Technical specifications. BMW 4 Series Gran Coupé. 420i.



		BMW 420i Gran Coupé
Body		
No of doors/seats		5/5
Length/width/height ¹⁾ (unladen)	mm	4783 / 1852 / 1442
Wheelbase	mm	2856
		1595 / 1623
Track, front/rear Ground clearance	mm	140
	mm	
Turning circle	m	12.0
	approx. I	59
Engine oil 2)	1	5.25
Weight, unladen, to DIN/EU	kg	1620 / 1695
Max load to DIN	kg	555
Max permissible weight	kg	2175
Max axle load, front/rear	kg	1015 / 1245
Max trailer load		1600 / 750
braked (12%)/unbraked	kg	1600 / 750
Max roofload/max towbar		75 /75
download	kg	75 / 75
Luggage comp capacity		470 – 1290
Air resistance	c _d x A	0.26 x 2.31
Power Unit		
Config/No of cyls/valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: TwinScroll turbocharger, High
		Precision Injection, VALVETRONIC fully variable valve timing, Double-
		VANOS variable camshaft timing
Effective capacity	СС	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min. RON 91
Max output	kW/hp	135 / 184
at	rpm	5000 – 6500
Max torque	Nm	300
at	rpm	1350 – 4000
Electrical System		
Battery/installation	Ah/-	80 / luggage compartment
<u>Butter y/mstallation</u>	A11/-	007 laggage compartment
Driving Dynamics and Safety		
Suspension, front		Two-joint spring strut axle in lightweight aluminium-steel construction,
		hydraulically damped torque strut bearing
Suspension, rear		Five-link axle in lightweight aluminium-steel construction
Brakes, front		Vented disc brakes, with single-piston floating callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC
		(Cornering Brake Control), DBC (Dynamic Brake Control), Performance
		Control, Dry Braking function, fading compensation, drive-off assistant;
		optional: M Sport suspension, adaptive M suspension
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 tensioner and belt force
		limiter at the front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS)
		with Servotronic function, optional: variable sport steering
	_	1/0
Steering ratio, overall	:1	14.8
Steering ratio, overall Tyres, front/rear	:1	14.8 225/55 R17 101Y XL

-			BMW 420i Gran Coupé	
			BMW 4201 Grail Coupe	
Transmission				
Type of transr	mission		Eight-speed Steptronic transmission	
Gear ratios	I	:1	5.250	
	II	:1	3.360	
	III	:1	2.172	
	IV	:1	1.720	
	V	:1	1.316	
	VI	:1	1.000	
	VII	:1	0.822	
	VIII	:1	0.640	
	R	:1	3.712	
Final drive		:1	2.929	
Performance				
Power-to-wei	ght ratio (DIN)	kg/kW	12.0	
Output per litr	e	kW/I	67.6	
Acceleration	0-100 km/h	S	7.9	
Top speed		km/h	235	
BMW Efficien	tDynamics			
BMW Efficient		Bro	ake Energy Regeneration with recuperation display, Electric Power	
standard feat	ures	Ste	ering, Auto Start Stop function, Optimum Shift Indicator, ECO PRO	
			and COMFORT mode with coasting function, Proactive Driving	
		Assi	stant, BMW EfficientLightweight, optimised aerodynamic attributes,	
			tive air flap control, on-demand operation of ancillary units, map-	
		re	gulated oil pump, differential with optimised warm-up behaviour,	
			tyres with reduced rolling resistance	
c				
Fuel Consump		1/100	72 66	
Combined (WI	LIPJ		7.3 – 6.6 166 – 150	
CO ₂ (WLTP)				
Emission ratin	ıy		Euro 6d	

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

Official fuel consumption, CO_2 emissions, electric power consumption and electric range figures were determined based on the prescribed measurement procedure in accordance with European Regulation (EC) 2007/715 in the version applicable. They refer to vehicles in the German market. Where a range is shown, NEDC figures consider the different sizes of the selected wheels/tyres, while WLTP figures take into account the impact of any optional extras.

