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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 | mm | 1595 / 1623 |
| Ground clearance | mm | 13937 1623 |
| Turning circle | mm | 12.0 |
| | m annual l | <u> </u> |
| | approx. l | 59 |
| Engine oil ²⁾ | | 5.25 |
| 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 | | 4600 / 750 |
| braked (12%)/unbraked | kg | 1600 / 750 |
| Max. roofload/towbar download | kg | 75 / 75 |
| Luggage comp. capacity | | 470 – 1290 |
| Air resistance | 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, |
| Engine teemiology | | High Precision Injection, VALVETRONIC fully variable valve timing, |
| | | Double-VANOS variable camshaft timing |
| Effective capacity | СС | 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 - 3300 |
| at | rpm | 1350 – 4000 |
| ut | тріпі | 1550 - 4000 |
| Electrical System | | |
| Battery/installation | Ah/- | 80 / luggage compartment |
| Driving Dynamics and Safety | | |
| Suspension, front | | Double-joint spring strut axle in lightweight aluminium-steel |
| Suspension, front | | construction, hydraulically damped torque strut bearing |
| Sucnancian roor | | Five-link axle in lightweight aluminium-steel construction |
| Suspension, rear Brakes, front | | Vented disc brakes, with single-piston floating callipers |
| Brakes, rear | | Vented disc brakes, with single-piston floating callipers Vented disc brakes, with single-piston floating callipers |
| Driving stability systems | | Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC |
| Driving stability systems | | |
| | | (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off |
| | | Assistant; |
| | | |
| Safety equipment | | optional: M Sport suspension, adaptive M suspension Standard: airbags for driver and front passenger, side airbags for driver |
| Surety equipment | - | and front passenger, head airbags front and rear, three-point inertia- |
| | | eel seatbelts on all seats with belt tensioner and belt force limiter at the |
| | r | front, crash sensors, tyre pressure indicator |
| Stooring | | |
| Steering | | Electric Power Steering (EPS) |
| Chooring ratio greatell | .1 | 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 |

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| | | BMW 420i Gran Coupé |
|---------------------------------|--------|---|
| | | Biriw 4201 didii Coupe |
| 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 | 12.0 |
| Output per litre | kW/l | 67.6 |
| Acceleration 0–100 km/h | s | 7.9 |
| Top speed | km/h | 235 |
| | | |
| BMW EfficientDynamics | | |
| BMW EfficientDynamics | | Brake Energy Regeneration with recuperation display, Electric Power |
| standard features S | | 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 | 1/100 | 7.3 – 6.6 |
| (WLTP combined) | km | 7.5 - 0.0 |
| CO ₂ (WLTP combined) | g/km | 166 – 150 |
| Emission rating | 5/1011 | Euro 6e |
| CO ₂ class(es) | | F-E |

Specifications apply to ACEA markets. WLTP data and weight data apply to the German market.

¹⁾ Height incl. roof fin ²⁾ Oil change

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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, | | |
| Lingine 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 | | | | |
| <u> </u> | kW/hp | 8/11 | | |
| <u> </u> | | | | |
| Electrical System | A I- / | 00/1 | | |
| 12V battery/installation | Ah/- | 80 / 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 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 | | |
| | | 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 | | |
| 5. 1 | | front, crash sensors, tyre pressure indicator | | |
| Steering | | Electric Power Steering (EPS), | | |
| Charles with a " | | variable sport steering with Servotronic function | | |
| Steering ratio, overall | :1 | 13.6 | | |
| Tyres, front/rear | | 245/45 R18 100Y XL | | |
| Rims, front/rear | | 8.5J x 18 light-alloy | | |

