BMW TwinPower Turbo technology: turbocharger with variable inle geometry, common rail direct fuel injection with piezo injectors (max. injection pressure: 2500 bar) Effective capacity cm³ 2993 Stroke/bore mm 90.0 / 84.0 Compression ratio :1 16.5 Fuel Diesel Output kW/hp 195 / 265 at rpm 4000 Torque Nm 620 at rpm 2000 - 2500 Electrical System Battery/Installation Ah/- 90 / luggage comp. Driving Dynamics and Safety Suspension, front Aluminium double track control arm axle with separate lower track arm small steering roll radius, traverse force compensation, anti-dive Suspension, rear Five-link ake in aluminium lightweight construction, double elastic bea air suspension with automatic self-levelling Brakes, rear Single-piston fixed-calling-alliger disc brakes / vented Driving stability systems Standard: DSC incl. ABS and DTC (Dynamic Tracton Control), CBC Cornering Brake Control, Brakes for the disc brakes / vented Driving stability systems Standard: DSC incl. ABS and DTC (Dynamic Tracton Control), CBC Cornering Brake Control, DBC Dynamic Brake Streeted Driving stability systems Candard: airbags for driver and front passenger, side airbags for driver Standard: airbags for driver and front passenger, side airbags for driver front passenger, head airbags for driver and front passenger, side airbags for driver Standard: airbags for driver and front passenger, side airbags for driver Steering Electronechanical rack-and-pinion power steering (EPS) with Servotronic function, optional: Integral Active Steering			114071455
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	Steering		Electromechanical rack-and-pinion power steering (EPS)
	Stooring ratio overall	.1	
		:1	
Tyres, front/rear 225/55 R17 97Y Rims, front/rear 7.5J x 17 light-alloy			

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			BMW 530d Touring	
Transmission				
Type of gearbox			8-speed Steptronic	
Gear ratios		:1	5.000	
		:1	3.200	
		:1	2.143	
	IV	:1	1.720	
	V	:1	1.313	
	VI	:1	1.000	
	VII	:1	0.823	
	VIII	:1	0.640	
	R	:1	3.478	
Final drive		:1	2.471	
Performance				
Power-to-weight	t ratio (DIN)	kg/kW	8.9	
Output per litre		kW/l	65.2	
Acceleration	0–100 km/h	S	5.8	
Top speed		km/h	250	
BMW Efficient	Dynamics			
BMW EfficientD	ynamics	Brake	Energy Regeneration with recuperation display, EPS (Electric Power	
standard feature	S	Steering), Auto Start Stop function, Optimum Shift Indicator,		
		ECC	PRO mode with coasting function and Proactive Driving Assistant,	
			EfficientLightweight, optimised aerodynamic attributes, active air flag	
			rol, on-demand operation of ancillary units, map-controlled oil pump,	
			rential with optimized-warm-up behaviour, tyres with reduced rolling	
		resis	stance, BMW Blue Performance technology including SCR catalytic	
			converter	

Fuel consumption EU	cycle		
Urban	ltr/100 km	6.3 – 6.3	
Extra-urban	ltr/100 km	5.0 - 4.7	
Combined	ltr/100 km	5.5 – 5.3	
CO ₂	g/km	144 – 139	
Emission rating		EU6c	

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

¹⁾ Height including roof aerial
 ²⁾ Oil change volume

The values for fuel consumption, CO_2 emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

BMW 5 Series Touring. 530d xDrive.