WLTP values are used for determining vehicle-related taxes or other duties based (at least inter alia) on CO_2 emissions as well as eligibility for any applicable vehicle-specific subsidies. Any NEDC values that are shown were calculated based on the new WLTP measurement procedure where appropriate and translated back into equivalent NEDC measurements in order to ensure comparability between the vehicles. Only official figures based on the WLTP procedure are available for new models that have been type tested since 01.01.2021. Further information on the WLTP and NEDC measurement procedures can also be found at www.bmw.com/wltp.

¹⁾ Height including roof fin

²⁾ Oil change

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BMW 4 Series Gran Coupé. 430i.

		BMW 430i Gran Coupé
Body		
No of doors/seats		5/5
Length/width/height ¹⁾ (unlad	en) mm	4783 / 1852 / 1442
Wheelbase	mm	2856
Track, front/rear	mm	1595 / 1623
Ground clearance	mm	140
Turning circle	m	12.0
Fuel tank capacity	approx. l	59
Engine oil 2)	l	5.25
Weight, unladen, to DIN/EU	kg	1645 / 1720
Max load to DIN	kg	555
Max permissible weight	kg	2200
Max axle load, front/rear	kg	1025 / 1255
Max trailer load		10-10 1-10 1
braked (12%)/unbraked	kg	1600 / 750
Max roofload/max towbar		
download	kg	75 / 75
Luggage comp capacity	Ī	470 – 1290
Air resistance	c _d x A	0.26 x 2.31
	-	
Power Unit		
Config/No of cyls/valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: TwinScroll turbocharger, High
		Precision Injection, VALVETRONIC fully variable valve timing, Double-
		VANOS variable camshaft timing
Effective capacity	СС	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	10.2
Fuel		min. RON 91
Max output	kW/hp	180 / 245
at	rpm	4500 – 6500
Max torque	Nm	400
at	rpm	1600 – 4000
Electrical System		
Battery/installation	Ah/-	80 / luggage compartment
Driving Dynamics and Safet	•	
Suspension, front		Two-joint spring strut axle in lightweight aluminium-steel construction,
		hydraulically damped torque strut bearing
Suspension, rear		Five-link axle in lightweight aluminium-steel construction
Brakes, front		Vented disc brakes, with single-piston floating callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC
		(Cornering Brake Control), DBC (Dynamic Brake Control), Performance
		Control, Dry Braking function, fading compensation, drive-off assistant;
		optional: M Sport suspension, adaptive M suspension, M Sport differential
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver
Surety equipment		and front passenger, head airbags for front and rear seats, 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)
Secting		with Servotronic function, optional: variable sport steering
Steering ratio, overall	:1	14.8
Tyres, front/rear		225/55 R17 101Y XL
Rims, front/rear		7.5J x 17 light-alloy
· ·····sj ironoreur		7137 X 17 light unby

