06/2024

Page 1

Valid as of 07/2024

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



		BMW 420i Gran Coupé
Dady		
Body No. of doors / seats		5/5
Length/width/height ¹⁾ (unladen)	mm	4783 / 1852 / 1442
Wheelbase	mm	2856
Track, front/rear		1595 / 1623
Ground clearance	mm mm	140
Turning circle	m	12.0
Fuel tank capacity	approx. I	59
Engine oil ²⁾	ирргох. г	
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	ĸy	10137 1243
braked (12%)/unbraked	kg	1600 / 750
Max. roofload/towbar download		75 / 75
Luggage comp. capacity	l kg	470 – 1290
Air resistance		0.26 x 2.31
All resistance	c _x x A	0.20 X 2.3 I
Power Unit		
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	CC	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
Driving Dynamics and Safety		
Suspension, front		Double-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, Start-Off
		Assistant;
5.6.		optional: M Sport suspension, adaptive M suspension
Safety equipment	2	Standard: airbags for driver and front passenger, side airbags for driver
		and front passenger, head airbags front and rear, three-point inertia-
	r	eel seatbelts on all seats with belt tensioner and belt force limiter at the
Chaorina		front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS)
Chaoring ratio currell	.1	with Servotronic function, optional: variable sport steering
Steering ratio, overall	:1	14.9
Tyres, front/rear Rims, front/rear		225/55 R17 101Y XL
rims, nonvieur		7.5J x 17 light-alloy

BMW

Media information

06/2024

Page 2

Valid as of 07/2024

		BMW 420i Gran Coupé
Transmission		F11: 16:
Type of transmission		Eight-speed Steptronic transmission
Gear ratios I	:1	5.250
	:1	3.360
	: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	12.0
Output per litre	kW/l	67.6
Acceleration 0–100 km/h	s	7.9
Top speed	km/h	235
DMM F66 -i b i		
BMW EfficientDynamics		Double Community of the community of the last of the community of the comm
BMW EfficientDynamics standard features		Brake Energy Regeneration with recuperation display, Electric Power
standara reatures		Steering, Automatic Start Stop function, Optimum Shift Indicator in
		manual shift mode, ECO PRO and COMFORT 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
Environmental		
Energy consumption	I/100	7.3 – 6.6
(WLTP combined)	km	
CO ₂ (WLTP combined)	g/km	166 – 150
Emission rating		Euro 6e
CO ₂ class(es)		F-E

¹⁾ Height incl. roof fin ²⁾ Oil change

06/2024

Page 3

Valid as of 07/2024

BMW 4 Series Gran Coupé. 430i xDrive.

		BMW 430i 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	mm	1597 / 1624
Ground clearance	mm	140
Turning circle	m	12.0
	approx. I	59
Engine oil ²⁾	- 1	5.25
Weight, unladen, to DIN/EU	kg	1700 / 1775
Max. load to DIN	kg	555
Max. permissible weight	kg	2255
Max. axle load, front/rear	kg	1090 / 1255
Max. trailer load		
braked (12%)/unbraked	kg	1800 / 750
Max. roofload/towbar download	kg	75 / 75
Luggage comp. capacity		470 – 1290
<u>Air resistance</u>	c _x x A	0.26 x 2.31
Power Unit		
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,
Titania and alle		Double-VANOS variable camshaft timing
Effective capacity	СС	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	10.2
Fuel	1-\4//b	Min. RON 91 180 / 245
Max. output at	kW/hp	4500 – 6500
Max. torque	rpm Nm	400
at		1600 – 4000
ut	rpm	1000 – 4000
Electrical System		
Battery/installation	Ah/-	80 / luggage compartment
Driving Dynamics and Safety		
Suspension, front		Double-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, Start-Off
	1	Assistant, xDrive all-wheel-drive system networked with DSC; optional:
		M Sport suspension, adaptive M suspension, M Sport differential
Safety equipment	5	Standard: airbags for driver and front passenger, side airbags for driver
		and front passenger, head airbags front and rear, three-point inertia-
	r	eel seatbelts on all seats with belt tensioner and belt force limiter at the
Chaorina		front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS)
Stooring ratio overall	:1	with Servotronic function, optional: variable sport steering 14.9
Steering ratio, overall Tyres, front/rear	- 1	225/55 R17 101Y XL
Rims, front/rear		7.5J x 17 light-alloy
Minia, Holloreal		7.57 × 17 light-unoy

