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Technical specifications. BMW 2 Series Gran Coupé. 220.



		BMW 220 Gran Coupé
Body		
Number of doors/seats		4/5
Length/width/height (empty)	mm	0.4=0
Wheelbase Track width, front/rear	mm	
Ground clearance	mm mm	=
Turning circle	m	
Fuel tank capacity	approx. I	
Engine oil 1)	· · I	
Unladen weight acc. to DIN/EU	kg	1450 / 1525
Payload according to DIN	kg	
Permitted total weight	kg	
Permitted axle loads, front/rear	kg	1065 / 1025
Perm. trailer load (12%) braked/unbraked	ka	1200 / 750
Permitted roof load/ trailer nose wei	<u>kg</u> ght kg	
Luggage compartment capacity	giit k <u>y</u> I	
Drag	c _X	
2149		1101110123
Drive		
Engine technology		BMW TwinPower Turbo Technology: Turbocharger, dual injection with direct injection, High Precision Injection and intake pipe fuel injection, fully variable valve control VALVETRONIC, variable camshaft control double VANOS, 48-volt mild hybrid technology with an electric motor integrated into the transmission
Power output / total ²⁾	kW/hp	125 / 170
Torque / total ²⁾	Nm	280
Petrol engine Type/no. of cylinders/valves Capacity, effective	СС	
Stroke/bore	mm	
Compression	:1	11.1
Nominal newer output	k\4//hn	min RON 91 115 / 156
Nominal power output at engine speed	kW/hp rpm	1-00 1-00
Nominal torque	Nm	
at engine speed	rpm	<u> </u>
Power output per litre	kW/l	
Electric motor		
Nominal power output	kW/hp	15 / 20
Nominal torque	Nm	55
EL		
Electrical system	Λh /	60 / ongine compartment
12-volt battery/installation 48-volt battery/installation	<u>Ah / –</u> Ah / –	60 / engine compartment 20 / luggage compartment
40-Voit butter y/mstallation	AII7 =	207 loggage compartment
Driving dynamics and safety		
Front wheel suspension		Single-joint suspension strut axle in aluminium-steel lightweight construction
Rear wheel suspension		Three-joint axle in lightweight steel construction
Brakes, front		Single-piston, floating-caliper disc brakes
Brakes, rear		Single-piston, floating-caliper disc brakes
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), directly controlled wheel slip limitation ARB, Cornering Brake Assist CBC, Brake Assist DBC, Performance Control, Dry Brake Function, Fade Compensation, Hill Start Control, Trailer Stability Control; optional: Adaptive M Chassis
Safety equipment		Standard: Airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for the front and rear rows of seats, interaction airbag between driver and front passenger, three-point automatic seat belts for all seats, front with belt tensioner and belt force limiter, crash sensors, tyre pressure display
Steering		Electromechanical power steering (EPS) with Servotronic function, optional: Sports steering
Overall steering ratio	:1	15.3
Tyres, front/rear		205/55 R17 91V
Wheel rims, front/rear		7.5J × 17 light alloy

			BMW 220 Gran Coupé
			DIAW ELO CIUN COOPC
Transmission			
Transmission t	уре		7-speed Steptronic transmission with double clutch
Gear ratio	1	:1	16.324
	II	:1	9.573
	III	:1	5.952
	IV	:1	4.081
	V	:1	3.243
	VI	:1	2.549
	VII	:1	2.072
	R	:1	14.663
Driving perform	nance figures		
Weight-to-pow	er ratio (DIN)	kg/kW	11.6
Acceleration	0-100 km/h	S	7.9
Top speed		km/h	230
BMW Efficientl	Dynamics		
BMW Efficient		4	8-volt mild hybrid technology, brake energy recuperation with
measures as st	andard	re	cuperation indicator, Auto Start Stop function, PERSONAL and
		E	FFICIENT modes with coasting function, Forward View Assist,
			shift display in manual shift mode, electromechanical power
			steering, BMW EfficientLightweight, optimised aerodynamic
			properties, active air flap control, auxiliary units controlled
			cording to demand, characteristic map-controlled oil pump, axle
		di	fferential with optimised warm-up phase properties, tyres with
			reduced rolling resistance
Fuel consumnt	ion in EU cycle		
combined (WLT		I/100 km	5.8
CO ₂ (WLTP)	· · ,	a/km	131
CO ₂ class(es)		•	D

Technical specifications valid for ACEA markets / registration-related data only relevant to Germany in some cases (weights)

 $^{^{1)}}$ Oil change amount $^{2)}$ Is made up of combustion engine drive (stated nominal value) and electric drive (up to stated nominal value)

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BMW 2 Series Gran Coupé. M235 xDrive.