Transmission Eight-speed Steptronic transmission Gear ratios 1 :1 5.250 :1 3.360 :1 3.360 :1 1.720				DMH (201 C C	
Eight-speed Steptronic transmission Gear ratios 1				BMW 430i Gran Coupé	
1	Transmission				
	Type of transn	nission		Eight-speed Steptronic transmission	
III :1 2.172 IV :1 1.720 V :1 1.316 VI :1 1.000 VII :1 0.822 VIII :1 0.640 R :1 3.712 Final drive :1 2.929 Performance Power-to-weight ratio (DIN) kg/kW 9.1 Output per litre kW/I 90.1 Acceleration 0-100 km/h s 6.2 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics Standard features Brake Energy Regeneration with recuperation display, Electric Pown and COMFORT mode with coasting function, Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attribut 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	Gear ratios	I	:1	5.250	
IV :1 1.720		II	:1	3.360	
V :1 1.316 VI :1 1.000 VII :1 0.822 VIII :1 0.640 R :1 3.712 Final drive :1 2.929 Performance Power-to-weight ratio (DIN) kg/kW 9.1 Output per litre kW/I 90.1 Acceleration 0-100 km/h s 6.2 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Standard features BMW EfficientDynamics Steering, Auto Start Stop function, Optimum Shift Indicator, ECO PR and COMFORT mode with coasting function, Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attribut 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		III	:1	2.172	
VI 1 1,000		IV	:1	1.720	
VIII :1 0.822		V	:1	1.316	
VIII :1 0.640 R :1 3.712 Final drive :1 2.929		VI	:1	1.000	
R :1 3.712 Final drive :1 2.929 Performance Power-to-weight ratio (DIN) kg/kW 9.1 Output per litre kW/I 90.1 Acceleration 0-100 km/h s 6.2 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Standard features Brake Energy Regeneration with recuperation display, Electric Powers Steering, Auto Start Stop function, Optimum Shift Indicator, ECO PR and COMFORT mode with coasting function, Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attribut 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		VII	:1	0.822	
Performance Power-to-weight ratio (DIN) kg/kW 9.1 Output per litre kW/l 90.1 Acceleration 0–100 km/h s 6.2 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics Standard features Brake Energy Regeneration with recuperation display, Electric Pow. Steering, Auto Start Stop function, Optimum Shift Indicator, ECO PR and COMFORT mode with coasting function, Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attribut 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		VIII	:1	0.640	
Performance Power-to-weight ratio (DIN) kg/kW 9.1 Output per litre kW/l 90.1 Acceleration 0–100 km/h s 6.2 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics Standard features Brake Energy Regeneration with recuperation display, Electric Pow. Steering, Auto Start Stop function, Optimum Shift Indicator, ECO PR and COMFORT mode with coasting function, Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attribut 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		R	:1	3.712	
Power-to-weight ratio (DIN) kg/kW 9.1 Output per litre kW/l 90.1 Acceleration 0–100 km/h s 6.2 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics Brake Energy Regeneration with recuperation display, Electric Powers Steering, Auto Start Stop function, Optimum Shift Indicator, ECO PR and COMFORT mode with coasting function, Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attribut 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	Final drive		:1	2.929	
Output per litre kW/l 90.1 Acceleration 0–100 km/h s 6.2 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics Brake Energy Regeneration with recuperation display, Electric Powers Steering, Auto Start Stop Function, Optimum Shift Indicator, ECO PR and COMFORT mode with coasting function, Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attribut 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	Performance				
Acceleration 0–100 km/h s 6.2 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics Brake Energy Regeneration with recuperation display, Electric Powers Steering, Auto Start Stop function, Optimum Shift Indicator, ECO PR and COMFORT mode with coasting function, Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attribut 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	Power-to-wei	ght ratio (DIN)	kg/kW	9.1	
Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Standard features Brake Energy Regeneration with recuperation display, Electric Power Standard features Steering, Auto Start Stop function, Optimum Shift Indicator, ECO PR and COMFORT mode with coasting function, Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributed 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	Output per litre	е	kW/l	90.1	
BMW EfficientDynamics BMW EfficientDynamics Brake Energy Regeneration with recuperation display, Electric Powers Standard features Steering, Auto Start Stop function, Optimum Shift Indicator, ECO PR and COMFORT mode with coasting function, Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attribut 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	Acceleration	0-100 km/h	S	6.2	
BMW EfficientDynamics Standard features Steering, Auto Start Stop function, Optimum Shift Indicator, ECO PR and COMFORT mode with coasting function, Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attribut 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	Top speed		km/h	250	
Steandard features Steering, Auto Start Stop function, Optimum Shift Indicator, ECO PR and COMFORT mode with coasting function, Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attribut 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	BMW Efficient	tDynamics			
and COMFORT mode with coasting function, Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attribut 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 Efficient				
Assistant, BMW EfficientLightweight, optimised aerodynamic attribut 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	standard featu	ıres	Ste	ering, Auto Start Stop function, Optimum Shift Indicator, ECO PRO	
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				, , , , , , , , , , , , , , , , , , ,	
regulated oil pump, differential with optimised warm-up behaviour tyres with reduced rolling resistance Fuel Consumption ECE					
tyres with reduced rolling resistance Fuel Consumption ECE					
Fuel Consumption ECE			re	· ''	
				tyres with reduced rolling resistance	
	Fuel Consum	ntion FCF			
			1/100	7.6 – 6.8	
CO ₂ (WLTP) g/km 173 – 156		<u>, </u>			
Emission rating Euro 6d		ıg	Euro 6d		

