

Specifications.

BMW 5 Series Touring.

530i xDrive



BMW 530i xDrive Touring

Body

No. of doors/seats		5 / 5
Length/width/height (unladen)	mm	4942 / 1868 / 1498
Wheelbase	mm	2975
Front/rear track	mm	1605 / 1630
Ground clearance	mm	140
Turning circle	m	12.05
Fuel capacity	approx. l	68
Engine oil capacity ¹⁾	l	5.25
Weight, unladen (DIN/EU)	kg	1695 / 1770
Payload (DIN)	kg	730
Permitted total weight	kg	2440
Permitted axle load, front/rear	kg	1115 / 1425
Permitted trailer load (12%) braked/unbraked	kg	2000 / 750
Permitted roof load/trailer download	kg	100 / 90
Luggage compartment capacity	l	570 – 1700
Aerodynamic drag	cx x A	0.28 x 2.35

Engine

Type/no. of cylinders/valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: twin-scroll turbocharger, direct injection system High Precision Injection, fully variable valve control (VALVETRONIC) and double VANOS variable camshaft timing
Effective capacity	cc	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel type		min RON 91
Output	kW/hp	185 / 252
at rpm	min ⁻¹	5200 – 6500
Torque	Nm	350
at rpm	min ⁻¹	1450 – 4800

Electrical

Battery charge/location	Ah/-	90 / luggage compartment
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Driving Dynamics and Safety

Front suspension	Aluminium double track control arm axle with separate lower track arm level, small steering roll radius, traverse force compensation, anti-dive
Rear suspension	Five-link axle in aluminium lightweight construction, double elastic bearing, air suspension with automatic self-levelling
Front brakes	Four-piston fixed-calliper disc brakes / vented
Rear brakes	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, DSC networked with xDrive all-wheel-drive system; optional: Dynamic Damper Control, Adaptive Drive
Safety equipment	Standard: driver and front-seat passenger airbags, driver and front-seat passenger side airbags, head airbags front and rear, three-point automatic seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in front seats, crash sensors, tyre pressure indicator
Steering	Electromechanical rack-and-pinion power steering (EPS); optional: Integral Active Steering
Overall steering ratio	:1 16.3
Front/rear tyres	225/55 R17 97Y
Front/rear wheels	7,5J x 17 light-alloy

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Transmission				
Type of gearbox	8-speed Steptronic			
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	
Differential ratio		:1	2.929	
Performance				
Weight-to-power ratio (DIN unladen)		kg/kW	9.2	
Specific power output		kW/l	92.6	
Acceleration	0–100 km/h	sec	6.3	
	in 5th gear	80–120 km/h	sec	–
Max. speed		km/h	250	
BMW EfficientDynamics				
BMW EfficientDynamics Features included as standard	Brake Energy Regeneration with recuperation display, electric power steering (EPS), Auto Start Stop function, gear shift indicator, ECO PRO mode with coasting function an Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential and power divider with optimized-warm-up behaviour, tyres with reduced rolling resistance			
Fuel consumption (EU) ²⁾				
with standard wheels and tyres, also with 8J x 18 wheels and 245/45 R18 tyres				
Urban		l/100 km	8.2	
Extra-urban		l/100 km	5.5	
Combined		l/100 km	6.5	
CO ₂ emissions		g/km	149	
With 8J x 18 wheels (front), 9J x 18 (rear) and 245/45 R18 tyres (front), 275/40 R18 (rear), with 8J x 19 wheels an 245/40 R19 tyres.				
with 8J x 19 wheels (front), 9J x 19 (rear) and 245/40 R19 tyres (front), 275/35 R19 (rear), with 8J x 20 wheels (front), 9J x 20 (rear) and 245/35 R20 tyres (front), 275/30 R20 (rear) and with runflat tyres				
Urban		l/100 km	8.4	
Extra-urban		l/100 km	5.8	
Combined		l/100 km	6.7	
CO ₂ emissions		g/km	154	
With winter tyres				
Urban		l/100 km	8.6	
Extra-urban		l/100 km	6.0	
Combined		l/100 km	7.0	
CO ₂ emissions		g/km	159	
Emissions standard			EU6	

Specifications apply to ACEA markets; data relevant to homologation applicable in part only to Germany (weight)

¹⁾ Height including roof aerial

²⁾ Oil change volume

³⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format