

Technical specifications.

BMW 2 Series Active Tourer. 218i.



BMW 218i Active Tourer		
Body		
No. of doors / seats		5 / 5
Length/width/height (unladen)	mm	4386 / 1824 / 1576
Wheelbase	mm	2670
Track, front/rear	mm	1586 / 1587
Ground clearance	mm	171
Turning circle	m	11.4
Fuel tank capacity	approx. l	45
Engine oil ¹⁾	l	4.5
Weight, unladen, to DIN/EU	kg	1470 / 1545
Max. load to DIN	kg	545
Max. permissible weight	kg	2015
Max. axle load, front/rear	kg	1070 / 1010
Max. trailer load		
braked (12%)/unbraked	kg	1300 / 750
Max. roofload/towbar download	kg	75 / 75
Luggage comp. capacity	l	470 – 1455
Air resistance	c _x	0.26
Power Unit		
Config./No. of cyls./valves		In-line / 3 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
Effective capacity	cc	1499
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.1
Fuel		min. RON 91
Max. output	kW/hp	100 / 136
at	rpm	4400 – 6500
Max. torque	Nm	230
at	rpm	1500 – 4000
Electrical System		
Battery/installation	Ah/-	70 / engine compartment
Driving Dynamics and Safety		
Suspension, front		Single-joint spring strut axle in lightweight aluminium-steel construction
Suspension, rear		Three-link axle in lightweight steel construction
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), ARB technology (near-actuator wheel slip limitation), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, fading compensation, drive-off assistant, trailer stability control; optional: adaptive M suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, interaction airbag between driver and front passenger, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS) with Servotronic function, optional: sport steering
Steering ratio, overall	:1	15.8
Tyres, front/rear		205/65 R16 95W
Rims, front/rear		7J x 16 light-alloy

BMW 218i Active Tourer			
Transmission			
Type of transmission	Seven-speed Steptronic dual-clutch transmission		
Gear ratios	I	:1	16.991
	II	:1	10.588
	III	:1	7.072
	IV	:1	4.945
	V	:1	3.777
	VI	:1	3.043
	VII	:1	2.518
	R	:1	16.323
Final drive		:1	3.944
Performance			
Power-to-weight ratio (DIN)	kg/kW		14.7
Output per litre	kW/l		66.7
Acceleration 0–100 km/h	s		9.0
Top speed	km/h		214
BMW EfficientDynamics			
BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering, Auto Start Stop function, Optimum Shift Indicator, PERSONAL and EFFICIENT mode with coasting function, Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance		
Fuel Consumption ECE			
Combined (WLTP)	l/100		6.8 – 6.2
CO ₂ (WLTP)	g/km		154 – 140
Emission rating			Euro 6d

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

¹⁾ Oil change

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

All values were calculated based on the new WLTP test cycle. WLTP values are taken as the basis for determining vehicle-related taxes or other duties based (at least inter alia) on CO₂ emissions as well as eligibility for any applicable vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures can also be found at www.bmw.de/wltp.

Further information on official fuel consumption figures and specific CO₂ emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO₂-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guide to the fuel economy, CO₂ emissions and electric power consumption of new passenger cars), which can be obtained free of charge from all dealerships, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen and at <https://www.dat.de/co2/>.

BMW 2 Series Active Tourer. 220i.

