BMW Media Information

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Specifications. The new BMW 5 Series Touring. 530i.



		BMW 530i Touring
Body No of doors/seats		E 1 E
Length/width/height 1)	mm	5 / 5 4943 / 1868 / 1498
(unladen)	mm	49437 18087 1498
Wheelbase	mm	2975
Track, front/rear		1605 / 1630
Ground clearance	mm	140
Turning circle	m	12.05
Fuel tank capacity	approx.	68
Tuer tarik capacity	approx. Itr	00
Engine oil 2)		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, braked	kg	10007 1410
(12%)/unbraked	ĸg	2000 / 750
Max roofload/max towbar	kg	100/90
download	9	.557.50
Luggage comp capacity	1	570 – 1700
Air resistance	c _d x A	0.28 x 2.35
7 111 10010101100	O _U X Y Y	OLEO X E.IOO
Power Unit		
Config/No of cyls/valves		R/4/4
Engine technology		BMW TwinPower Turbo technology: TwinScroll turbocharger, High Precision
Engine teermology		Direct Injection, VALVETRONIC fully variable valve control,
		Double-VANOS variable camshaft timing
Effective capacity	CC	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	10.2
Fuel		min. ROZ 91
Max output	kW/hp	185 / 252
at	rpm	5200 - 6500
Max torque	Nm/lb-ft	350/258
at	rpm	1450 – 4800
Electrical System		
Battery/installation	Ah/–	90 / Luggage compartment
Driving Dynamics and Sat	fety	
Suspension, front	Α	luminium 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), Dry Braking function,
		Fading Compensation, Start-Off Assistant; Optional: Dynamic Damper Control,
0.64		Adaptive Drive
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front
		assenger, head airbags for front and rear seats, three-point inertia-reel seatbelts
		n all seats with belt stopper, belt latch tensioner and belt force limiter at the front
Charaina		seats, crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS),
Character water a contract		Optional: Integral Active Steering
Steering ratio, overall	:1	16.3
Tyres, front/rear		225/55 R17 97Y
Rims, front/rear		7.5J x 17 LM