BMW Media

information 06/2024

Page 4

Valid as of 07/2024

			BMW 430i xDrive Gran Coupé
Transmission			
Type of transmission	n		Eight-speed Steptronic transmission
Gear ratios	·· I	:1	5.250
dear racios	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-weight ra	tio (DIN)	kg/kW	9,4
Output per litre	tio (Birt)	kW/l	90.1
	100 km/h	S	6.1
Top speed	100 1011111	km/h	250
BMW EfficientDyna			
BMW EfficientDyna	mics		Brake Energy Regeneration with recuperation display, Electric Power
standard features			Steering, Automatic Start Stop function, Optimum Shift Indicator in
			manual shift mode, ECO PRO and COMFORT 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, efficiency-
			optimised all-wheel drive, differential with optimised warm-up
			behaviour, tyres with reduced rolling resistance
			behaviour, tyres with reduced rolling resistance
Environmental			
Energy consumption	n	I/100	7.8 – 7.1
(WLTP combined)		km	
CO ₂ (WLTP combine	ed)	g/km	177 – 161
Emission rating			Euro 6e
CO ₂ class(es)			G – F

¹⁾ Height incl. roof fin ²⁾ Oil change

06/2024

Page 5

Valid as of 07/2024

BMW 4 Series Gran Coupé. M440i xDrive.

		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	mm	1585 / 1612
Ground clearance	mm	140
Turning circle	m	12.0
Fuel tank capacity	approx. I	59
Engine oil ²⁾	i I	7.2
Weight, unladen, to DIN/EU	kg	1825 / 1900
Max. load to DIN	kg	555
Max. permissible weight	kg	2380
Max. axle load, front/rear	kg	1145 / 1325
Max. trailer load		
braked (12%)/unbraked	kg	1800 / 750
Max. roofload/towbar download	kg	75 / 75
Luggage comp. capacity	I	470 – 1290
Air resistance	c _x x A	0.30 x 2.31
Power Unit		
Config./No. of cyls./valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: twin-scroll turbocharger,
Linguic technology		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		
Max. output		
	kW/hp	8 / 11
Electrical System		
12V battery/installation	Ah/-	80 / luggage compartment
48V battery/installation	Ah/-	10 / engine compartment
46 V Butter y/mstallation	AII/-	107 engine computation
Driving Dynamics and Safety		
Suspension, front		Double-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, Start-Off
	,	Assistant, xDrive all-wheel-drive system networked with DSC, M Sport
5.4.		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 front and rear, three-point inertia-
	re	eel seatbelts on all seats with belt tensioner and belt force limiter at the
Chaorina		front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS), variable sport steering with Servotronic function
Chaoring ratio avarall	:1	Variable sport steering with Servotronic function 13.6
Steering ratio, overall Tyres, front/rear	- :1	245/45 R18 100Y XL
Rims, front/rear		8.5J x 18 light-alloy
riins, ironoreur		o.b.x to light-alloy

06/2024

Page 6

Valid as of 07/2024

		BMW M440i xDrive Gran Coupé
Transmission		
Type of transmission		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-weight ratio (DIN)	kg/kW	6.6
Output per litre	kW/l	91.7
Acceleration 0–100 km/h	S	4.7
Top speed	km/h	250
BMW EfficientDynamics		
BMW EfficientDynamics standard features		Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Automatic Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator in manual shift mode, 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
Environmental	1/100	8.8 – 8.2
Energy consumption (WLTP combined)	1/ 1 U U km	8.8 – 8.2
CO ₂ (WLTP combined)	g/km	199 – 186
Emission rating		Euro 6e
CO ₂ class(es)		G