BMW 220i Active Tourer		
Body		
No. of doors / seats		5 / 5
Length/width/height (unladen)	mm	4386 / 1824 / 1576
Wheelbase	mm	2670
Track, front/rear	mm	1586 / 1587
Ground clearance	mm	171
Turning circle	m	11.4
Fuel tank capacity	approx. l	45
Engine oil ¹⁾	l	4.5
Weight, unladen, to DIN/EU	kg	1520 / 1595
Max. load to DIN	kg	555
Max. permissible weight	kg	2075
Max. axle load, front/rear	kg	1095 / 1050
Max. trailer load		
braked (12%/unbraked)	kg	1300 / 750
Max. roofload/towbar download	kg	75 / 75
Luggage comp. capacity	l	415 – 1405
Air resistance	C _x	0.26
Power Unit		
Engine technology		BMW TwinPower Turbo technology: turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing, 48V mild hybrid technology using an electric motor integrated into the transmission
Max. output	kW/hp	125 / 170
Max. torque	Nm	280
Petrol Engine		
Config./No. of cyls./valves		In-line / 3 / 4
Effective capacity	cc	1499
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.1
Fuel		min. RON 91
Max. output	kW/hp	115 / 156
at	rpm	4700 – 6500
Max. torque	Nm	240
at	rpm	1500 – 4400
Output per litre	kW/l	76.7
Electric Motor		
Max. output	kW/hp	14 / 19
Max. torque	Nm	55
Electrical System		
12V battery/installation	Ah/–	60 / engine compartment
48V battery/installation	Ah/–	20 / luggage compartment
Driving Dynamics and Safety		
Suspension, front		Single-joint spring strut axle in lightweight aluminium-steel construction
Suspension, rear		Three-link axle in lightweight steel construction
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), ARB technology (near-actuator wheel slip limitation), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, fading compensation, drive-off assistant, trailer stability control; optional: adaptive M suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, interaction airbag between driver and front passenger, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS) with Servotronic function, optional: sport steering
Steering ratio, overall	:1	15.8
Tyres, front/rear		205/65 R16 95W
Rims, front/rear		7J x 16 light-alloy

BMW 220i Active Tourer			
Transmission			
Type of transmission	Seven-speed Steptronic dual-clutch transmission		
Gear ratios	I	:1	16.991
	II	:1	10.588
	III	:1	7.072
	IV	:1	4.945
	V	:1	3.777
	VI	:1	3.043
	VII	:1	2.518
	R	:1	16.323
Final drive		:1	3.944
Performance			
Power-to-weight ratio (DIN)	kg/kW		13.2
Acceleration 0–100 km/h	s		8.1
Top speed	km/h		221
BMW EfficientDynamics			
BMW EfficientDynamics standard features	48V mild hybrid technology, Brake Energy Regeneration with recuperation display, Auto Start Stop function, PERSONAL and EFFICIENT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance		
Fuel Consumption ECE			
Combined (WLTP)	l/100		6.5 – 5.9
CO ₂ (WLTP)	g/km		148 – 133
Emission rating			Euro 6d

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

¹⁾ Oil change

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

All values were calculated based on the new WLTP test cycle. WLTP values are taken as the basis for determining vehicle-related taxes or other duties based (at least inter alia) on CO₂ emissions as well as eligibility for any applicable vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures can also be found at www.bmw.de/wltp.

Further information on official fuel consumption figures and specific CO₂ emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO₂-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guide to the fuel economy, CO₂ emissions and electric power consumption of new passenger cars), which can be obtained free of charge from all dealerships, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen and at <https://www.dat.de/co2/>.

BMW 2 Series Active Tourer. 223i.

BMW 223i Active Tourer		
Body		
No. of doors / seats		5 / 5
Length/width/height (unladen)	mm	4386 / 1824 / 1576
Wheelbase	mm	2670
Track, front/rear	mm	1586 / 1587
Ground clearance	mm	171
Turning circle	m	11.4
Fuel tank capacity	approx. l	45
Engine oil ¹⁾	l	5.25
Weight, unladen, to DIN/EU	kg	1545 / 1620
Max. load to DIN	kg	560
Max. permissible weight	kg	2105
Max. axle load, front/rear	kg	1120 / 1050
Max. trailer load		
braked (12%)/unbraked	kg	1500 / 750
Max. roofload/towbar download	kg	75 / 75
Luggage comp. capacity	l	415 – 1405
Air resistance	C _x	0.27
Power Unit		
Engine technology		BMW TwinPower Turbo technology: twin-scroll turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing, 48V mild hybrid technology using an electric motor integrated into the transmission
Max. output	kW/hp	160 / 218
Max. torque	Nm	360
Petrol Engine		
Config./No. of cyls./valves		In-line / 4 / 4
Effective capacity	cc	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.1
Fuel		min. RON 91
Max. output	kW/hp	150 / 204
at	rpm	5000 – 6500
Max. torque	Nm	320
at	rpm	1500 – 4000
Output per litre	kW/l	75.1
Electric Motor		
Max. output	kW/hp	14 / 19
Max. torque	Nm	55
Electrical System		
12V battery/installation	Ah/-	60 / engine compartment
48V battery/installation	Ah/-	20 / luggage compartment
Driving Dynamics and Safety		
Suspension, front		Single-joint spring strut axle in lightweight aluminium-steel construction
Suspension, rear		Three-link axle in lightweight steel construction
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), ARB technology (near-actuator wheel slip limitation), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, fading compensation, drive-off assistant, trailer stability control; optional: adaptive M suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, interaction airbag between driver and front passenger, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS) with Servotronic function, optional: sport steering
Steering ratio, overall	:1	15.8
Tyres, front/rear		205/60 R17 97W XL
Rims, front/rear		7J x 17 light-alloy