			BMW 530i Touring
Transmissio	n		
Type of transm			8-speed Steptronic Transmission
Gear ratios		:1	5.000
	il i	:1	3.200
	ill .	: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	<u> </u>		
Power-to-weig	ht ratio (DIN)	kg/kW	8.9
Output per litre		kW/l	92.6
Acceleration	0–100 km/h	S	6.5
n 5th gear	80-120 km/h	S	-
Top speed		km/h	250
BMW Efficier BMW Efficient Standard featu	Dynamics		Brake Energy Regeneration with recuperation display, Electric Power Steerin
standard reatu	res		optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up.
			coasting function and Proactive Driving Assistant, BMW EfficientLightweigh optimised aerodynamic attributes, active air flap control, on-demand operation
Fuel Consum	nption ECE ³⁾		coasting function and Proactive Driving Assistant, BMW EfficientLightweigh optimised aerodynamic attributes, active air flap control, on-demand operatic of ancillary units, map-regulated oil pump, differential with optimised warm-ubehaviour, tyres with reduced rolling resistance
Fuel Consum With standard	nption ECE ³⁾ tyres, also with 8J >	x 18 whe	coasting function and Proactive Driving Assistant, BMW EfficientLightweigh optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-ubehaviour, tyres with reduced rolling resistance
Fuel Consum With standard Jrban	nption ECE ³⁾ tyres, also with 8J >	x 18 whe 100 km	coasting function and Proactive Driving Assistant, BMW EfficientLightweigh optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-uphaniour, tyres with reduced rolling resistance els and 245/45 R18 tyres 7.2
Fuel Consum With standard Jrban Extra-urban	nption ECE ³⁾ tyres, also with 8J > //	x 18 whe 100 km 100 km	coasting function and Proactive Driving Assistant, BMW EfficientLightweigh optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-uphaniour, tyres with reduced rolling resistance els and 245/45 R18 tyres 7.2 5.1
Fuel Consum With standard Jrban Extra-urban Combined	nption ECE ³⁾ tyres, also with 8J > //	x 18 whe 100 km 100 km 100 km	coasting function and Proactive Driving Assistant, BMW EfficientLightweigh optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-unbehaviour, tyres with reduced rolling resistance els and 245/45 R18 tyres 7.2 5.1 5.8
Fuel Consum With standard Urban Extra-urban Combined CO2	nption ECE ³⁾ tyres, also with 8J > V V	x 18 whe 100 km 100 km 100 km g/km	coasting function and Proactive Driving Assistant, BMW EfficientLightweigh optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-to-behaviour, tyres with reduced rolling resistance els and 245/45 R18 tyres 7.2 5.1 5.8 133
Fuel Consum With standard Jrban Extra-urban Combined CO ₂ With 8J x 18 w with 8J x 19 w with 8J x 19 w	nption ECE 3) tyres, also with 8J x // // // // // // // // //	x 18 whe 100 km 100 km 100 km g/km 8 (rear) a R19 tyres 9 (rear) a	coasting function and Proactive Driving Assistant, BMW EfficientLightweigh optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-units, map-regulated oi
Fuel Consum With standard Jrban Extra-urban Combined CO ₂ With 8J x 18 w with 8J x 19 w with 8J x 20 w with 8J x 20 w	tyres, also with 8J x tyres, also with 8J x y y yheels (front), 9J x 1 heels and 245/40 F heels (front), 9J x 2 heels (front), 9J x 2 t tyres	x 18 whe 100 km 100 km 100 km g/km 8 (rear) a 819 tyres 9 (rear) a 0 (rear) a	coasting function and Proactive Driving Assistant, BMW EfficientLightweigh optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-understand behaviour, tyres with reduced rolling resistance els and 245/45 R18 tyres 7.2 5.1 5.8 133 and 245/45 R18 tyres (front), 275/40 R18 (rear), and 245/40 R19 tyres (front), 275/30 R20 (rear)
Fuel Consum With standard Jrban Extra-urban Combined CO ₂ With 8J x 18 w with 8J x 19 w with 8J x 20 w with 8J x 20 w and with runfla	tyres, also with 8J x tyres, also with 8J x Velocity vheels (front), 9J x 1 heels and 245/40 F heels (front), 9J x 2 heels (front), 9J x 2 t tyres	x 18 whe 100 km 100 km 100 km g/km 8 (rear) a 8 (rear) a 0 (rear) a	coasting function and Proactive Driving Assistant, BMW EfficientLightweigh optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-unbehaviour, tyres with reduced rolling resistance els and 245/45 R18 tyres 7.2 5.1 5.8 133 and 245/45 R18 tyres (front), 275/40 R18 (rear), and 245/40 R19 tyres (front), 275/30 R20 (rear) 7.5
