

Specifications.

BMW 4 Series Gran Coupe.

440i xDrive



BMW 440i xDrive Gran Coupe

Body

No. of doors/seats		4 / 5
Length/width/height (unladen)	mm	4638 / 1825 / 1404
Wheelbase	mm	2810
Front/rear track	mm	1544 / 1590
Ground clearance	mm	145
Turning circle	m	11.8
Fuel capacity	approx. l	60
Engine oil capacity ¹⁾	l	6.5
Weight, unladen (DIN/EU)	kg	1685 / 1760
Payload (DIN)	kg	560
Permitted total weight	kg	2245
Permitted axle load, front/rear	kg	1065 / 1230
Permitted trailer load (12%) braked/unbraked	kg	1800 / 750
Permitted roof load/trailer download	kg	75 / 75
Luggage compartment capacity	l	480 – 1300
Aerodynamic drag	cx x A	0.30 x 2.16

Engine

Type/no. of cylinders/valves		in-line / 6 / 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	2998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel type		min RON 91
Output	kW/hp	240 / 326
at rpm	min ⁻¹	5500
Torque	Nm	450
at rpm	min ⁻¹	1380 – 5000

Electrical

Battery charge/location	Ah/-	90 / luggage compartment
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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
Front/rear tyres		225/50 R17 94W
Front/rear wheels		7,5J x 17 light-alloy

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Transmission

Type of gearbox	8-speed Steptronic		
Gear ratios	I	:1	5.000
	II	:1	3.200
	III	:1	2.143
	IV	:1	1.720
	V	:1	1.314
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.456
Differential ratio		:1	2.813

Performance

Weight-to-power ratio (DIN unladen)		kg/kW	7.0
Specific power output		kW/l	80.1
Acceleration	0–100 km/h	sec	5.0
in 5th gear	80–120 km/h	sec	–
Max. speed		km/h	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		9.5
Extra-urban	l/100 km		5.7
Total	l/100 km		7.1
CO ₂ emissions	g/km		165
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		9.9
Extra-urban	l/100 km		5.9
Total	l/100 km		7.4
CO ₂ emissions	g/km		172
Emissions standard			EU6

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

¹⁾ Oil change volume

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