		BMW M235 xDrive Gran Coupé
Body		
Number of doors/seats		4/5
Length/width/height (empty)	mm	4546 / 1800 / 1435
Wheelbase	mm	2670
Track width, front/rear	mm	1562 / 1562
Ground clearance	mm	145
Turning circle	m	11.7
	prox. I	49
Engine oil 1)	1	6.3
Unladen weight acc. to DIN/EU Payload according to DIN	kg	1575 / 1650
	kg	555
Permitted total weight Permitted axle loads, front/rear	kg	2130 1115 / 1090
Perm. trailer load (12%)	kg	111571090
braked/unbraked	kg	750
Permitted roof load/ trailer nose weight	kg	75 / 75
Luggage compartment capacity	<u> </u>	430
Drag	C _X	2)
<u></u>	-X	
Engine		
Type/no. of cylinders/valves		in-line / 4 / 4
Engine technology	1	M TwinPower Turbo Technology: Turbocharger, dual injection with
3 3,		direct injection, High Precision Injection and intake pipe fuel
		injection, fully variable valve control VALVETRONIC, variable
		camshaft control double VANOS
Capacity, effective	CC	1998
Stroke/bore	mm	94.6 / 82.0
Compression	:1	9.5
Fuel		min RON 91
Nominal power output	W/hp	221 / 300
at engine speed	rpm	5750 - 6500
Nominal torque	Nm	400
at engine speed	rpm	2000 - 4500
Power output per litre	kW/I	110.6
Floridad acatam		
Electrical system	۸ ۵ /	CO / anaina assuments
12-volt battery/installation location	Ah / –	60 / engine compartment
location		
Driving dynamics and safety		
Front wheel suspension		Single-joint suspension strut axle in aluminium-steel lightweight
		construction, M specific elastokinematics
Rear wheel suspension		Three-joint axle in lightweight steel construction, M specific
		elastokinematics
Brakes, front		Four-piston, fixed-caliper disc brakes, ventilated
Brakes, rear		Single-piston, floating-caliper disc brakes, ventilated
Driving stability systems		Standard: DSC incl., ASC and DTC (Dynamic Traction Control),
		lirectly controlled wheel slip limitation ARB, Cornering Brake Assist
		CBC, Brake Assist DBC, Performance Control, Dry Brake Function,
	F	ade Compensation, Hill Start Control, Trailer Stability Control, DSC
		linked with xDrive all-wheel drive, mechanical differential lock,
		Adaptive M Chassis
Safety equipment		Standard: Airbags for driver and front passenger, side airbags for
	C	river and front passenger, head airbags for the front and rear rows
		of seats, interaction airbag between driver and front passenger, three-point automatic seat belts for all seats, front with belt
	E.	three-point automatic seat beits for all seats, front with belt ensioner and belt force limiter, crash sensors, tyre pressure display
Steering	U	Electromechanical power steering (EPS)
Steering		with Servotronic function, sports steering
Overall steering ratio	:1	15.3
Tyres, front/rear		225/45 R18 95Y XL
Wheel rims, front/rear		8J × 18 light alloy
		o, iongin and