Fuel Consum With standard Urban Extra-urban Combined CO ₂ With 8J x 18 w With 8J x 19 w With 8J x 20 w	tyres, also with 8J x tyres, also with 8J x Vheels (front), 9J x 1 heels and 245/40 F heels (front), 9J x 2 t tyres	x 18 whe 100 km 100 km 100 km g/km 8 (rear) a (rear) a 0 (rear) a 100 km	coasting function and Proactive Driving Assistant, BMW EfficientLightweigh optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-behaviour, tyres with reduced rolling resistance els and 245/45 R18 tyres 7.2 5.1 5.8 133 and 245/45 R18 tyres (front), 275/40 R18 (rear), nd 245/40 R19 tyres (front), 275/30 R20 (rear) 7.5 5.3
Fuel Consum With standard Urban Extra-urban Combined CO ₂ With 8J x 18 w with 8J x 19 w with 8J x 20 w and with runfla Urban Extra-urban Combined	tyres, also with 8J x tyres, also with 8J x Vheels (front), 9J x 1 heels and 245/40 F heels (front), 9J x 2 t tyres	x 18 whe 100 km 100 km g/km 8 (rear) a (rear) a 0 (rear) a 100 km 100 km	coasting function and Proactive Driving Assistant, BMW EfficientLightweigh optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-behaviour, tyres with reduced rolling resistance els and 245/45 R18 tyres 7.2 5.1 5.8 133 and 245/45 R18 tyres (front), 275/40 R18 (rear), nd 245/40 R19 tyres (front), 275/30 R20 (rear) 7.5 5.3 6.1
Fuel Consum With standard Jrban Extra-urban Combined CO ₂ With 8J x 18 w with 8J x 19 w with 8J x 20 w and with runfla Jrban Extra-urban Combined CO ₂	tyres, also with 8J x tyres, also with 8J x Vheels (front), 9J x 1 heels (front), 9J x 1 heels (front), 9J x 2 t tyres	x 18 whe 100 km 100 km 100 km g/km 8 (rear) a (rear) a 0 (rear) a 100 km	coasting function and Proactive Driving Assistant, BMW EfficientLightweigh optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-behaviour, tyres with reduced rolling resistance els and 245/45 R18 tyres 7.2 5.1 5.8 133 and 245/45 R18 tyres (front), 275/40 R18 (rear), nd 245/40 R19 tyres (front), 275/30 R20 (rear) 7.5 5.3
Fuel Consum With standard Jrban Extra-urban Combined CO ₂ With 8J x 18 w with 8J x 19 w with 8J x 20 w and with runfla Jrban Extra-urban Combined CO ₂ With winter tyr	tyres, also with 8J x // // // // // // // // // // // // /	x 18 whe 100 km 100 km 100 km g/km 8 (rear) a 219 tyres 9 (rear) a 0 (rear) a 100 km 100 km 100 km g/km	coasting function and Proactive Driving Assistant, BMW EfficientLightweigh optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-behaviour, tyres with reduced rolling resistance els and 245/45 R18 tyres 7.2 5.1 5.8 133 and 245/45 R18 tyres (front), 275/40 R18 (rear), and 245/40 R19 tyres (front), 275/35 R19 (rear), and 245/35 R20 tyres (front), 275/30 R20 (rear) 7.5 5.3 6.1 139
Fuel Consum With standard Jrban Extra-urban Combined CO ₂ With 8J x 18 w with 8J x 19 w with 8J x 20 w and with runfla Jrban Extra-urban Combined CO ₂ With winter tyr Jrban	pption ECE 3) tyres, also with 8J x // // // // // // // // // // // // /	x 18 whe 100 km 100 km 100 km g/km 8 (rear) a 219 tyres 9 (rear) a 0 (rear) a 100 km 100 km g/km	coasting function and Proactive Driving Assistant, BMW EfficientLightweigh optimised aerodynamic attributes, active air flap control, on-demand operati of ancillary units, map-regulated oil pump, differential with optimised warmbehaviour, tyres with reduced rolling resistance els and 245/45 R18 tyres 7.2 5.1 5.8 133 and 245/45 R18 tyres (front), 275/40 R18 (rear), nd 245/40 R19 tyres (front), 275/35 R19 (rear), nd 245/35 R20 tyres (front), 275/30 R20 (rear) 7.5 5.3 6.1 139
Fuel Consum With standard Urban Extra-urban Combined CO ₂ With 8J x 18 w With 8J x 19 w With 8J x 20 w	pption ECE 3) tyres, also with 8J x // // // // // // // // // // // // /	x 18 whe 100 km 100 km 100 km g/km 8 (rear) a 219 tyres 9 (rear) a 0 (rear) a 100 km 100 km 100 km g/km	coasting function and Proactive Driving Assistant, BMW EfficientLightweigh optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-behaviour, tyres with reduced rolling resistance els and 245/45 R18 tyres 7.2 5.1 5.8 133 and 245/45 R18 tyres (front), 275/40 R18 (rear), and 245/40 R19 tyres (front), 275/35 R19 (rear), and 245/35 R20 tyres (front), 275/30 R20 (rear) 7.5 5.3 6.1 139