		BMW 530d xDrive Touring	
D. d.			
Body No. of doors/seats		5/5	
Length/width/height ¹⁾ (unladen)	mm	4942 / 1868 / 1498	
Wheelbase	mm	2975	
Track, front/rear	mm	1605 / 1630	
Ground clearance	mm	140	
Turning circle	m	12.22	
Tank capacity	approx. ltr	66	
Engine oil 2)	ltr	6.5	
Weight, unladen, to DIN/EU	kg	1790 / 1865	
Max. load to DIN	kg	740	
Max. permissible weight	kg	2530	
Max. axle load, front/rear		1190 / 1455	
Max. trailer load,	kgkg	11907 1435	
braked (12%)/unbraked	kg	2000 / 750	
Max. roof load/towbar download	ka	100 / 90	
	kg ltr	570 – 1700	
Luggage comp. capacity Air resistance	Cd X A	0.28 x 2.35	
	Cd X A	0.20 % 2.33	
Engine			
Config./No. of cyls./valves		in-line / 6 / 4	
Engine technology	BMW TwinPower Turbo technology: turbocharger with variable inlet		
		geometry, common rail direct fuel injection with piezo injectors	
		(max. injection pressure: 2500 bar)	
Effective capacity	cm ³	2993	
Stroke/bore	mm	90.0 / 84.0	
Compression ratio	:1	16.5	
Fuel		Diesel	
Output	kW/hp	195 / 265	
at	rpm	4000	
Torque	Nm	620	
at	rpm	2000 – 2500	
Electrical System			
Battery/Installation	Ah/-	90 / luggage comp.	
Datterymistallation	AU/-	30 huggage comp.	
Driving Dynamics and Safety			
Suspension, front	А	luminium double track control arm axle with separate lower track arm level,	
		small steering roll radius, traverse force compensation, anti-dive	
Suspension, rear	F	Five-link axle in aluminium lightweight construction, double 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 and DTC (Dynamic Traction Control),	
		CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying	
	fu	unction, fading compensation, start-off assistant, networked with xDrive all-	
		wheel-drive system; optional: Adaptive Suspension, Adaptive Drive	
Safety equipment	Standard: airbags for driver and front passenger, side airbags for driver and		
		front passenger, head airbags for front and rear seats, three-point inertia-	
		reel seatbelts on all seats with belt latch tensioner and belt force limiter at	
		the front seats, crash sensors, Tyre Pressure Indicator	
Steering		Electromechanical rack-and-pinion power steering (EPS)	
		with Servotronic function; optional: Integral Active Steering	
Steering ratio, overall	:1	16.3	
Tyres, front/rear		225/55 R17 97Y	
Rims, front/rear		7.5J x 17 light-alloy	

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			BMW 530d xDrive Touring		
Transmission					
Type of gearbox			8-speed Steptronic		
Gear ratios	1	:1	5.000		
		:1	3.200		
		:1	2.143		
	IV	:1	1.720		
	V	:1	1.313		
	VI	:1	1.000		
	VII	:1	0.823		
	VIII	:1	0.640		
	R	:1	3.478		
Final drive		:1	2.471		
Performance					
Power-to-weight ratio	o (DIN)	kg/kW	9.2		
Output per litre		kW/I	65.2		
Acceleration 0–1	100 km/h	S	5.6		
Top speed		km/h	250		
BMW EfficientDyna	amics				
BMW EfficientDynam	nics	E	Brake Energy Regeneration with recuperation display, EPS (Electric Power		
standard features		Steering), Auto Start Stop function, Optimum Shift Indicator,			
		ECO PRO mode with coasting function and Proactive Driving Assistant,			
		E	3MW EfficientLightweight, optimised aerodynamic attributes, active air fla		
			control, on-demand operation of ancillary units, map-controlled oil pump,		
		d	lifferential and power divider with optimized-warm-up behaviour, tyres with		
			reduced rolling resistance, BMW Blue Performance technology including		
			SCR catalytic converter		

Fuel consumption EU	cycle		
Urban	ltr/100 km	6.9 – 6.8	
Extra-urban	ltr/100 km	5.3 – 4.8	
Combined	ltr/100 km	5.9 – 5.6	
CO ₂	g/km	154 – 148	
Emission rating		EU6c	

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

¹⁾ Height including roof aerial
 ²⁾ Oil change volume

The values for fuel consumption, CO_2 emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

BMW 5 Series Touring. 540d xDrive.