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

Official fuel consumption, CO_2 emissions, electric power consumption and electric range figures were determined based on the prescribed measurement procedure in accordance with European Regulation (EC) 2007/715 in the version applicable. They refer to vehicles in the German market. Where a range is shown, NEDC figures consider the different sizes of the selected wheels/tyres, while WLTP figures take into account the impact of any optional extras.

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¹⁾ Height including roof fin

²⁾ Oil change

BMW 4 Series Gran Coupé. M440i xDrive.

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		BMW M440i xDrive Gran Coupé
Body		
No of doors/seats		5/5
Length/width/height ¹⁾ (unladen)	mm	4783 / 1852 / 1442
Wheelbase	mm	2856
Track, front/rear		1587 / 1614
Ground clearance	mm mm	140
Turning circle		12.0
	m nnrov l	59
Engine oil 2)	ipprox. l I	
Weight, unladen, to DIN/EU		1825 / 1900
Max load to DIN	kg	555
	kg	2380
Max permissible weight Max axle load, front/rear	kg	1145 / 1325
<u> </u>	kg	1145 / 1525
Max trailer load	l.a	1000 / 750
braked (12%)/unbraked	kg	1800 / 750
Max roofload/max towbar	l.a	75 / 75
download	kg	75 / 75
Luggage comp capacity	<u> </u>	0
Air resistance	c _d x A	0.30 x 2.31
Power Unit		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: TwinScroll turbocharger, High
		Precision Injection, VALVETRONIC fully variable valve timing, Double-
		VANOS variable camshaft timing
Effective capacity	СС	2998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	10.2
Fuel		min. RON 91
Max output	kW/hp	275 / 374
at	rpm	5500 – 6500
Max torque	Nm	500
at	rpm	1900 – 5000
48V mild hybrid technology		0.14
Max output	kW/hp	8 / 11
Electrical System		
12V battery/installation	Ah/-	80 / luggage compartment
48V battery/installation	Ah/-	11 / engine compartment
To Courte y motamation	7	engine comparantent
Driving Dynamics and Safety		
Suspension, front		Two-joint spring strut axle in lightweight aluminium-steel construction,
		hydraulically damped torque strut bearing
Suspension, rear		Five-link axle in lightweight aluminium-steel construction
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC
		(Cornering Brake Control), DBC (Dynamic Brake Control), Performance
		Control, Dry Braking function, fading compensation, drive-off assistant,
		all-wheel-drive system xDrive linked with DSC, M Sport suspension,
		M Sport differential; optional: adaptive M suspension
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 tensioner and belt force
		limiter at the front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS),
		variable sport steering with Servotronic function
Steering ratio, overall	:1	13.6
Tyres, front/rear		245/45 R18 100Y XL
Rims, front/rear		8.5J x 18 light-alloy

			BMW M440i xDrive Gran Coupé
			BMW M440I XDTIVE Grail Coupe
Transmission			
Type of transr	mission		Eight-speed Steptronic transmission
Gear ratios	ı	:1	5.250
	II	:1	3.360
	III	:1	2.172
	IV	:1	1.720
	V	:1	1.316
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Final drive		:1	2.929
Performance			
Power-to-wei	ght ratio (DIN)	kg/kW	6.6
Output per litr	e	kW/I	91.7
Acceleration	0-100 km/h	S	4.7
Top speed		km/h	250
BMW Efficien	tDynamics		
BMW Efficient	:Dynamics		Mild hybrid technology with 48V starter-generator, Brake Energy
standard feat	ures		Regeneration with recuperation display, Auto Start Stop function, ECO
			PRO and COMFORT 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, efficiency-optimised all-wheel drive, differential with optimised
			warm-up behaviour, tyres with reduced rolling resistance
Fuel Consum	otion ECE		
Combined (WL		1/100	8.5 – 8.0
CO ₂ (WLTP)		g/km	193 – 181
Emission ratin	ng		Euro 6d