BMW 223i Active Tourer			
Transmission			
Type of transmission	Seven-speed Steptronic dual-clutch transmission		
Gear ratios	I	:1	16.324
	II	:1	9.573
	III	:1	5.899
	IV	:1	4.129
	V	:1	3.196
	VI	:1	2.558
	VII	:1	2.073
	R	:1	14.663
Final drive		:1	3.789
Performance			
Power-to-weight ratio (DIN)	kg/kW		10.3
Acceleration 0–100 km/h	s		7.0
Top speed	km/h		241
BMW EfficientDynamics			
BMW EfficientDynamics standard features	48V mild hybrid technology, Brake Energy Regeneration with recuperation display, Auto Start Stop function, PERSONAL and EFFICIENT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance		
Fuel Consumption ECE			
Combined (WLTP)	l/100		6.6 – 6.0
CO ₂ (WLTP)	g/km		149 – 137
Emission rating			Euro 6d

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BMW 2 Series Active Tourer. 218d.

BMW 218d Active Tourer		
Body		
No. of doors / seats		5 / 5
Length/width/height (unladen)	mm	4386 / 1824 / 1576
Wheelbase	mm	2670
Track, front/rear	mm	1586 / 1587
Ground clearance	mm	171
Turning circle	m	11.4
Fuel tank capacity	approx. l	45
Engine oil ¹⁾	l	6.5
Weight, unladen, to DIN/EU	kg	1545 / 1620
Max. load to DIN	kg	540
Max. permissible weight	kg	2085
Max. axle load, front/rear	kg	1115 / 1030
Max. trailer load		
braked (12%/unbraked)	kg	1400 / 750
Max. roofload/towbar download	kg	75 / 75
Luggage comp. capacity	l	470 – 1455
Air resistance	C _x	0.26
Power Unit		
Config./No. of cyls./valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, low-pressure turbocharger with variable inlet geometry, common-rail direct injection with solenoid injectors (max. injection pressure: 2500 bar)
Effective capacity	cc	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max. output	kW/hp	110 / 150
at	rpm	3750 – 4000
Max. torque	Nm	360
at	rpm	1500 – 2500
Electrical System		
Battery/installation	Ah/–	70 / engine compartment
Driving Dynamics and Safety		
Suspension, front		Single-joint spring strut axle in lightweight aluminium-steel construction
Suspension, rear		Three-link axle in lightweight steel construction
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), ARB technology (near-actuator wheel slip limitation), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, fading compensation, drive-off assistant, trailer stability control; optional: adaptive M suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, interaction airbag between driver and front passenger, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS) with Servotronic function, optional: sport steering
Steering ratio, overall	:1	15.8
Tyres, front/rear		205/65 R16 95W
Rims, front/rear		7J x 16 light-alloy

BMW 218d Active Tourer			
Transmission			
Type of transmission	Seven-speed Steptronic dual-clutch transmission		
Gear ratios	I	:1	14.964
	II	:1	8.776
	III	:1	5.408
	IV	:1	3.785
	V	:1	2.930
	VI	:1	2.345
	VII	:1	1.901
	R	:1	13.441
Final drive		:1	3.474
Performance			
Power-to-weight ratio (DIN)	kg/kW		14.0
Output per litre	kW/l		55.1
Acceleration 0–100 km/h	s		8.8
Top speed	km/h		220
BMW EfficientDynamics			
BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering, Auto Start Stop function, Optimum Shift Indicator, PERSONAL and EFFICIENT mode with coasting function, Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter		
Fuel Consumption ECE			
Combined (WLTP)	l/100		5.3 – 4.8
CO ₂ (WLTP)	g/km		138 – 125
Emission rating			Euro 6d

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¹⁾ Oil change

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