BMW Media Information

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Specifications. BMW 2 Series Gran Tourer 5-seater. 216i.



		BMW 216i Gran Tourer
Body		
No. of doors/seats		5/5
Length/width/height (unladen)	mm	4568 / 1800 / 1608
Wheelbase	mm	2780
Frack, front/rear	mm	1561 / 1562
Ground clearance	mm	165
Furning circle	m	11.7
Fank capacity	approx. Itr	51
Engine oil 1)	ltr	4.25
Weight, unladen, to DIN/EU		1410 / 1485
Max. load to DIN	kg	
Max. permissible weight	kg	630 2055
	kg	
Max. axle load, front/rear	kg	1010 / 1055
Max. trailer load,	kg	1100 / 700
praked (12%)/unbraked	1	1100 / 730
Max. roof load/towbar download	kg	75 / 75
Luggage comp. capacity	ltr	645 – 1905
Air resistance	c _d x A	0.30 x 2.45
Engine		
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	cm ³	1499
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel	• • • • • • • • • • • • • • • • • • • •	min RON 91
Dutput	kW/hp	80 / 109
at	rpm	4300 – 6500
Forque	Nm	190
at	rpm	1380 – 3800
at	тріпі	1550 – 5600
Electrical System		
Battery/Installation	Ah/–	70 / engine comp.
Driving Dynamics and Safety		
Suspension, front		Single-joint spring strut axle in lightweight aluminium-steel construction
Suspension, rear		Multi-arm 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, ASC and DTC (Dynamic Traction Control),
onving stability systems		CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying
		function, fading compensation, start-off assistant, Performance Control
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver an
		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 a
		the front seats, crash sensors, Tyre Pressure Indicator
Steering		Electromechanical rack-and-pinion power steering (EPS)
Stoomig		with Servotronic function
Steering ratio overall	.1	16.0
Steering ratio, overall Tyres, front/rear	:1	16.0 205/60 R16 96V XL

			BMW 216i Gran Tourer
Transmission			
Type of gearbox	(6-speed manual
Gear ratios	<u> </u>	:1	3.615
		:1	1.952
	III	:1	1.241
	IV	:1	0.969
	V	:1	0.806
	VI	:1	0.683
	R	:1	3.538
Final drive		:1	3.882
Performance			
Power-to-weigh	t ratio (DIN)	kg/kW	17.6
Output per litre		kW/l	53.4
Acceleration	0–100 km/h	S	11.7
Top speed		km/h	188
BMW Efficient	Dynamics		
BMW EfficientD	ynamics		Brake Energy Regeneration with recuperation display, EPS (Electric Power
standard feature	es		Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO
			mode, BMW EfficientLightweight, optimised aerodynamic attributes, on-
			demand operation of ancillary units, map-controlled oil pump, differential
			with optimized-warm-up behaviour, tyres with reduced rolling resistance
Fuel consump	tion EU cycle		
Urban		ltr/100 km	7.1
Extra-urban		ltr/100 km	5.1
Combined		ltr/100 km	5.9
CO ₂		g/km	134
Emission rating			EU6d-TEMP

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

¹⁾ Oil change volume

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BMW 2 Series Gran Tourer 5-seater. 218i.

		BMW 218i Gran Tourer
Body		
No. of doors/seats		5/5
Length/width/height (unladen)	mm	4568 / 1800 / 1608
Wheelbase	mm	2780
Track, front/rear	mm	1561 / 1562
Ground clearance	mm	165
Turning circle	m	11.7
Tank capacity	approx. ltr	51
Engine oil 1)	ltr	4.25
Weight, unladen, to DIN/EU		1415 / 1490
vveignt, unladen, to bliv/Eo	kg	(1440 / 1515)
Max. load to DIN	kg	630
Max. permissible weight	kg	2060 (2090)
Max. axle load, front/rear		1015 (1045) / 1055
Max. trailer load.	kg	1015 (1045)7 1055
braked (12%)/unbraked	kg	1500 / 735
<u> </u>	l.a	
Max. roof load/towbar download	kg Itr	75 / 75 645 – 1905
Luggage comp. capacity	ltr	0.28 x 2.45
<u>Air resistance</u>	c _d x A	0.28 X 2.45
Engine		
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	cm ³	1499
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min RON 91
Output	kW/hp	103 / 140
at	rpm	4500 – 6500
Torque	Nm	220
at	rpm	1480 – 4200
Electrical System		
Battery/Installation	Ah/-	70 / engine comp.
Battorymotaliation	7 4 17	707 ongino comp.
Driving Dynamics and Safety		
Suspension, front		Single-joint spring strut axle in lightweight aluminium-steel construction
Suspension, rear		Multi-arm 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, ASC and DTC (Dynamic Traction Control),
		CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying
		function, fading compensation, start-off assistant, Performance Control
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)
Steering ratio, overall	:1	with Servotronic function 16.0
	.1	205/60 R16 96V XL
Tyres, front/rear		7J x 16 light-alloy
Rims, front/rear		70 x 10 light-alloy

