

Specifications. BMW 4 Series Gran Coupe. 440i



BMW 440i Gran Coupe		
Body		
No. of doors/seats		4 / 5
Length/width/height (unladen)	mm	4638 / 1825 / 1389
Wheelbase	mm	2810
Front/rear track	mm	1545 / 1594
Ground clearance	mm	130
Turning circle	m	11.3
Fuel capacity	approx. l	60
Engine oil capacity ¹⁾	l	6.5
Weight, unladen (DIN/EU)	kg	1615 / 1690
Payload (DIN)	kg	560
Permitted total weight	kg	2175
Permitted axle load, front/rear	kg	1000 / 1230
Permitted trailer load (12%) braked/unbraked	kg	1700 / 750
Permitted roof load/trailer download	kg	75 / 75
Luggage compartment capacity	l	480 – 1300
Aerodynamic drag	c _x x A	0.29 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
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; 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	15.0
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	6.7
Specific power output		kW/l	80.1
Acceleration	0–100 km/h	sec	5.1
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	
Features included as standard		(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 with optimized-warm-up behaviour, tyres with reduced rolling resistance	
Fuel consumption (EU) ²⁾			
with standard wheels and tyres			
Urban	l/100 km		8.8
Extra-urban	l/100 km		5.3
Total	l/100 km		6.6
CO ₂ emissions	g/km		154
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		9.1
Extra-urban	l/100 km		5.5
Total	l/100 km		6.8
CO ₂ emissions	g/km		159
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