143 EU6

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

CO₂ Emission rating

g/km

 $^{^{1)}}$ Height including roof fin $^{2)}$ Oil change $^{3)}$ Fuel consumption and $\mathrm{CO_2}$ emissions depend on the selected tyre format

The new BMW 5 Series Touring. 540i xDrive.

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		BMW 540i xDrive Touring
Body		
No of doors/seats		5/5
Length/width/height 1)	mm	4943 / 1868 / 1498
(unladen)		
Wheelbase	mm	2975
Track, front/rear	mm	1605 / 1630
Ground clearance		140
Turning circle	m	12.22
Fuel tank capacity	approx. Itr	68
Engine oil 2)	I	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, braked	kg	110371400
(12%)/unbraked	ĸg	2000 / 750
Max roofload/max towbar	kg	100 / 90
download	1/9	100130
Luggage comp capacity		570 – 1700
Air resistance	c _d x A	0.29 x 2.35
All resistance	CaxA	0.23 x 2.00
Power Unit		
Config/No of cyls/valves		R/6/4
Engine technology	F	BMW TwinPower Turbo technology: TwinScroll turbocharger, High Precision
Engine teemiology	L	Direct Injection, VALVETRONIC fully variable valve control, Double-VANOS variable camshaft timing
Effective capacity	CC	2998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min. ROZ 91
Max output	kW/hp	250 / 340
at	rpm	5500 – 6500
Max torque	Nm/lb-ft	450/332
at	rpm	1380 – 5200
Electrical System		
Battery/installation	Ah/–	90 / Luggage compartment
Driving Dynamics and Saf	ety	
Suspension, front	Alu	Iminium double track control arm axle with separate lower track arm level, smal 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	St	tandard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
3		Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading
		Compensation, Start-Off Assistant, DSC networked with
		xDrive all-wheel-drive system;
		Optional: Dynamic Damper Control, Adaptive Drive
Safety equipment	St	andard: airbags for driver and front passenger, side airbags for driver and front
		ssenger, head airbags for front and rear seats, three-point inertia-reel seatbelts
	on	all seats with belt stopper, belt latch tensioner and belt force limiter at the from
	S	eats, crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS),
		Optional: Integral Active Steering
Ctooring ratio avarall	:1	16.3
Steering ratio, overall		
Tyres, front/rear Rims, front/rear		225/55 R17 97Y 7.5J x 17 LM

			DANK 540: Dair a Tarania a
			BMW 540i xDriveTouring
Transmission	1		
Type of transm	nission		8-speed Steptronic Transmission
Gear ratios	I	:1	5.000
	II	: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-weig		kg/kW	7.1
Output per litre		kW/l	83.4
Acceleration	0–100 km/h	S	5.1
In 5th gear	80–120 km/h	S	-
Top speed	00 120 111111	km/h	250
BMW Efficier	ntDynamics		
BMW Efficientl	Dynamics		Brake Energy Regeneration with recuperation display, Electric Power Steering,
		(coasting function and Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, rear differential with optimised warmup behaviour, tyres with reduced rolling resistance
Fuel Consum	ption ECE 3)		
	•	x 18 whe	els and 245/45 R18 tyres
Urban	• •	l/100 km	9.5
Extra-urban		l/100 km	6.1
Combined		l/100 km	7.3
CO ₂		g/km	167
with 8J x 19 wh with 8J x 19 wh	heels and 245/40 heels (front), 9J x	R19 tyres 19 (rear) a	and 245/45 R18 tyres (front), 275/40 R18 (rear), 6, and 245/40 R19 tyres (front), 275/35 R19 (rear), and 245/35 R20 tyres (front), 275/30 R20 (rear)
and with runflat	t tyres		
Urban		l/100 km	9.7
Extra-urban		l/100 km	6.2
Combined		l/100 km	7.5
CO ₂		g/km	172
With winter tyre	es		
Urban		l/100 km	9.9
Extra-urban		l/100 km	6.5
Combined		l/100 km	7.7
CO ₂		g/km	177
Emission rating	9		EU6

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

 $^{^{1)}}$ Height including roof fin $^{2)}$ Oil change $^{3)}$ Fuel consumption and $\rm CO_2$ emissions depend on the selected tyre format

The new BMW 5 Series Touring. 520d.