			BMW 218i Gran Tourer
Transmission			
Type of gearbox			6-speed manual (7-speed Steptronic with double clutch)
Gear ratios	1	:1	3.615 (17.348)
deal fallos	<u>'</u>		1.952 (10.232)
	III	:1	1.932 (10.232)
	IV		, ,
	V	:1	0.969 (4.615)
		:1	0.806 (3.572)
	VI	:1	0.683 (2.819)
	VII	:1	- (2.285)
	R	:1	3.538 (15.892)
Final drive		:1	3.882 (4.176)
Performance			
Power-to-weight ratio (DIN)	kg/kW	13.7 (14.0)
Output per litre		kW/l	68.7
Acceleration 0–100 kr	n/h	S	9.5 (9.6)
Top speed		km/h	205 (205)
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 (automatic), BMW EfficientLightweight,
			optimised aerodynamic attributes, on-demand operation of ancillary units,
			map-controlled oil pump, differential with optimized-warm-up behaviour,
			tyres with reduced rolling resistance
Fuel consumption EU cy	ycle		
Urban		ltr/100 km	7.3 (7.2)
Extra-urban		ltr/100 km	5.0 (5.2)
Combined		ltr/100 km	5.9 (6.0)
CO ₂		g/km	134 (137)
Emission rating			EU6d-TEMP

¹⁾ Oil change volume

BMW 2 Series Gran Tourer 5-seater. 220i.

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		BMW 220i Gran Tourer
Body		
No. of doors/seats		5/5
Length/width/height (unladen)	mm	4568 / 1800 / 1608
Wheelbase	mm	2780
Track, front/rear	mm	1557 / 1558
Ground clearance	mm	165
Turning circle	m	11.7
Tank capacity	approx. ltr	51
Engine oil 1)	ltr	5.25
Weight, unladen, to DIN/EU	kg	1485 / 1560
Max. load to DIN	kg	630
Max. permissible weight	kg	2140
Max. axle load, front/rear	kg	1075 / 1065
Max. trailer load,	kg	
braked (12%)/unbraked		1500 / 750
Max. roof load/towbar download	kg	75 / 75
Luggage comp. capacity	ltr	645 – 1905
Air resistance	c _d x A	0.32 x 2.45
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	11.0
Fuel		min RON 91
Output	kW/hp	141 / 192
at	rpm	5000 – 6000
Torque	Nm	280
at	rpm	1350 – 4600
Electrical System		
Battery/Installation	Ah/–	70 / engine comp.
Driving Dynamics and Safety		
Suspension, front		Single-joint spring strut axle in lightweight aluminium-steel construction
Suspension, rear		Multi-arm 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, ASC and DTC (Dynamic Traction Control),
z.iii.ig ataziiity ayataiiia		CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying
		function, fading compensation, start-off assistant, Performance Control
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
7 - 4- ii		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)
3		with Servotronic function
Steering ratio, overall	:1	16.0
Tyres, front/rear		205/55 R17 95W XL