		BMW 540d xDrive Touring			
Dadu					
Body No. of doors/seats		5/5			
		4942 / 1868 / 1498			
Length/width/height 1) (unladen)	mm				
Wheelbase	mm	2975			
Track, front/rear	mm	1605 / 1630			
Ground clearance	mm	140			
Turning circle	m	12.22			
Tank capacity	approx. ltr	66			
Engine oil 2)	ltr	6.5			
Weight, unladen, to DIN/EU	kg	1845 / 1920			
Max. load to DIN	kg	720			
Max. permissible weight	kg	2565			
Max. axle load, front/rear	kg	1215 / 1455			
Max. trailer load,	kg				
braked (12%)/unbraked		2000 / 750			
Max. roof load/towbar download	kg	100 / 90			
Luggage comp. capacity	ltr	570 – 1700			
Air resistance	c _d x A	0.29 x 2.35			
Engine					
Config./No. of cyls./valves		in-line / 6 / 4			
Engine technology		BMW TwinPower Turbo technology: multi-stage charging,			
	high and low pressure turbocharger with variable inlet geometry, common				
		rail direct fuel injection with piezo injectors			
		(max. injection pressure: 2500 bar)			
Effective capacity	cm ³	2993			
Stroke/bore	mm	90.0 / 84.0			
Compression ratio	:1	16.5			
Fuel		Diesel			
	kW/hp	235/320			
Output					
at	rpm	4400			
Torque	Nm	680			
at	rpm	1750 – 2250			
Electrical System					
Battery/Installation	Ah/–	90 / luggage comp.			
Driving Dynamics and Cofety					
Driving Dynamics and Safety Suspension, front	٨١	uminium double track control arm axle with separate lower track arm level,			
	A	small steering roll radius, traverse force compensation, anti-dive			
Suspension, rear	Five-link axle in aluminium lightweight construction, double elastic bearing,				
Suspension, real	i i	air suspension with automatic self-levelling			
Brokes front					
Brakes, front		Four-piston fixed-calliper disc brakes / vented			
Brakes, rear		Single-piston floating-calliper disc brakes / vented			
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control),			
	CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying				
	function, fading compensation, start-off assistant, networked with xDrive all-				
<u> </u>		wheel-drive system; optional: Adaptive Suspension, Adaptive Drive			
Safety equipment		tandard: airbags for driver and front passenger, side airbags for driver and			
	front passenger, head airbags for front and rear seats, three-point inertia-				
	r	eel seatbelts on all seats with belt latch tensioner and belt force limiter at			
		the front seats, crash sensors, Tyre Pressure Indicator			
Steering		Electromechanical rack-and-pinion power steering (EPS)			
		with Servotronic function; optional: Integral Active Steering			
Steering ratio, overall	:1	16.3			
Tyres, front/rear		225/55 R17 97Y			
Rims, front/rear		7.5J x 17 light-alloy			

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			BMW 540d xDrive Touring	
Transmission				
Type of gearbox			8-speed Steptronic	
Gear ratios	I	:1	5.000	
		:1	3.200	
		:1	2.143	
	IV	:1	1.720	
	V	:1	1.313	
	VI	:1	1.000	
	VII	:1	0.823	
	VIII	:1	0.640	
	R	:1	3.478	
Final drive		:1	2.563	
Performance				
Power-to-weight ratio (D	IN)	kg/kW	7.9	
Output per litre		kW/I	78.5	
Acceleration 0–100	km/h	S	4.9	
Top speed		km/h	250	
BMW EfficientDynami	cs			
BMW EfficientDynamics		Brake Energy Regeneration with recuperation display, EPS (Electric Powe		
standard features		Steering), Auto Start Stop function, Optimum Shift Indicator,		
			O PRO mode with coasting function and Proactive Driving Assistant,	
			V EfficientLightweight, optimised aerodynamic attributes, active air flap	
			trol, on-demand operation of ancillary units, map-controlled oil pump,	
			rential and power divider with optimized-warm-up behaviour, tyres with	
		red	uced rolling resistance, BMW Blue Performance technology including	
			SCR catalytic converter	

Fuel consumption EU	l cycle		
Urban	ltr/100 km	7.5 – 7.3	
Extra-urban	ltr/100 km	5.5 – 5.2	
Combined	ltr/100 km	6.2 - 6.0	
CO ₂	g/km	164 – 157	
Emission rating		EU6c	

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

¹⁾ Height including roof aerial
 ²⁾ Oil change volume

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BMW 5 Series Touring. M550d xDrive.