¹⁾ Height incl. roof fin

²⁾ Oil change

06/2024

Page 7

Valid as of 07/2024

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 I	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	ng.	10007 1310
braked (12%)/unbraked	kg	1600 / 750
Max. roofload/towbar download	kg	75 / 75
Luggage comp. capacity	I I	470 – 1290
Air resistance	c _× x A	0.26 x 2.31
All Tesistance	CXXX	0.20 X 2.3 1
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	140 / 190
at	rpm	4000
Max. torque	Ňm	400
at	rpm	1750 – 2500
48V mild hybrid technology		
Max. output		
	kW/hp	8/11
E		
Electrical System	A I. /	70 / 1
12V battery/installation	<u>Ah/-</u>	70 / luggage compartment
48V battery/installation	Ah/-	10 / engine compartment
Driving Dynamics and Safety		
Suspension, front		Double-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
Silving stability systems		(Cornering Brake Control), DBC (Dynamic Brake Control), Performance
		Control, Dry Braking function, Fading Compensation, Start-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 front and rear, three-point inertia-
	r	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	14.9
Tyres, front/rear		225/55 R17 101Y XL
Rims, front/rear		7.5J x 17 light-alloy
· · ·		<u> </u>

06/2024

Page 8

Valid as of 07/2024

Transmission			
Type of transmission			BMW 420d Gran Coupé
Type of transmission			
I			Fight area of Charles and home and a few
II			
III			
N			*****
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 12.2 Output per litre kW/I 70.2 Acceleration 0-100 km/h s 7.3 Top speed km/h 235 BMW EfficientDynamics Standard features Regeneration with recuperation display, Automatic Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator in manual shift mode, Electric Power Steering, BMW Efficient Lightweight, 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 Environmental Energy consumption I/100 5.6 - 5.0 (WLTP combined) km CO ₂ (WLTP combined) g/km 146 - 131 Emission rating Euro 6e			
VI :1 1.000 VII :1 0.822 VIII :1 0.640 R :1 3.712			v
VIII :1 0.822 VIII :1 0.640 R :1 3.712 Final drive :1 2.929	<u> </u>		
VIII :1 0.640			***
R :1 3.712 Final drive :1 2.929 Performance Power-to-weight 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 EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Standard features Regeneration with recuperation display, Automatic Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator in manual shift mode, 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 Environmental Energy consumption I/100 5.6 – 5.0 (WLTP combined) km CO ₂ (WLTP combined) q/km 146 – 131 Emission rating Euro 6e			****=
Performance Power-to-weight 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 EfficientDynamics BMW			
Performance Power-to-weight 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 EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Automatic Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator in manual shift mode, 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 Environmental Energy consumption I/100 5.6 – 5.0 (WLTP combined) km CO₂ (WLTP combined) g/km 146 – 131 Emission rating Euro 6e			-
Power-to-weight 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 EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Automatic Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator in manual shift mode, 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 Environmental Energy consumption I/100 5.6 – 5.0 (WLTP combined) km CO₂ (WLTP combined) g/km 146 – 131 Emission rating Euro 6e	Final drive	:1	2.929
Output per litre kW/l 70.2 Acceleration 0–100 km/h s 7.3 Top speed km/h 235 BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Automatic Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator in manual shift mode, 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 Environmental Energy consumption I/100 5.6 – 5.0 (WLTP combined) km CO₂ (WLTP combined) g/km 146 – 131 Emission rating Euro 6e	Performance		
Acceleration 0–100 km/h Top speed km/h 235 BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Automatic Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator in manual shift mode, 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 Environmental Energy consumption I/100 5.6 – 5.0 (WLTP combined) km CO ₂ (WLTP combined) g/km 146 – 131 Emission rating Euro 6e	Power-to-weight ratio (DIN)	kg/kW	12.2
Top speed km/h 235 BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Automatic Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator in manual shift mode, 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 Environmental Energy consumption [/100	Output per litre	kW/l	70.2
BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Automatic Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator in manual shift mode, 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 Environmental Energy consumption [/100	Acceleration 0–100 km/h	S	7.3
BMW EfficientDynamics standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Automatic Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator in manual shift mode, 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 Environmental Energy consumption (WLTP combined) km CO2 (WLTP combined) g/km 146 – 131 Emission rating Euro 6e	Top speed	km/h	235
BMW EfficientDynamics standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Automatic Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator in manual shift mode, 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 Environmental Energy consumption (WLTP combined) km CO2 (WLTP combined) g/km 146 – 131 Emission rating Euro 6e	BMW EfficientDynamics		
Regeneration with recuperation display, Automatic Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator in manual shift mode, 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 Environmental Energy consumption 1/100 5.6 – 5.0	BMW EfficientDynamics		Mild hybrid technology with 48V starter-generator, Brake Energy
Driving Assistant, Optimum Shift Indicator in manual shift mode, 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 Environmental Energy consumption 1/100 5.6 – 5.0 (WLTP combined) km CO2 (WLTP combined) g/km 146 – 131 Emission rating Euro 6e	standard features	F	
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 Environmental			ECO PRO and COMFORT mode with coasting function, Proactive
attributes, active air flap contral, 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 Environmental			riving Assistant, Optimum Shift Indicator in manual shift mode, Electric
units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter Environmental Energy consumption /100 5.6 – 5.0 (WLTP combined) km CO2 (WLTP combined) q/km 146 – 131 Emission rating Euro 6e			Power Steering, BMW EfficientLightweight, optimised aerodynamic
behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter Environmental Energy consumption (V100 5.6 – 5.0 (WLTP combined) km CO ₂ (WLTP combined) q/km 146 – 131 Emission rating Euro 6e			attributes, active air flap control, on-demand operation of ancillary
Environmental Energy consumption (WLTP combined) km CO ₂ (WLTP combined) q/km 146 – 131 Emission rating Euro 6e			units, map-regulated oil pump, differential with optimised warm-up
Environmental 5.6 – 5.0 Energy consumption (WLTP combined) km CO2 (WLTP combined) q/km 146 – 131 Emission rating Euro 6e			behaviour, tyres with reduced rolling resistance,
Energy consumption $l/100$ $5.6 - 5.0$ (WLTP combined) km $l/100$ $l/$			BMW Blue Performance technology with SCR catalytic converter
Energy consumption $l/100$ $5.6 - 5.0$ (WLTP combined) km $l/100$ $l/$	Environmental		
(WLTP combined) km CO ₂ (WLTP combined) q/km Emission rating Euro 6e		1/100	5.6 – 5.0
CO ₂ (WLTP combined) g/km 146 – 131 Emission rating Euro 6e	3,		2.2
Emission rating Euro 6e	· ,	n/km	146 – 131
		y/ Kill	
	CO ₂ class(es)		