		BMW 220i Gran Tourer
Transmission		7 10:
Type of gearbox		7-speed Steptronic with double clutch
Gear ratios	I :1	15.304
	II :1	9.026
	III :1	5.735
	IV :1	4.015
	V :1	3.108
	VI :1	2.487
	VII :1	2.016
	R :1	13.825
Final drive	:1	3.684
Performance		
Power-to-weight ratio (DIN)	kg/kW	10.5
Output per litre	kW/l	70.6
Acceleration 0–100 km/	/h s	7,6
Top speed	km/h	222
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, BMW EfficientLightweight, optimised
		aerodynamic attributes, on-demand operation of ancillary units, map-
		controlled oil pump, differential with optimized-warm-up behaviour, tyres
		with reduced rolling resistance
Fuel consumption EU cyc		
Urban	ltr/100 km	7.2
Extra-urban	ltr/100 km	5.5
Combined	ltr/100 km	6.1
<u>CO</u> ₂	g/km	139
Emission rating		EU6d-TEMP

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

¹⁾ Oil change volume

BMW 2 Series Gran Tourer 5-seater. 216d.

		BMW 216d Gran Tourer
Dodu		
Body No. of doors/seats		5/5
Length/width/height (unladen)	mm	4568 / 1800 / 1608
Wheelbase		2780
Track, front/rear	mm	1561 / 1562
Ground clearance	mm	165
Turning circle	mm m	11.7
	approx. ltr	51
Tank capacity Engine oil 1)	approx. iti	4.8
Weight, unladen, to DIN/EU		1480 / 1555
Weight, unladen, to blivie	kg	(1500 / 1575)
Max. load to DIN	ka	630
Max. permissible weight	kg	2130 (2155)
	kg	, ,
Max. axle load, front/rear Max. trailer load,	kg	1055 / 1090 (1075 / 1090)
,	kg	1500 / 750
braked (12%)/unbraked Max. roof load/towbar download	l/a	75/75
Luggage comp. capacity	kg Itr	645 – 1905
Air resistance	C _d x A	0.28 x 2.45
All resistance	Cd X A	0.28 X 2.45
Engine		
Config./No. of cyls./valves		in-line / 3 / 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	1496
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Output	kW/hp	85 / 116
at	rpm	4000
Torque	Nm	270
at	rpm	1750 – 2250
Electrical System		
Battery/Installation	Ah/-	70 / engine comp.
		<u> </u>
Driving Dynamics and Safety		
Suspension, front		Single-joint spring strut axle in lightweight aluminium-steel construction
Suspension, rear		Multi-arm 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, ASC and DTC (Dynamic Traction Control),
		CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying
		function, fading compensation, start-off assistant, Performance Control
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
Steering ratio, overall	:1	16.0
Tyres, front/rear		205/60 R16 96V XL
Rims, front/rear		7J x 16 light-alloy

			BMW 216d Gran Tourer
Transmission			
Type of gearbox			6-speed manual (7-speed Steptronic with double clutch)
Gear ratios		:1	3.923 (16.385)
	l		2.136 (9.664)
	II		1.276 (6.181)
	IV		0.921 (4.327)
	V		0.756 (3.349)
	V	l :1	0.628 (2.663)
	VI	<u>:1</u>	– (2.158)
	R	:1	3.538 (14.898)
Final drive		:1	3.389 (3.944)
Performance			
Power-to-weight	t ratio (DIN)	kg/kW	17.4 (17.6)
Output per litre		kW/l	56.8
Acceleration	0-100 km/h	S	11.5 (11.5)
Top speed		km/h	192 (192)
BMW Efficient	Dynamics		
BMW EfficientD	ynamics		Brake Energy Regeneration with recuperation display, EPS (Electric Powe
standard feature	S		Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO
			mode with coasting function (automatic), BMW EfficientLightweight,
			optimised aerodynamic attributes, on-demand operation of ancillary units,
			map-controlled oil pump, differential with optimized-warm-up behavior,
			tyres with reduced rolling resistance, BMW Blue Performance technology
			including SCR catalytic converter
Fuel consump	tion EU cycle		
Urban		Itr/100 km	4.9 (4.7)
Extra-urban		ltr/100 km	4.1 (4.3)
Combined		ltr/100 km	4.4 (4.4)
CO ₂		g/km	116 (117)
Emission rating			EU6d-TEMP

¹⁾ Oil change volume

BMW 2 Series Gran Tourer 5-seater. 218d.

