

Specifications.

BMW 4 Series Gran Coupe.

430d xDrive, 435d xDrive



		BMW 430d xDrive Gran Coupe	BMW 435d xDrive Gran Coupe
Body			
No. of doors/seats		4 / 5	4 / 5
Length/width/height ¹⁾ (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	57	57
Cooling and heating system reservoir capacity	l	7.2	7.2
Engine oil capacity ²⁾	l	6.5	6.5
Weight, unladen (DIN/EU)	kg	1675 / 1750	1685 / 1760
Payload (DIN)	kg	560	560
Permitted total weight	kg	2235	2245
Permitted axle load, front/rear	kg	1050 / 1230	1060 / 1230
Permitted trailer load (12%) braked/unbraked	kg	1800 / 750	1800 / 750
Permitted roof load/trailer download	kg	75 / 75	75 / 75
Luggage compartment capacity	l	480 – 1300	480 – 1300
Aerodynamic drag	c _c x A	0.29 x 2.16	0.30 x 2.16
Engine			
Type/no. of cylinders/valves		in-line / 6 / 4	in-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology with variable-geometry turbocharger, Common Rail direct injection with solenoid valve injectors (max. injection pressure: 1800 bar)	BMW TwinPower Turbo technology with two turbochargers, high pressure charger with variable inlet geometry, Common Rail direct injection with piezo injectors (max. injection pressure: 2000 bar)
Effective capacity	cc	2993	2993
Stroke/bore	mm	90.0 / 84.0	90.0 / 84.0
Compression ratio	:1	16.5	16.5
Fuel type		Diesel	Diesel
Output	kW/hp	190 / 258	230 / 313
at rpm	min ⁻¹	4000	4400
Torque	Nm	560	630
at rpm	min ⁻¹	1500 – 3000	1500 – 2500
Electrical			
Battery charge/location	Ah/–	90 / luggage compartment	90 / luggage compartment
Alternator current/output	A/W	170 / 2380	170 / 2380
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 assist, linked to xDrive all-wheel-drive system in Integrated Chassis Management (ICM); optional: Adaptive Suspension	
Safety equipment		Standard: driver and front-seat passenger airbags, driver and front-seat passenger side airbags, head airbags for front and rear seats, 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	15.2	15.2
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	8-speed Steptronic		
Gear ratios	I	:1	4.714
	II	:1	3.143
	III	:1	2.106
	IV	:1	1.667
	V	:1	1.285
	VI	:1	1.000
	VII	:1	0.839
	VIII	:1	0.667
	R	:1	3.317
Differential ratio		:1	2.563
Performance			
Weight-to-power ratio (DIN unladen)	kg/kW		
			8.8
Specific power output	kW/l		7.3
Acceleration 0–100 km/h	sec.		63.5
	0–1,000 m		4.8
			³⁾
in 5th gear 80–120 km/h	sec.		–
Max. speed	km/h		–
			250
			250
BMW EfficientDynamics			
BMW EfficientDynamics Features included as standard	Brake Energy Regeneration with recuperation display, electric power steering (EPS), Auto Start Stop function, ECO PRO mode with coasting function, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, efficiency-optimised rear differential and power divider, tyres with reduced rolling resistance, BMW BluePerformance technology		
Fuel consumption (EU) ⁴⁾			
With standard wheels and tyres			
Urban	l/100 km		6.2
Extra-urban	l/100 km		6.7
Total	l/100 km		4.9
CO ₂ emissions	g/km		5.3
			5.6
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		6.5
Extra-urban	l/100 km		6.7
Combined	l/100 km		5.1
CO ₂ emissions	g/km		5.5
			5.7
Emissions standard			144
			149
			EU6
			EU6

Technical data valid for ACEA countries/Some permitted weights valid only for Germany

¹⁾ Height with roof aerial: 1412 mm

²⁾ Oil change volume

³⁾ Data not yet available

⁴⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format