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

Official fuel consumption, CO_2 emissions, electric power consumption and electric range figures were determined based on the prescribed measurement procedure in accordance with European Regulation (EC) 2007/715 in the version applicable. They refer to vehicles in the German market. Where a range is shown, NEDC figures consider the different sizes of the selected wheels/tyres, while WLTP figures take into account the impact of any optional extras.

WLTP values are used for determining vehicle-related taxes or other duties based (at least inter alia) on CO_2 emissions as well as eligibility for any applicable vehicle-specific subsidies. Any NEDC values that are shown were calculated based on the new WLTP measurement procedure where appropriate and translated back into equivalent NEDC measurements in order to ensure comparability between the vehicles. Only official figures based on the WLTP procedure are available for new models that have been type tested since 01.01.2021. Further information on the WLTP and NEDC measurement procedures can also be found at www.bmw.com/wltp.

¹⁾ Height including roof fin

²⁾ Oil change

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BMW 4 Series Gran Coupé. 420d.

		BMW 420d Gran Coupé
Body		
No of doors/seats		5/5
Length/width/height ¹⁾ (unladen)	mm	4783 / 1852 / 1442
Wheelbase	mm	2856
Track, front/rear	mm	1595 / 1623
Ground clearance	mm	140
Turning circle	m	12.0
	approx. I	59
Engine oil ²⁾	- 1	5.5
Weight, unladen, to DIN/EU	kg	1705 / 1780
Max load to DIN	kg	555
Max permissible weight	kg	2260
Max axle load, front/rear	kg	1060 / 1310
Max trailer load		
braked (12%)/unbraked	kg	1600 / 750
Max roofload/max towbar		
download	kg	75 / 75
Luggage comp capacity	- 1	470 – 1290
Air resistance	c _d x A	0.26 x 2.31
Danier Hair		
Power Unit Config/No of cyls/valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging,
Engine teemology		low-pressure turbocharger with variable inlet geometry, common-rail
		direct injection with solenoid injectors (max. injection pressure:
		2500 bar)
Effective capacity	СС	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	400
at	rpm	1750 – 2500
48V mild hybrid technology		., 50 2500
Max output	kW/hp	8 / 11
Electrical System		
12V battery/installation	Ah/-	70 / luggage compartment
48V battery/installation	Ah/-	11 / engine compartment
Driving Dynamics and Safety		
Suspension, front		Two-joint spring strut axle in lightweight aluminium-steel construction,
September 1 mont		hydraulically damped torque strut bearing
Suspension, rear		Five-link axle in lightweight aluminium-steel construction
Brakes, front		Vented disc brakes, with single-piston floating callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC
Briving stability systems		(Cornering Brake Control), DBC (Dynamic Brake Control), Performance
		Control, Dry Braking function, fading compensation, drive-off assistant;
		optional: M Sport suspension, adaptive M suspension
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 tensioner and belt force
		limiter at the front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS)
5		with Servotronic function, optional: variable sport steering
Steering ratio, overall	:1	14.8
Tyres, front/rear		225/55 R17 101Y XL
Rims, front/rear		7.5J x 17 light-alloy

			BMW 420d Gran Coupé
Transmission			
Type of transmi	ssion		Eight-speed Steptronic transmission
Gear ratios	1	:1	5.250
deal factor	<u>_</u>	:1	3.360
		:1	2.172
	IV	:1	1.720
	V	:1	1.316
	VI VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Final drive	ĸ	:1	2,929
rinai arive		- 11	2.323
Performance			
Power-to-weigh	nt ratio (DIN)	kg/kW	12.2
Output per litre	, ,	kW/l	70.2
Acceleration	0-100 km/h	S	7.3
Top speed		km/h	235
BMW EfficientD	Ovnomics		
BMW EfficientD			Mild hybrid technology with 48V starter-generator, Brake Energy
standard feature	,		Regeneration with recuperation display, Auto Start Stop function, ECO
			PRO and COMFORT 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, BMW Blue Performance technology with
			SCR catalytic converter
Fuel Consumpti			
Combined (WLT	<u>P]</u>	1/100	5.4 – 4.8
CO ₂ (WLTP)		g/km	141 – 126
Emission rating			Euro 6d