		BMW 218d Gran Tourer
Podu		
Body No. of doors/seats		5/5
Length/width/height (unladen)	mm	4568 / 1800 / 1608
	mm	
Wheelbase Track front/roor	mm	2780 1557 / 1558
Track, front/rear Ground clearance	mm	
	mm	165 11.7
Turning circle	m oppravi Itr	
Tank capacity Engine oil 1)	approx. ltr	51
	ltr	5.5
Weight, unladen, to DIN/EU	kg	1520 / 1595
May Jacobs DINI	l.e.	(1540 / 1615)
Max. load to DIN	kg	630
Max. permissible weight	kg	2170 (2205)
Max. axle load, front/rear	kg	1090 / 1090 (1130 / 1090)
Max. trailer load,	kg	4500 / 350
braked (12%)/unbraked		1500 / 750
Max. roof load/towbar download	kg 	75 / 75
Luggage comp. capacity	<u>ltr</u>	645 – 1905
Air resistance	C _d x A	0.28 x 2.45
Engine		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage charging, 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	110 / 150
at	rpm	4000
Torque	Nm	350
at	rpm	1750 – 2500
Electrical System		
Battery/Installation	Ah/-	70 / engine comp.
Driving Dynamics and Safety		
Suspension, front		Single-joint spring strut axle in lightweight aluminium-steel construction
Suspension, rear		Multi-arm 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, ASC and DTC (Dynamic Traction Control),
Driving stability systems		CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying
		function, fading compensation, start-off assistant, Performance Control
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
Carety equipment		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)
Steering		with Servotronic function
Steering ratio, overall	:1	16.0
Tyres, front/rear	.!	205/55 R17 95W XL
Rims, front/rear		7.5J x 17 light-alloy
rams, nonvicai		1.55 x 11 light-alloy

		BMW 218d Gran Tourer
Transmission		
Type of gearbox		6-speed manual (6-speed Steptronic)
Gear ratios I	:1	3.923 (4.459)
	Ⅱ :1	2.136 (2.508)
	III :1	1.276 (1.556)
	IV :1	0.919 (1.142)
	V :1	0.725 (0.851)
	VI :1	0.605 (0.672)
	R :1	3.538 (3.185)
Final drive	:1	3.389 (2.774)
		, ,
Performance		
Power-to-weight ratio (DIN)	kg/kW	13.8 (14.0)
Output per litre	kW/l	55.1
Acceleration 0–100 km/h	1 S	9.4 (9.4)
Top speed	km/h	207 (207)
		· ·
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 (automatic), BMW EfficientLightweight,
		optimised aerodynamic attributes, on-demand operation of ancillary units,
		map-controlled oil pump, differential with optimized-warm-up behavior,
		tyres with reduced rolling resistance, BMW Blue Performance technology
		including SCR catalytic converter
Fuel consumption EU cycl		
Urban	ltr/100 km	5.3 (5.2)
Extra-urban	ltr/100 km	4.2 (4.2)
Combined	Itr/100 km	4.6 (4.6)
CO ₂	g/km	120 (121)
Emission rating		EU6d-TEMP

¹⁾ Oil change volume

BMW 2 Series Gran Tourer 5-seater. 218d xDrive.

		BMW 218d xDrive Gran Tourer
Body		
No. of doors/seats		5/5
Length/width/height (unladen)	mm	4568 / 1800 / 1608
Wheelbase	mm	2780
Track, front/rear	mm	1557 / 1558
Ground clearance	mm	165
Turning circle	m	11.7
Tank capacity	approx. ltr	51
Engine oil 1)	ltr	5.5
Weight, unladen, to DIN/EU	kg	1590 / 1665 (1610 / 1685)
Max, load to DIN	kg	630
Max. permissible weight	kg	2245 (2265)
Max. axle load, front/rear	kg	1125 / 1130 (1150 / 1125)
Max. trailer load, braked (12%)/unbraked	kg	1600 / 750
Max. roof load/towbar download	ka	75/75
	kg Itr	645 – 1905
Luggage comp. capacity Air resistance	C _d x A	0.29 x 2.45
All Tesistance	Cd X A	0.29 X 2.43
Engine		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage charging, 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	110 / 150
at	rpm	4000
Torque	Nm	350
at	rpm	1750 – 2500
Electrical System		
Battery/Installation	Ah/–	70 / engine comp.
Driving Dynamics and Safety		
Suspension, front		Single-joint spring strut axle in lightweight aluminium-steel construction
Suspension, rear		Multi-arm 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, ASC and DTC (Dynamic Traction Control),
3 , ,		CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying
		function, fading compensation, start-off assistant, Performance Control,
		networked with xDrive all-wheel-drive system
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)
Steering ratio, overall	:1	with Servotronic function 16.0
Tyres, front/rear		205/55 R17 95W XL
Rims, front/rear		7.5J x 17 light-alloy