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		BMW 520d Touring		
Body				
No of doors/seats		5/5		
Length/width/height 1)	mm	4943 / 1868 / 1498		
(unladen)				
Wheelbase	mm	2975		
Track, front/rear	mm	1605 / 1630		
Ground clearance		140		
Turning circle	m	12.05		
Fuel tank capacity	approx.	66		
	ltr			
Engine oil 2)	I	5.0		
Weight, unladen, to DIN/EU	kg	1655 / 1730 (1660 / 1735)		
Max load to DIN	kg	725 (730)		
Max permissible weight	kg	2380 (2390		
Max axle load, front/rear	kg	1060 / 1430 (1075 / 1430)		
Max trailer load, braked	kg			
(12%)/unbraked	.,9	2000 / 750		
Max roofload/max towbar	kg	100 / 90		
download	.,9			
Luggage comp capacity	1	570 – 1700		
Air resistance	c _d x A	0.28 (0.27) x 2.35		
7 11 10010141100	Oukit	OLEO (OLEY / X ELOO		
Power Unit				
Config/No of cyls/valves		R/4/4		
Engine technology	RI/	IW TwinPower Turbo technology: variable-geometry turbocharger, common-		
Engine technology	rail direct injection with solenoid valve injectors			
		(max. injection pressure: 2000 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/lb-ft	400/295		
at		1750 – 2500		
<u>at</u>	rpm	1730 - 2300		
Electrical System				
Battery/installation	Ah/–	00 / Luggaga compartment		
Dattery/iristaliation	AI II-	90 / Luggage compartment		
Driving Dynamics and Saf	fety			
Suspension, front		ninium double track control arm axle with separate lower track arm level, sma		
Suspension, none	Alui	steering roll radius, traverse force compensation, anti-dive		
Suspension, rear	Ei	ve-link axle in aluminium lightweight construction, double elastic bearing, air		
Suspension, real	11	suspension with automatic self-levelling		
Brakes, front				
		Four-piston fixed-calliper disc brakes / vented		
Brakes, rear Driving stability systems	C+	Single-piston floating-calliper disc brakes / vented andard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering		
Driving stability systems	316	Brake Control), DBC (Dynamic Brake Control), Dry Braking function,		
	Fa	ding Compensation, Start-Off Assistant; Optional: Dynamic Damper Control,		
	ı a	Adaptive Drive		
Safety equipment	Q+c	ndard: airbags for driver and front passenger, side airbags for driver and front		
outory equipitient		senger, head airbags for front and rear seats, three-point inertia-reel seatbelts		
		ill seats with belt stopper, belt latch tensioner and belt force limiter at the fron		
		ats, crash-active front head restraints, crash sensors, tyre pressure indicator		
Steering	36	Electric Power Steering (EPS),		
Otoding		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 LM		
rairio, ironuredi		7.50 X 17 LIVI		

			BMW 520d Touring
Transmission			
Type of transmi	ssion		6-speed manual (optional: 8-speed Steptronic)
Gear ratios		:1	4.111 (5.000)
	II	:1	2.248 (3.200)
	III	:1	1.403 (2.143)
	IV	:1	1.000 (1.720)
	V	:1	0.802 (1.314)
	VI	:1	0.659 (1.000)
	VII	:1	- (0.822)
	VIII	:1	- (0.640)
	R	:1	3.727 (3.456)
Final drive		:1	3.385 (2.929)
Performance			
Power-to-weigh	nt ratio (DIN)	kg/kW	11.8 (11.9)
Output per litre		kW/l	70.2
Acceleration	0–100 km/h	S	8.0 (7.8)
In 5th gear	80-120 km/h	S	
Top speed		km/h	230 (225)
BMW Efficient	tDynamics		

BMW EfficientDynamics standard features

Brake Energy Regeneration with recuperation display, Electric Power Steering, Auto Start Stop function, Optimum Shift Indicator, ECO PRO Modus with coasting function (models with automatic transmission) and Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology

Fuel Consumption	ECE 3)		
With standard tyres, a	also with 8J x 18 wheels and 245/4	5 R18 tyres	
Urban	l/100 km	5.2 (4.9)	
Extra-urban	l/100 km	4.1 (4.0)	
Combined	l/100 km	4.5 (4.3)	
CO ₂	g/km	119 (114)	
With 8J x 18 wheels	(front), 9J x 18 (rear) and 245/45 R ²	8 tyres (front), 275/40 R18 (rear),	
with 8J x 19 wheels a	and 245/40 R19 tyres,		
with 8J x 19 wheels (front), 9J x 19 (rear) and 245/40 R1	9 tyres (front), 275/35 R19 (rear),	
with 8J x 20 wheels (front), 9J x 20 (rear) and 245/35 R2	0 tyres (front), 275/30 R20 (rear)	
and with runflat tyres			
Urban	l/100 km	5.3 (5.1)	
Extra-urban	l/100 km	4.3 (4.2)	
Combined	l/100 km	4.7 (4.5)	
CO ₂	g/km	124 (119)	
With winter tyres			
Urban	l/100 km	5.6 (5.2)	
Extra-urban	l/100 km	4.6 (4.4)	
Combined	l/100 km	4.9 (4.7)	
CO ₂	g/km	129 (124)	
Emission rating		EU6	