¹⁾ Height incl. roof fin

²⁾ Oil change

06/2024

Page 9

Valid as of 07/2024

BMW 4 Series Gran Coupé. 420d xDrive.

		BMW 420d 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	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		
braked (12%)/unbraked	kg	1600 / 750
Max. roofload/towbar download	kg	75 / 75
Luggage comp. capacity	I	470 – 1290
Air resistance	c _x x A	0.26 x 2.31
Power Unit		1 11 7777
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
F// 11 11		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		
Max. output	14/4//1	0./11
	kW/hp	8/11
Electrical System		
12V battery/installation	Ah/-	70 / luggage compartment
48V battery/installation	Ah/-	11 / engine compartment
	A11/	117 engine comparement
Driving Dynamics and Safety		
Suspension, front		Double-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, Start-Off
		Assistant, xDrive all-wheel-drive system networked 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 front and rear, three-point inertia-
	1	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)
Grand and a second		with Servotronic function, optional: variable sport steering
Steering ratio, overall	:1	14.9
Tyres, front/rear		225/55 R17 101Y XL
Rims, front/rear		7.5 x 17 light-alloy

06/2024

Page 10

Valid as of 07/2024

			BMW 420d xDrive Gran Coupé
Transmission			
Type of transmission			Eight-speed Steptronic transmission
Gear ratios	I	:1	5.250
	II	:1	3.360
	Ш	: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 (l	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 EfficientDynamics

BMW EfficientDynamics standard features

Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Automatic Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator in manual shift mode, 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

Environmental			
Energy consumption	I/100	6.0 – 5.3	
(WLTP combined)	km		
CO ₂ (WLTP combined)	g/km	156 – 139	
Emission rating		Euro 6e	
CO₂ class(es)		F-E	

¹⁾ Height incl. roof fin

²⁾ Oil change

06/2024

Page 11

Valid as of 07/2024

BMW 4 Series Gran Coupé. 430d xDrive.