			BMW M235 xDrive Gran Coupé
Transmission			
Transmission typ	ie		7-speed Steptronic transmission with double clutch
Gear ratio I		:1	16.991
	II	:1	10.588
	III	:1	7.076
	IV	:1	4.910
	V	:1	4.001
	VI	:1	3.273
	VII	:1	2.522
	R	:1	16.323
Driving performa	ince figures		
Weight-to-power	ratio (DIN)	kg/kW	7.1
Acceleration (0-100 km/h	s	4.9
Top speed		km/h	250
BMW EfficientDy	namics		
BMW EfficientDy	namics	Bra	ke energy recuperation with recuperation indicator, Auto Start
measures as star	ndard	Sto	op function, PERSONAL and EFFICIENT modes with coasting
		fun	ction, Forward View Assist, shift display in manual shift mode,
			ectromechanical power steering, BMW EfficientLightweight,
		opti	mised aerodynamic properties, active air flap control, auxiliary
		units	controlled according to demand, characteristic map-controlled
		oil p	ump, efficiency-optimised all-wheel drive, axle differential with
		ор	timised warm-up phase properties, tyres with reduced rolling
			resistance
Fuel consumptio	n in EU cycle		
combined (WLTP		I/100 km	8.2
CO ₂ (WLTP)		g/km	185
CO ₂ class(es)			G

Technical specifications valid for ACEA markets / registration-related data only relevant to Germany in some cases (weights)

Fuel consumption, CO_2 emission figures and power consumption as well as electric range were measured using the methods required according to Regulation VO (EC) 715/2007 as amended. Where a range is shown, the WLTP figures take into account the impact of any optional extras.

¹⁾ Oil change amount

BMW 2 Series Gran Coupé. 218d.

		BMW 218d Gran Coupé
Dad.		
Body Number of doors/seats		4/5
Length/width/height (empty)		473
	mm	2670
Wheelbase	mm	1561 / 1562
Track width, front/rear	mm	
Ground clearance	mm	145
Turning circle	m	11.7
	pprox. I	49
Engine oil 1)	I	7.1
Unladen weight according to DIN/EU	kg	1490 / 1565
Payload according to DIN	kg	555
Permitted total weight	kg	2045
Permitted axle loads, front/rear	kg	1105 / 1030
Perm. trailer load (12%)		
braked/unbraked	kg	1300 / 750
Permitted roof load/ trailer nose weight	kg	75 / 75
Luggage compartment capacity		430
Drag	C _X	
Diug	<u> CX</u>	110111 0.23
Engine		
Type/no. of cylinders/valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo Technology: Multi-stage turbocharging,
		low-pressure charger with variable inlet geometry, common-rail
		direct injection with solenoid valve injectors (max. injection
		pressure: 2500 bar)
Capacity, effective	СС	1995
Stroke/bore	mm	90.0 / 84.0
Compression	:1	16.5
Fuel		Diesel
Output	kW/hp	110 / 150
		3750 - 4000
at engine speed	rpm	
Torque	Nm	360
at engine speed	rpm	1500 - 2500
Power output per litre	kW/I	55.1
Electrical system		
Battery/installation location	Ah / –	70 / engine compartment
		Ŭ '
Driving dynamics and safety		
Front wheel suspension		Single-joint suspension strut axle in aluminium-steel lightweight
		construction
Rear wheel suspension		Three-joint axle in lightweight steel construction
Brakes, front		Single-piston, floating-caliper disc brakes
Brakes, rear		Single-piston, floating-caliper disc brakes
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control),
zg stast, systems		directly controlled wheel slip limitation ARB, Cornering Brake
		Assist CBC, Brake Assist DBC, Performance Control, Dry Brake
		Function, Fade Compensation, Hill Start Control, Trailer Stability
		Control; optional: Adaptive M Chassis
Safety equipment		Standard: Airbags for driver and front passenger, side airbags for
Surety equipment		driver and front passenger, head airbags for the front and rear
		rows of seats, interaction airbag between driver and front
		passenger, three-point automatic seat belts for all seats, front
		with belt tensioner and belt force limiter, crash sensors, tyre
		•
		pressure display
Steering		Electromechanical power steering (EPS)
		with Servotronic function, optional: Sports steering
Overall steering ratio	:1	15.3
Tyres, front/rear		205/55 R17 91V
Wheel rims, front/rear		7.5J × 17 light alloy