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight) Figures in brackets apply to models with automatic transmission

 $^{^{1)}}$ Height including roof fin $^{2)}$ Oil change $^{3)}$ Fuel consumption and CO_2 emissions depend on the selected tyre format

The new BMW 5 Series Touring. 530d, 530d xDrive.

		BMW 530d Touring	BMW 530d xDrive Touring
Body			
No of doors/seats		5/5	5/5
Length/width/height ¹⁾ (unladen)	mm	4943 / 1868 / 1498	4943 / 1868 / 1498
Wheelbase	mm	2975	2975
Track, front/rear	mm	1605 / 1630	1605 / 1630
Ground clearance		140	140
Turning circle	m	12.05	12.22
Fuel tank capacity	approx. Itr	66	66
Engine oil 2)		6.5	6.5
Weight, unladen, to DIN/EU	kg	1750 / 1825	1800 / 1875
Max load to DIN	kg	730	730
Max permissible weight	kg	2480	2530
Max axle load, front/rear	kg	1140 / 1455	1190 / 1455
Max trailer load, braked (12%)/unbraked	kg	2000 / 750	2000 / 750
Max roofload/max towbar download	kg	100 / 90	100 / 90
Luggage comp capacity	1	570 – 1700	570 – 1700
Air resistance	c _d x A	0.27 x 2.35	0.28 x 2.35
Power Unit			
Config/No of cyls/valves		R/6/4	R/6/4
Engine technology	BMW	V TwinPower Turbo technology: variable- rail direct injection with p (max. injection pressure	viezo injectors
Effective capacity	CC	2993	2993
Stroke/bore	mm	90.0 / 84.0	90.0 / 84.0
Compression ratio	:1	16.5	16.5
Fuel		Diesel	Diesel
Max output	kW/hp	195 / 265	195 / 265
at	rpm	4000	4000
Max torque	Nm/lb-ft	620/457	620/457
at	rpm	2000 – 2500	2000 – 2500
Electrical System			
Battery/installation	Ah/-	90 / Luggage compartment	90 / Luggage compartment
Driving Dynamics and Saf		nium double track control arm axle with s	
Suspension, front		steering roll radius, traverse force of	compensation, anti-dive
Suspension, rear	Five	e-link axle in aluminium lightweight constr suspension with automati	,
Brakes, front		Four-piston fixed-calliper dis	c brakes / vented
Brakes, rear		Single-piston floating-calliper of	disc brakes / vented
Driving stability systems	Stan	dard: DSC incl. ABS and DTC (Dynamic Brake Control), DBC (Dynamic Brake Co Fading Compensation, Start-Off Assis xDrive all-wheel-drive system (ontrol), Dry Braking function, stant, DSC networked with
		Optional: Dynamic Damper Cor	
Safety equipment	passe on all	dard: airbags for driver and front passeng enger, head airbags for front and rear sea seats with belt stopper, belt latch tensior ts, crash-active front head restraints, cras	ts, three-point inertia-reel seatbelts her and belt force limiter at the front
Steering	2000	Electric Power Steer Optional: Integral Activ	ing (EPS),
Steering ratio, overall	:1	16.3	16.3
Tyres, front/rear		225/55 R17 97Y	225/55 R17 97Y
Rims, front/rear		7.5J x 17 LM	7.5J x 17 LM