			BMW 218d xDrive Gran Tourer
Transmission			
Type of gearbox			6-speed manual (8-speed Steptronic)
Gear ratios	l	:1	3.539 (5.519)
	II	:1	1.923 (3.184)
	III	:1	1.219 (2.050)
	IV	:1	0.881 (1.492)
	V	:1	0.810 (1.235)
	VI	:1	0.674 (1.000)
	VII	:1	- (0.801)
	VIII	:1	- (0.673)
	R	:1	3.831 (4.221)
Final drive		:1	4.059 (2.774)
Performance			
Power-to-weight	t ratio (DIN)	kg/kW	14.5 (14.6)
Output per litre	· · ·	kW/l	55.1
Acceleration	0-100 km/h	s	9.1 (9.4)
Top speed		km/h	205 (205)
BMW Efficient	Dvnamics		
BMW EfficientD	_•		Brake Energy Regeneration with recuperation display, EPS (Electric Power
standard feature			Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function (automatic), BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, differential and power divider with optimized-warm-up behavior, tyres with reduced rolling resistance, BMW Blue Performance technology including SCR catalytic converter
Fuel consumpt	tion EU cycle		
Urban		ltr/100 km	5.9 (5.4)
Extra-urban		ltr/100 km	4.8 (4.5)
Combined		ltr/100 km	5.2 (4.8)
CO ₂		g/km	137 (127)
Emission rating			EU6d-TEMP

¹⁾ Oil change volume

BMW 2 Series Gran Tourer 5-seater. 220d.