			BMW 218d Gran Coupé		
Transmission					
Transmission ty	ype		7-speed Steptronic transmission with double clutch		
Gear ratio	Ī	:1	14.964		
	II	:1	8.776		
	III	:1	5.456		
	IV	:1	3.741		
	V	:1	2.972		
	VI	:1	2.337		
	VII	:1	1.900		
	R	:1	13.441		
Driving perform	nance figures				
Weight-to-power	er ratio (DIN)	kg/kW	13.5		
Acceleration	0-100 km/h	S	8.4		
Top speed		km/h	226		
BMW Efficient	Dynamics				
BMW EfficientD		E	Brake energy recuperation with recuperation indicator,		
measures as standard		electromechanical power steering, Auto Start Stop function, shift display in manual mode, PERSONAL and EFFICIENT modes with coasting function, Forward View Assist, BMW			
		Effici	entLightweight, optimised aerodynamic properties, active		
			ap control, auxiliary units controlled according to demand,		
			controlled oil pump, axle differential with optimised warm-		
up phase properties, tyres with reduced rolling resista					
			Performance technology with SCR catalytic converter		
Fuel consumpti	ion in Ell cycle				
combined (WLT		I/100 km	5.0		
CO ₂ (WLTP)	1.]	g/km			
CO ₂ class(es)		9/1111	D		

 $Technical \ specifications \ valid \ for \ ACEA \ markets \ / \ registration-related \ data \ only \ relevant \ to \ Germany \ in \ some \ cases \ (weights)$

¹⁾ Oil change amount

BMW 2 Series Gran Coupé. 220d.

		BMW 220d Gran Coupé
Body		
Number of doors/seats		4/5
Length/width/height (empty)	mm	4546 / 1800 / 1435
Wheelbase	mm	2670
Track width, front/rear	mm	1561 / 1562
Ground clearance	mm	145
Turning circle	m	11.7
	approx. I	49
Engine oil 1)	1	7.1
Unladen weight according to DIN/EU	kg	1525 / 1600
Payload according to DIN	kg	560
Permitted total weight	kg	2085
Permitted axle loads, front/rear	kg	1125 / 1055
Perm. trailer load (12%)		
braked/unbraked `	kg	1300 / 750
Permitted roof load/ trailer nose weight	kg	75 / 75
Luggage compartment capacity	Ī	360
Drag	C _X	from 0.25
Engine technology		BMW TwinPower Turbo Technology: Multi-stage turbocharging, high and low-pressure charger with variable inlet geometry, common-rail direct injection with solenoid valve injectors (max. injection pressure: 2500 bar), 48-volt mild hybrid technology with an electric motor integrated into the transmission
Power output / total ²⁾	kW/hp	120 / 163
Torque / total ²⁾	Nm	400
Diesel engine		
Type/no. of cylinders/valves		in-line / 4 / 4
Capacity, effective		1995
Stroke/bore	CC	90.0 / 84.0
	mm	
Compression	:1	16.5
Fuel	134//1-	Diesel
Nominal power output	kW/hp	110 / 150
at engine speed	rpm	3750 - 4000
Nominal torque at engine speed	Nm	360 1500 - 2500
Power output per litre	rpm kW/l	
Power output per litre	KVV/I	55.1
Electric motor		
Nominal power output	kW/hp	15/20
Nominal torque	Nm	55
Electrical system		
12-volt battery/installation	Ah / –	60 / engine compartment
48-volt battery/installation	Ah / –	20 / Luggage compartment
Database demonstrates and as fate.		
Driving dynamics and safety Front wheel suspension		Single-joint suspension strut axle in aluminium-steel lightweight
Rear wheel suspension		construction Three-joint axle in lightweight steel construction
		Single-piston, floating-caliper disc brakes
Brakes, front Brakes, rear		Single-piston, floating-caliper disc brakes Single-piston, floating-caliper disc brakes
		Standard: DSC incl. ABS and DTC (Dynamic Traction Control),
Driving stability systems		Assist CBC, Brake Assist DBC, Performance Control, Dry Brake Assist CBC, Brake Assist DBC, Performance Control, Dry Brake Function, Fade Compensation, Hill Start Control, Trailer Stability Control; optional: Adaptive M Chassis
Safety equipment	dri (tandard: Airbags for driver and front passenger, side airbags for ver and front passenger, head airbags for the front and rear row of seats, interaction airbag between driver and front passenger, three-point automatic seat belts for all seats, front with belt asioner and belt force limiter, crash sensors, tyre pressure displa
Steering	tei	Electromechanical power steering (EPS) with Servotronic function, optional: M sports steering
Overall steering ratio	:1	15.3
Tyres, front/rear		205/55 R17 91V
Wheel rims, front/rear		7.5J × 17 light alloy