			BMW 530d Touring	BMW 530d xDrive Touring
Transmission	<u> </u>			
Type of transm	-		8-speed Steptronic Transmission	8-speed Steptronic Transmission
Gear ratios	I	:1	5.000	5.000
acai ratios	<u> </u>	:1	3,200	3.20
		:1	2.143	2.14
	IV	:1	1.720	1.72
	V	:1	1.313	1.31
	VI	:1	1.000	1.00
	VII	:1	0.823	0.82
	VIII		0.640	0.64
	R	:1	3,478	3.47
Final drive	11	:1	2.471	2.47
Performance				
Power-to-weig		kg/kW	9.0	9.:
Output per litre		kW/l	65.2	
Acceleration	0–100 km/h	S	5.8	5.
In 5th gear	80–120 km/h		5.0	J.
Top speed	00-120 KIII/II	km/h	250	25
BMW Efficier	ntDumamias			
BMW Efficientl			rake Energy Regeneration with recupera	tion display Flostric Power Steering
standard featur	,		Auto Start Stop function, Optimum Shi	ft Indicator, ECO PRO mode with
			coasting function and Proactive Driving A	
			ptimised aerodynamic attributes, active a of ancillary units, map-regulated oil pump	
		(or ancillary units, map-regulated oil pump with optimised warm-up behaviour, tyre	
			BMW Blue Performa	
			BIVIVV Blue I ellottila	nce technology
Fuel Consum	•			
	tyres, also with 8		ls and 245/45 R18 tyres	
Urban		I/100 km	5.4	6.0
Extra-urban		l/100 km	4.3	4.
Combined		I/100 km	4.7	5.:
CO ₂		g/km	124	13
			nd 245/45 R18 tyres (front), 275/40 R18 ((rear),
	heels and 245/40			
			id 245/40 R19 tyres (front), 275/35 R19 (
	. ,,	< 20 (rear) an	id 245/35 R20 tyres (front), 275/30 R20 (rear)
and with runflat	t turoc			

and with runflat tyres	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Urban	l/100 km	5.7	6.2
Extra-urban	l/100 km	4.6	5.1
Combined	l/100 km	5.0	5.5
CO ₂	g/km	131	144
With winter tyres			
Urban	l/100 km	5.8	6.4
Extra-urban	l/100 km	4.7	5.2
Combined	l/100 km	5.1	5.7
CO ₂	g/km	134	149
Emission rating		EU6	EU6

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

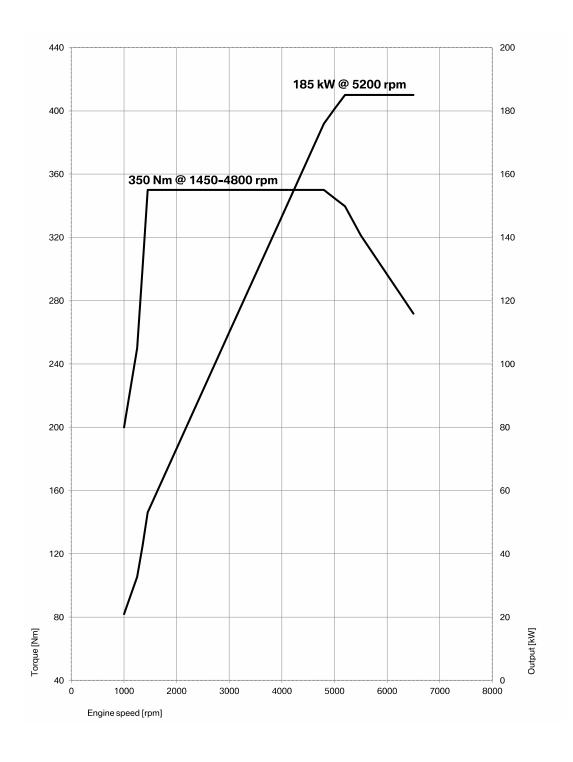
 $^{^{1)}}$ Height including roof fin $^{2)}$ Oil change $^{3)}$ Fuel consumption and $\rm CO_2$ emissions depend on the selected tyre format

