

Specifications.

BMW 4 Series Gran Coupe.

420i xDrive, 430i xDrive



BMW 420i xDrive Gran Coupe		BMW 430i xDrive Gran Coupe
Body		
No. of doors/seats	4 / 5	4 / 5
Length/width/height (unladen)	mm 4638 / 1825 / 1404	4638 / 1825 / 1404
Wheelbase	mm 2810	2810
Front/rear track	mm 1544 / 1590	1544 / 1590
Ground clearance	mm 145	145
Turning circle	m 11.8	11.8
Fuel capacity	approx. l 60	60
Engine oil capacity ¹⁾	l 5.25	5.25
Weight, unladen (DIN/EU)	kg 1600 / 1675 (1615 / 1690)	1615 / 1690
Payload (DIN)	kg 560	560
Permitted total weight	kg 2160 (2175)	2175
Permitted axle load, front/rear	kg 995 / 1230	995 / 1230
Permitted trailer load (12%) braked/unbraked	kg 1700 / 750	1700 / 750
Permitted roof load/trailer download	kg 75 / 75	75 / 75
Luggage compartment capacity	l 480 – 1300	480 – 1300
Aerodynamic drag	c _x x A 0.30 x 2.16	0.30 x 2.16
Engine		
Type/no. of cylinders/valves	in-line / 4 / 4	in-line / 4 / 4
Engine technology	BMW TwinPower Turbo technology: twin-scroll turbocharger, direct injection system High Precision Injection, fully variable valve control (VALVETRONIC) and double VANOS variable camshaft timing	
Effective capacity	cc 1998	1998
Stroke/bore	mm 94.6 / 82.0	94.6 / 82.0
Compression ratio	:1 11.0	10.2
Fuel type	min RON 91	min RON 91
Output	kW/hp 135 / 184	185 / 252
at rpm	min ⁻¹ 5000	5200
Torque	Nm 270	350
at rpm	min ⁻¹ 1350 – 4600	1450 – 4800
Electrical		
Battery charge/location	Ah/– 90 / luggage compartment	90 / luggage compartment
Driving Dynamics and Safety		
Front suspension	Aluminium double-joint spring-strut axle with displaced camber, small positive steering roll radius, compensation of lateral forces, anti-dive	
Rear suspension	Five-link axle in lightweight steel construction	
Front brakes	Single-piston floating-calliper disc brakes, inner-vented	
Rear brakes	Single-piston floating-calliper disc brakes, inner-vented	
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, linked to xDrive all-wheel drive; optional: Adaptive Suspension	
Safety equipment	Standard: driver and front-seat passenger airbags, driver and front-seat passenger side airbags, head airbags front and rear, three-point automatic seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in front seats, crash sensors, tyre pressure indicator	
Steering	Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Variable Sport Steering	
Overall steering ratio	:1 15.1	15.1
Front/rear tyres	225/50 R17 94W	225/50 R17 94W
Front/rear wheels	7,5J x 17 light-alloy	7,5J x 17 light-alloy

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Transmission				
Type of gearbox			6-speed manual (optional: 8-speed Steptronic)	8-speed Steptronic
Gear ratios	I	:1	4.110 (5.000)	5.000
	II	:1	2.315 (3.200)	3.200
	III	:1	1.542 (2.143)	2.143
	IV	:1	1.179 (1.720)	1.720
	V	:1	1.000 (1.314)	1.314
	VI	:1	0.846 (1.000)	1.000
	VII	:1	– (0.822)	0.822
	VIII	:1	– (0.640)	0.640
	R	:1	3.727 (3.456)	3.456
Differential ratio		:1	3.385 (2.813)	2.813
Performance				
Weight-to-power ratio (DIN unladen)		kg/kW	11.9 (12.0)	8.7
Specific power output		kW/l	67.6	92.6
Acceleration	0–100 km/h	sec	7.8 (8.1)	5.9
in 5th gear	80–120 km/h	sec	9.6 (–)	–
Max. speed		km/h	233 (231)	250
BMW EfficientDynamics				
BMW EfficientDynamics		Brake Energy Regeneration with recuperation display, electric power steering (EPS), Auto Start Stop function, gear shift indicator, ECO PRO mode with coasting function (automatic), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, differential and power divider with optimized-warm-up behaviour, tyres with reduced rolling resistance		
Features included as standard				
Fuel consumption (EU) ²⁾				
with standard wheels and tyres				
Urban		l/100 km	8.7 (7.7)	7.5
Extra-urban		l/100 km	5.4 (4.8)	5.0
Total		l/100 km	6.6 (5.9)	5.9
CO ₂ emissions		g/km	154 (137)	138
With 8J x 18" rims and 225/45 R18 tyres and winter tyres,				
With 8J x 18" front rims, 8.5J x 18" rear rims, 225/45 R18 front tyres and 255/40 R18 rear tyres,				
With 8J x 19" front rims, 8.5J x 19" rear rims, 225/40 R19 front tyres and 255/35 R19 rear tyres				
Urban		l/100 km	9.0 (8.1)	7.8
Extra-urban		l/100 km	5.7 (5.1)	5.2
Total		l/100 km	6.9 (6.2)	6.2
CO ₂ emissions		g/km	161 (144)	144
Emissions standard			EU6	EU6

Technical data valid for ACEA countries/Some permitted weights valid only for Germany
BMW 420i xDrive Gran Coupe: Figures in brackets are for vehicles with automatic transmission

¹⁾ Oil change volume

²⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format