		BMW 430d 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	mm	1597 / 1624
Ground clearance	mm	140
Turning circle	m	12.0
Fuel tank capacity	approx. I	59
Engine oil ²⁾	I I	7.0
Weight, unladen, to DIN/EU	kg	1845 / 1920
Max. load to DIN	kg	555
Max. permissible weight	kg	2400
Max. axle load, front/rear	kg	1155 / 1320
Max. trailer load	i i i	11337 1320
braked (12%)/unbraked	kg	1800 / 750
Max. roofload/towbar download	kg	75 / 75
Luggage comp. capacity	Ng	470 – 1290
Air resistance	c _× x A	0.26 x 2.31
All resistance	CXXA	0.20 X 2.3 T
Power Unit		
Config./No. of cyls./valves		In-line / 6 / 4
Engine technology		MW TwinPower Turbo technology: multi-stage turbocharging, low- essure turbocharger with variable inlet geometry, common-rail direct injection with piezo injectors (max. injection pressure: 2700 bar)
Effective capacity	СС	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max. output	kW/hp	210 / 286
at	rpm	4000
Max. torque	Nm	650
at	rpm	1500 – 2500
48V mild hybrid technology	трпп	1300 - 2300
Max. output	kW/hp	8/11
Electrical System	A1 /	02.41
12V battery/installation	Ah/_	92 / luggage compartment
48V battery/installation	Ah/-	10 / engine compartment
Driving Dynamics and Safety		
Suspension, front		Double-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,
		Start-Off Assistant, xDrive all-wheel-drive system networked with
		DSC; optional: M Sport suspension, adaptive M suspension, M Sport
Cafabaaaaaa		differential
Safety equipment		Standard: airbags for driver and front passenger, side airbags for
		driver and front passenger, head airbags front and rear, three-point
		inertia-reel seatbelts on all seats with belt tensioner and belt force
Chaorina		limiter at the front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS)
Chaoring ratio averall	.1	with Servotronic function, optional: variable sport steering 14.9
Steering ratio, overall Tyres, front/rear	:1_	14.9 225/55 R17 101Y XL
Rims, front/rear		
Minis, Hundreur		7.5 x 17 light-alloy

BMW

Media information

06/2024

Page 12

Valid as of 07/2024

			BMW 430d xDrive Gran Coupé
Transmission	 I		
Type of transmission			Eight-speed Steptronic transmission
Gear ratios	1	:1	5.500
	II	:1	3.520
	III	:1	2.200
	IV	:1	1.720
	٧	:1	1.317
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.993
Final drive		:1	2.563
Performance			
Power-to-weight ratio (DIN)		kg/kW	8.8
Output per litre		kW/l	70.2
Acceleration 0–100 km/h		S	5.3
Top speed		km/h	250
BMW Efficient	tDynamics		
BMW EfficientDynamics			Mild hybrid technology with 48V starter-generator, Brake Energy
standard features		Regeneration with recuperation display, Automatic Start Stop	
			function, ECO PRO and COMFORT mode with coasting function,
		P	roactive Driving Assistant, Optimum Shift Indicator in manual shift
			ode, 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
		W	vith reduced rolling resistance, BMW Blue Performance technology
			with SCP catalytic converter

 with SCR catalytic converter

 Environmental
 Energy consumption
 I/100 km
 6.3 – 5.7
 (WLTP combined)
 0.2 (WLTP combined)
 166 – 151
 Emission rating
 Euro 6e
 Euro 6e
 CO₂ class(es)
 F – E
 F – E

¹⁾ Height incl. roof fin

²⁾ Oil change

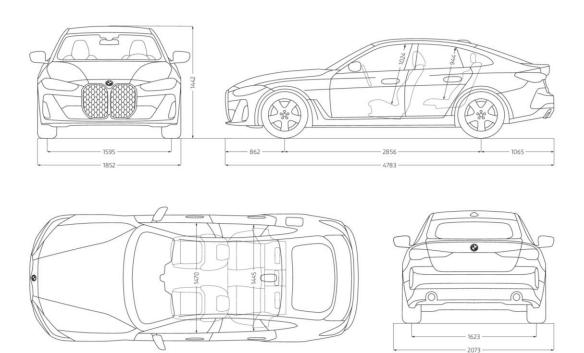
06/2024

Page 13

Valid as of 07/2024

Exterior and interior dimensions. BMW 4 Series Gran Coupé.





The dimensions indicated in the technical drawing are in millimetres and may vary depending on the model and the items of optional equipment fitted.