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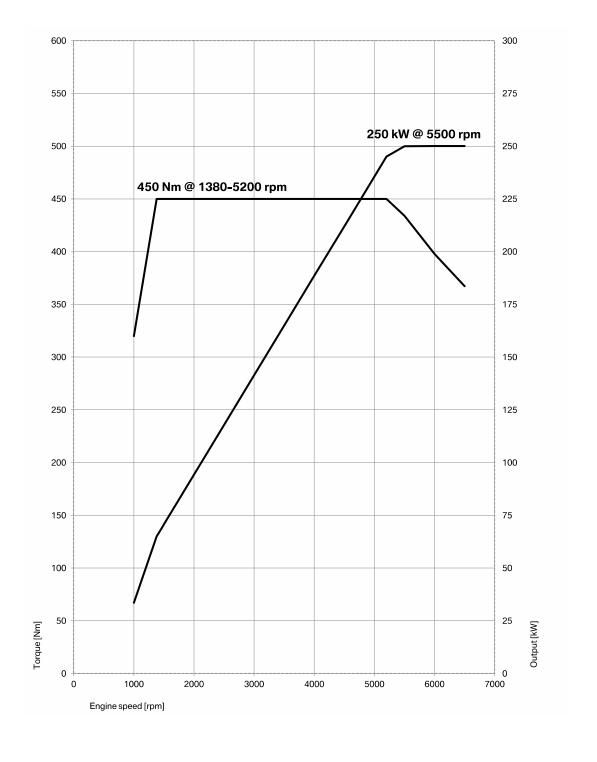
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Output and torque diagrams. The new BMW 5 Series Touring. 530i.

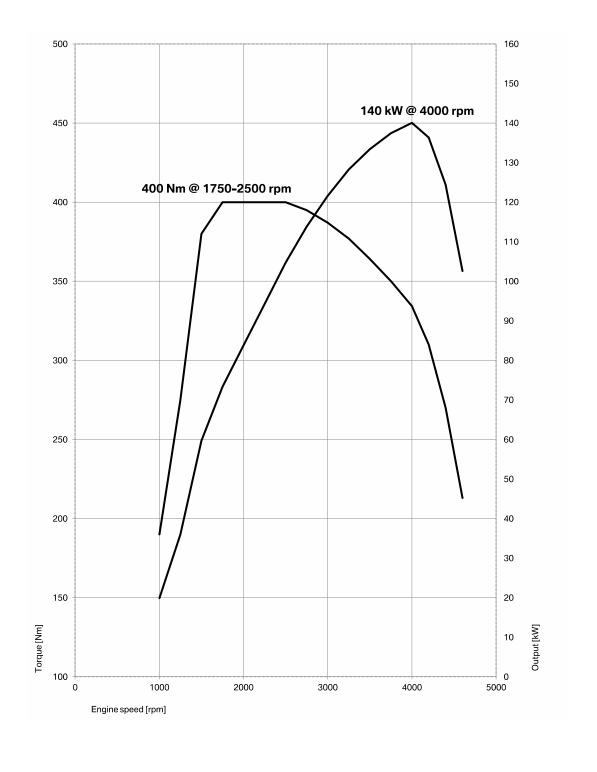




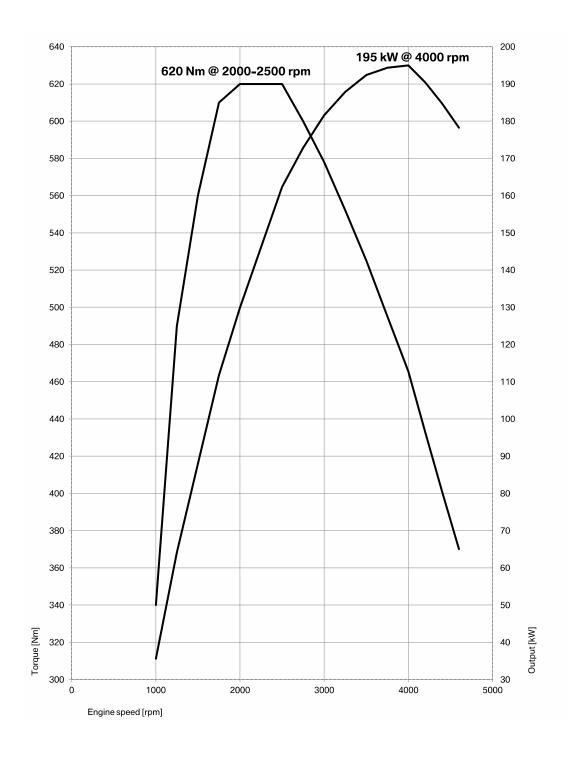
The new BMW 5 Series Touring. 540i xDrive.



The new BMW 5 Series Touring. 520d.







Exterior and interior dimensions. The new BMW 5 Series Touring.