No. of doors/seats			BMW 220d Gran Tourer
No. of doorsleats	 Rody		
Length-Width/height (unladen)			5/5
Wheelbase mm 2780 Track, front/rear mm 1557/1558 Ground clearance mm 165 Turning circle m 11.7 Tank capacity approx. ltr 51 Engine oil ¹⁰ ltr 5.5 Weight, unladen, to DINEU kg 6.30 Max. load to DIN kg 6.30 Max. permissible weight kg 6.30 Max. ack load, front/ear kg 1125 / 1100 Max. ack load, front/ear kg 1125 / 1100 Max. rof load/kowbar download kg 75 / 75 Luggage comp. capacity ltr 6.45 - 1905 Air resistance ca x A 0.30 x 2.45 Engine In-line / 4 / 4 4 Engine technology BMW TwinPower Turbo technology: multi-stage charging, turbocharg with variable inlet geometry, common rail direct fuel injection with solen injectors (max. injection pressure: 2000 bar) Effective capacity cm³ 1995 StrokeBore mm 90.07 8.40 Compression ratio :1 16.5		mm	
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Suspension, front Single-joint spring strut axle in lightweight aluminium-steel construction Suspension, rear Multi-arm axle in lightweight steel construction Brakes, front Single-piston floating-calliper disc brakes Brakes, rear Single-piston floating-calliper disc brakes Brakes, rear Single-piston floating-calliper disc brakes Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake dryit function, fading compensation, start-off assistant, Performance Control Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inerti reel seatbelts on all seats with belt latch tensioner and belt force limiter the front seats, crash sensors, Tyre Pressure Indicator Steering Electromechanical rack-and-pinion power steering (EPS)	Battery/Installation	Ah/–	70 / engine comp.
Suspension, front Single-joint spring strut axle in lightweight aluminium-steel construction Suspension, rear Multi-arm 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, ASC and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake dryit function, fading compensation, start-off assistant, Performance Control Safety equipment Standard: airbags for driver and front passenger, side airbags for driver and front passenger, side airbags for front passenger, head airbags for front and rear seats, three-point inertifeel seatbelts on all seats with belt latch tensioner and belt force limiter the front seats, crash sensors, Tyre Pressure Indicator Steering Electromechanical rack-and-pinion power steering (EPS)	Driving Dynamics and Safety		
Suspension, rear Multi-arm 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, ASC and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake dryi function, fading compensation, start-off assistant, Performance Control Standard: airbags for driver and front passenger, side airbags for driver a front passenger, head airbags for front and rear seats, three-point inerti reel seatbelts on all seats with belt latch tensioner and belt force limiter the front seats, crash sensors, Tyre Pressure Indicator Steering Electromechanical rack-and-pinion power steering (EPS)			Single-joint spring strut axle in lightweight aluminium-steel construction
Brakes, front Brakes, front Single-piston floating-calliper disc brakes Brakes, rear Single-piston floating-calliper disc brakes Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake dryi function, fading compensation, start-off assistant, Performance Control Safety equipment Standard: airbags for driver and front passenger, side airbags for driver a front passenger, head airbags for front and rear seats, three-point inerti reel seatbelts on all seats with belt latch tensioner and belt force limiter the front seats, crash sensors, Tyre Pressure Indicator Steering Electromechanical rack-and-pinion power steering (EPS)			
Brakes, rear Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assistant, Performance Control Safety equipment Standard: airbags for driver and front passenger, side airbags for driver and front passenger, side airbags for driver and airbags for front and rear seats, three-point inerting reel seatbelts on all seats with belt latch tensioner and belt force limiter the front seats, crash sensors, Tyre Pressure Indicator Steering Electromechanical rack-and-pinion power steering (EPS)			
Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake dryi function, fading compensation, start-off assistant, Performance Control Safety equipment Standard: airbags for driver and front passenger, side airbags for driver a front passenger, head airbags for front and rear seats, three-point inerti reel seatbelts on all seats with belt latch tensioner and belt force limiter the front seats, crash sensors, Tyre Pressure Indicator Steering Electromechanical rack-and-pinion power steering (EPS)			
CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assistant, Performance Control Safety equipment Standard: airbags for driver and front passenger, side airbags for driver and front pas			
function, fading compensation, start-off assistant, Performance Contro Safety equipment Standard: airbags for driver and front passenger, side airbags for driver a front passenger, head airbags for front and rear seats, three-point inerti reel seatbelts on all seats with belt latch tensioner and belt force limiter the front seats, crash sensors, Tyre Pressure Indicator Steering Electromechanical rack-and-pinion power steering (EPS)	Driving stability systems		
Safety equipment Standard: airbags for driver and front passenger, side airbags for driver a front passenger, head airbags for front and rear seats, three-point inerting reel seatbelts on all seats with belt latch tensioner and belt force limiter the front seats, crash sensors, Tyre Pressure Indicator Steering Electromechanical rack-and-pinion power steering (EPS)			
front passenger, head airbags for front and rear seats, three-point inerti reel seatbelts on all seats with belt latch tensioner and belt force limiter the front seats, crash sensors, Tyre Pressure Indicator Steering Electromechanical rack-and-pinion power steering (EPS)	Cofety and description		
reel seatbelts on all seats with belt latch tensioner and belt force limiter the front seats, crash sensors, Tyre Pressure Indicator Steering Electromechanical rack-and-pinion power steering (EPS)	Salety equipment		
the front seats, crash sensors, Tyre Pressure Indicator Steering Electromechanical rack-and-pinion power steering (EPS)			
Steering Electromechanical rack-and-pinion power steering (EPS)			
	Ctooring		
WILL OU VOLUTION UND	Steering		, , ,
Steering ratio, overall :1 16.0	Steering ratio, overall	:1	
Tyres, front/rear 205/55 R17 95W XL			
Rims, front/rear 7.5J x 17 light-alloy			