			BMW 220d Gran Coupé	
Transmission				
Transmission t	ype		7-speed Steptronic transmission with double clutch	
Gear ratio	Ť	:1	14.964	
	II	:1	8.776	
	III	:1	5.456	
	IV	:1	3.741	
	V	:1	2.972	
	VI	:1	2.337	
	VII	:1	1.900	
	R	:1	13.441	
Driving perform	mance figures			
Weight-to-pow		kg/kW	12.7	
Acceleration	0-100 km/h	S	8.0	
Top speed		km/h	226	
BMW Efficient	Dynamics			
BMW Efficient	Dynamics		48-volt mild hybrid technology, brake energy recuperation with	
measures as standard		recuperation indicator, electromechanical power steering, Auto Start Stop function, shift display in manual mode, PERSONAL and		
			FICIENT modes with coasting function, Forward View Assist, BMW	
			ficientLightweight, optimised aerodynamic properties, active air flap	
			ntrol, auxiliary units controlled according to demand, map-controlled bil pump, efficiency-optimised all-wheel drive, axle differential with	
		·	optimised warm-up phase properties, tyres with reduced rolling	
		ro	sistance, Blue Performance technology with SCR catalytic converter	
		16.	sistance, blue i enormance technology with Sch catalytic converter	
Fuel consumpt	tion in EU cycle			
combinedl (WL		I/100	4.6	
CO ₂ (WLTP)		g/km	121	
CO ₂ class(es)			D	

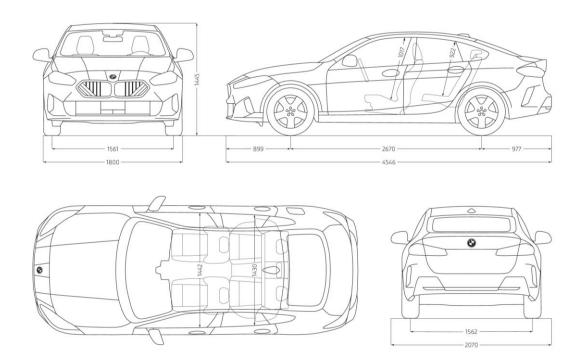
Technical specifications valid for ACEA markets / registration-related data only relevant to Germany in some cases (weights)

 $^{^{1)}}$ Oil change amount $^{2)}$ Is made up of combustion engine drive (stated nominal value) and electric drive (up to stated nominal value)

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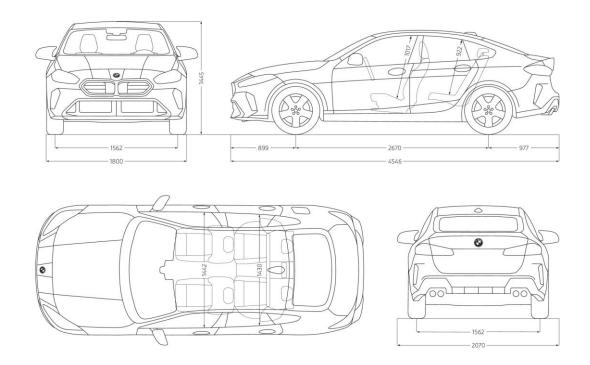
Exterior and interior dimensions. BMW 2 Series Gran Coupé.





 $The \ dimensions in the \ technical \ drawing \ are \ in \ millimetres \ and \ may \ vary \ depending \ on \ the \ model \ and \ the \ optional \ equipment.$

BMW 2 Series. M235 xDrive Gran Coupé.



 $The \ dimensions in the \ technical \ drawing \ are \ in \ millimetres \ and \ may \ vary \ depending \ on \ the \ model \ and \ the \ optional \ equipment.$