		BMW M550d xDrive Touring		
Body		<u> </u>		
No. of doors/seats		5/5		
Length/width/height ¹⁾ (unladen)	mm	4962 / 1868 / 1488		
Wheelbase	mm	2975		
Track, front/rear	mm	1600 / 1598		
Ground clearance	mm	130		
Turning circle	m	12.24		
Tank capacity	approx. ltr	66		
Engine oil 2)	ltr	6.5		
Weight, unladen, to DIN/EU	kg	1955 / 2030		
Max. load to DIN	kg	665		
Max. permissible weight	kg	2620		
Max. axle load, front/rear	kg	1255 / 1455		
Max. trailer load,	kg			
braked (12%)/unbraked		2000 / 750		
Max. roof load/towbar download	kg	100/90		
Luggage comp. capacity	ltr	570 – 1700		
Air resistance	c _d x A	0.31 x 2.35		
Engine				
Config./No. of cyls./valves		in-line / 6 / 4		
Engine technology	B	MW TwinPower Turbo technology: multi-stage charging with four		
Engine technology	BMW TwinPower Turbo technology: multi-stage charging with four turbochargers, high and low pressure charging stage with two chargers			
		high pressure turbocharger with variable inlet geometry, common-rai		
		ect injection with piezo injectors (max. injection pressure: >2500 bar)		
Effective capacity	cm ³	2993		
Stroke/bore	mm	90.0 / 84.0		
	:1			
Compression ratio	:1	16.0		
Fuel		Diesel		
Output	kW/hp	294/400		
at	rpm	4400		
Torque	Nm	760		
at	rpm	2000 - 3000		
Electrical System				
Battery/Installation	Ah/-	105 / luggage comp.		
		·····		
Driving Dynamics and Safety				
Suspension, front	Alumi	nium double track control arm axle with separate lower track arm level		
		small steering roll radius, traverse force compensation, anti-dive		
Suspension, rear	Five-	link axle in aluminium lightweight construction, double 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 and DTC (Dynamic Traction Control),		
	CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying			
		function, fading compensation, start-off assistant, networked with xDrive all-		
		on, fading compensation, start-off assistant, networked with xDrive all-		
	functi	on, fading compensation, start-off assistant, networked with xDrive all- /heel-drive system; optional: Adaptive Suspension, Adaptive Drive		
Safety equipment	functi v	heel-drive system; optional: Adaptive Suspension, Adaptive Drive		
Safety equipment	functi w Stand front	heel-drive system; optional: Adaptive Suspension, Adaptive Drive dard: airbags for driver and front passenger, side airbags for driver and t passenger, head airbags for front and rear seats, three-point inertia-		
Safety equipment	functi w Stand front	heel-drive system; optional: Adaptive Suspension, Adaptive Drive dard: airbags for driver and front passenger, side airbags for driver and		
Safety equipment	functi w Stand front	heel-drive system; optional: Adaptive Suspension, Adaptive Drive dard: airbags for driver and front passenger, side airbags for driver and t passenger, head airbags for front and rear seats, three-point inertia-		
	functi w Stand front	heel-drive system; optional: Adaptive Suspension, Adaptive Drive dard: airbags for driver and front passenger, side airbags for driver and t passenger, head airbags for front and rear seats, three-point inertia- seatbelts on all seats with belt latch tensioner and belt force limiter at		
	functi w Stand front	cheel-drive system; optional: Adaptive Suspension, Adaptive Drive dard: airbags for driver and front passenger, side airbags for driver and t passenger, head airbags for front and rear seats, three-point inertia- seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator		
Steering	functi w Stand front	cheel-drive system; optional: Adaptive Suspension, Adaptive Drive dard: airbags for driver and front passenger, side airbags for driver and t passenger, head airbags for front and rear seats, three-point inertia- seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator Electromechanical rack-and-pinion power steering (EPS)		
Safety equipment Steering Steering ratio, overall Tyres, front/rear	functi w Stand front reel	theel-drive system; optional: Adaptive Suspension, Adaptive Drive dard: airbags for driver and front passenger, side airbags for driver and t passenger, head airbags for front and rear seats, three-point inertia- seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator Electromechanical rack-and-pinion power steering (EPS) with Servotronic function, Integral Active Steering		

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			BMW M550d xDrive Touring	
Transmission				
Type of gearbox			8-speed Steptronic	
Gear ratios		:1	5.000	
	II	:1	3.200	
		:1	2.143	
	IV	:1	1.720	
	V	:1	1.313	
	VI	:1	1.000	
	VII	:1	0.823	
	VIII	:1	0.640	
	R	:1	3.478	
Final drive		:1	2.813	
Performance				
Power-to-weigh	t ratio (DIN)	kg/kW	6.6	
Output per litre		kW/l	98.2	
Acceleration	0–100 km/h	S	4.6	
Top speed		km/h	250	
BMW Efficient	Dynamics			
BMW EfficientD	ynamics	Bra	ake Energy Regeneration with recuperation display, EPS (Electric Power	
standard feature	es	Steering), Auto Start Stop function, Optimum Shift Indicator,		
		E	CO PRO mode with coasting function and Proactive Driving Assistant,	
		BN	1W EfficientLightweight, optimised aerodynamic attributes, active air flap	
		CC	ontrol, on-demand operation of ancillary units, map-controlled oil pump,	
		diff	erential and power divider with optimized-warm-up behaviour, tyres with	
		re	duced rolling resistance, BMW Blue Performance technology including	
			SCR catalytic converter	

Fuel consumption EU cycle				
Urban	ltr/100 km	8.1 – 8.1		
Extra-urban	ltr/100 km	6.0 - 5.9		
Combined	ltr/100 km	6.8 - 6.7		
CO ₂	g/km	178 – 176		
Emission rating		EU6c		

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

¹⁾ Height including roof aerial
 ²⁾ Oil change volume

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