			BMW 220d Gran Tourer	
Transmission	n			
Type of gearbo	OX		8-speed Steptronic	
Gear ratios	I	:1	5.519	
	II	:1	3.184	
	III	:1	2.050	
	IV	:1	1.492	
	V	:1	1.235	
	VI	:1	1.000	
	VII	:1	0.801	
	VIII	:1	0.673	
	R	:1	4.221	
Final drive		:1	2.774	
Performance	!			
Power-to-weig	ht ratio (DIN)	kg/kW	11.1	
Output per litre		kW/l	70.2	
Acceleration	0–100 km/h	S	8.0	
Top speed		km/h	220	
BMW Efficier	ntDynamics			
BMW EfficientDynamics		Brake Energy Regeneration with recuperation display, EPS (Electric Power		
standard featu	res		Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-	
		CC	ontrolled oil pump, differential with optimized-warm-up behavior, tyres wit	

 SCR catalytic converter

 Fuel consumption EU cycle

 Urban
 Itr/100 km
 5.1

 Extra-urban
 Itr/100 km
 4.3

 Combined
 Itr/100 km
 4.6

 CO2
 g/km
 121

 Emission rating
 EU6d-TEMP

reduced rolling resistance, BMW Blue Performance technology including

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

¹⁾ Oil change volume

BMW 2 Series Gran Tourer 5-seater. 220d xDrive.

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		BMW 220d xDrive Gran Tourer
Body		
No. of doors/seats		5/5
Length/width/height (unladen)	mm	4568 / 1800 / 1608
Wheelbase	mm	2780
Track, front/rear	mm	1557 / 1558
Ground clearance	mm	165
Turning circle	m	11.7
Tank capacity	approx. Itr	51
Engine oil 1)	Itr	5.5
Weight, unladen, to DIN/EU	kg	1615 / 1690
Max. load to DIN	kg	630
Max. permissible weight	kg	2280
Max. axle load, front/rear	kg	1145 / 1140
Max. trailer load,	kg	114371140
braked (12%)/unbraked	ĸy	1600 / 750
Max. roof load/towbar download	kg	75 / 75
Luggage comp. capacity	ltr	645 – 1905
Air resistance	C _d x A	0.31 x 2.45
All resistance	CaxA	0.01 \ 2.40
Engine		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage charging, 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		
Electrical System	Ah/-	70 / angina gama
Battery/Installation	An-	70 / engine comp.
Driving Dynamics and Safety		
Suspension, front		Single-joint spring strut axle in lightweight aluminium-steel construction
Suspension, rear		Multi-arm 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, ASC and DTC (Dynamic Traction Control),
3		CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying
		function, fading compensation, start-off assistant, Performance Control,
		networked with xDrive all-wheel-drive system
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
0, , , ,	:1	16.0
Steering ratio, overall		16.6
Tyres, front/rear		205/55 R17 95W XL

			BMW 220d xDrive Gran Tourer
Transmission			
Type of gearbox			8-speed Steptronic
Gear ratios		:1	5.519
Gear ratios	<u>'</u>	:1	3.184
		:1	2.050
	IV		2.050
	IV	:1	
	· · · · · · · · · · · · · · · · · · ·	:1	1.235
	VI	:1	1.000
	VII	:1	0.801
	VIII	:1	0.673
	R	:1	4.221
Final drive		:1	2.774
Performance			
Power-to-weight	t ratio (DIN)	kg/kW	11.5
Output per litre	· · ·	kW/l	70.2
Acceleration	0-100 km/h	s	7.8
Top speed		km/h	218
BMW Efficient	Dynamics		
BMW EfficientDv			Brake Energy Regeneration with recuperation display, EPS (Electric Power
standard feature	,		Stake Energy Regeneration with recuperation display, EPS (Electric Power Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, mapcontrolled oil pump, differential and power divider with optimized-warm-up behavior, tyres with reduced rolling resistance, BMW Blue Performance technology including SCR catalytic converter
			Divivi Blad i diffirmance todifficiogy including convector
Fuel consumpt	tion EU cycle		
Urban		ltr/100 km	5.4
Extra-urban		ltr/100 km	4.6
Combined		ltr/100 km	4.8
CO ₂		g/km	128
Emission rating			EU6d-TEMP

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

¹⁾ Oil change volume