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

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¹⁾ Height including roof fin

²⁾ Oil change

BMW 4 Series Gran Coupé. 420d xDrive.

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		BMW 420d xDrive Gran Coupé
		<u>-</u> -
Body		F / F
No of doors/seats		5/5
Length/width/height ¹⁾ (unladen)	mm	4783 / 1852 / 1442
Wheelbase	mm	2856
Track, front/rear	mm	1597 / 1624
Ground clearance	mm	140
Turning circle	m	12.0
Fuel tank capacity (approx. I	59
Engine oil 2)	I	5.5
Weight, unladen, to DIN/EU	kg	1760 / 1835
Max load to DIN	kg	555
Max permissible weight	kg	2315
Max axle load, front/rear	kg	1105 / 1315
Max trailer load	Ng.	11037 1313
braked (12%)/unbraked	ko	1600 / 750
	kg	10007730
Max roofload/max towbar	1	75 / 75
download	kg	75 / 75
Luggage comp capacity		470 – 1290
Air resistance	c _d x A	0.26 x 2.31
Power Unit		
Config/No of cyls/valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging,
Lingine technology		low-pressure turbocharger with variable inlet geometry, common-rail direct injection with solenoid injectors (max. injection pressure:
F(())		2500 bar)
Effective capacity	СС	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	400
at	rpm	1750 – 2500
48V mild hybrid technology		
Max output	kW/hp	8 / 11
Electrical System		
12V battery/installation	Ah/-	70 / luggage compartment
48V battery/installation	Ah/-	11 / engine compartment
Driving Dynamics and Safety		
Suspension, front		Two-joint spring strut axle in lightweight aluminium-steel construction,
		hydraulically damped torque strut bearing
Suspension, rear		Five-link axle in lightweight aluminium-steel construction
Brakes, front		Vented disc brakes, with single-piston floating callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers Vented disc brakes, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC
Driving stability systems		* *
		(Cornering Brake Control), DBC (Dynamic Brake Control), Performance
		Control, Dry Braking function, fading compensation, drive-off assistant;
		all-wheel-drive system xDrive linked with DSC, optional: M Sport
		suspension, adaptive M suspension
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 tensioner and belt force
		limiter at the front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS)
		with Servotronic function, optional: variable sport steering
Steering ratio, overall	:1	15.1
Tyres, front/rear		225/55 R17 101Y XL
Rims, front/rear		7.5J x 17 light-alloy
,		, is, it is it will y

			BMW 420d xDrive Gran Coupé
Transmission			
Type of transmi	ission		Eight-speed Steptronic transmission
Gear ratios	ı	:1	5.250
	ll l	:1	3,360
	III	:1	2.172
	IV	:1	1.720
	V	:1	1.316
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Final drive		:1	2.929
Performance			
Power-to-weigh	ht ratio (DIN)	kg/kW	12.6
Output per litre		kW/l	70.2
Acceleration	0-100 km/h	S	7.6
Top speed		km/h	233
BMW Efficient			Mild by build be about a consistency (OV) about a consistency Dural a Consistency
BMW EfficientD standard featur	,		Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO
Standard reator	es		PRO and COMFORT 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, efficiency-optimised all-wheel drive, differential with optimised
			warm-up behaviour, tyres with reduced rolling resistance,
			BMW Blue Performance technology with SCR catalytic converter
			<u> </u>
Fuel Consumpt			
Combined (WLT	ГР)	1/100	5.7 – 5.1
CO ₂ (WLTP)		g/km	150 – 133
Emission rating			Euro 6d

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