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| Transmission | | | BMW M440i xDrive Gran Coupé |
|--|-----------------------------|--------|--|
| Type of transmission Gear ratios I :1 | | | |
| II | | | Fight around Stanting transmission |
| II | | | |
| III | | | 0.20 |
| 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 6.6 Output per litre kW/I 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 COMF-ORT 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 Energy consumption I/100 | | | |
| VI :1 1.000 VII :1 0.822 VIII :1 0.640 R :1 3.712 | | | |
| VII :1 0.822 VIII :1 0.640 R :1 3.712 Final drive :1 2.929 | | | 112.12 |
| VIII :1 0.640 R :1 3.712 | | | 11000 |
| 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 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, efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance Environmental Energy consumption I/100 8.8 – 8.2 (WLTP combined) km CO ₂ (WLTP combined) q/km 199 – 186 Emission rating Euro 6e | | | ****** |
| 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 BY Evaluation BY Evalua | | | 0.00 |
| 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 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 Energy consumption I/100 8.8 – 8.2 (WLTP combined) km CO ₂ (WLTP combined) g/km 199 – 186 Emission rating Euro 6e | · | | <u> </u> |
| 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 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 Energy consumption V100 | Final drive | :1 | 2.929 |
| Output per litre kW/I 91.7 Acceleration 0–100 km/h s 4.7 Top speed km/h 250 BMW EfficientDynamics 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, 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 Energy consumption I/100 8.8 – 8.2 (WLTP combined) km CO2 (WLTP combined) g/km 199 – 186 Emission rating Euro 6e | Performance | | |
| Acceleration 0–100 km/h s 4.7 Top speed km/h 250 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, efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance Environmental Energy consumption I/100 | Power-to-weight ratio (DIN) | kg/kW | 6.6 |
| Top speed km/h 250 | Output per litre | kW/l | 91.7 |
| 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 Energy consumption I/100 8.8 – 8.2 (WLTP combined) km CO₂ (WLTP combined) g/km 199 – 186 Emission rating Euro 6e | Acceleration 0–100 km/h | s | 4.7 |
| 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 Energy consumption [/100 | Top speed | km/h | 250 |
| 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, efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance Environmental | BMW EfficientDynamics | | |
| Energy consumption (WLTP combined) I/100 8.8 - 8.2 (WLTP combined) CO2 (WLTP combined) g/km 199 - 186 (Euro 6e) | | | 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 |
| (WLTP combined) km CO ₂ (WLTP combined) g/km 199 – 186 Emission rating Euro 6e | | 1/100 | 00.02 |
| CO ₂ (WLTP combined) g/km 199 – 186 Emission rating Euro 6e | | | 8.8 – 8.2 |
| Emission rating Euro 6e | | | 100 186 |
| | | y/KIII | |
| | | | |

Specifications apply to ACEA markets. WLTP data and weight data apply to the German market.

¹⁾ Height incl. roof fin

²⁾ Oil change

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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 | 1 | 470 – 1290 |
| Air resistance | c _x x A | 0.26 x 2.31 |
| | | |
| Power Unit | | In line / / / / |
| Config./No. of cyls./valves Engine technology | | 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 | СС | 1995 |
| Stroke/bore | | 90.0 / 84.0 |
| | :1 | |
| Compression ratio | - 11 | 16.5 |
| Fuel May autout | ls\4//bp | <u>Diesel</u> 140 / 190 |
| Max. output at | kW/hp | 4000 |
| Max. torque | rpm Nm | 400 |
| at | | 1750 – 2500 |
| 48V mild hybrid technology | rpm | 1730 - 2300 |
| Max. output | | |
| Max. octput | kW/hp | 8/11 |
| | | **** |
| Electrical System | | |
| 12V battery/installation | Ah/– | 70 / luggage compartment |
| 48V battery/installation | Ah/– | 11 / engine compartment |
| | | |
| Driving Dynamics and Safety Suspension, front | | Double-joint spring strut axle in lightweight aluminium-steel |
| Suspension, none | | 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 |
| Driving stubility systems | | (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- |
| | 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 | | 7.5 x 17 light-alloy |
| | | |

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| | | | BMW 420d xDrive Gran Coupé | |
|-------------------|-----------------|---|---|--|
| Transmission | | | | |
| Type of transn | nission | | 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-weig | ght ratio (DIN) | kg/kW | 12.6 | |
| Output per litre | 9 | kW/l | 70.2 | |
| Acceleration | 0-100 km/h | s | 7.6 | |
| Top speed | | km/h | 233 | |
| BMW Efficient | Dynamics | | | |
| BMW Efficient | Dynamics | | 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, Proactive | | |
| | | | iving 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 | |

| 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 | |

rolling resistance, BMW Blue Performance technology with SCR catalytic converter

Specifications apply to ACEA markets. WLTP data and weight data apply to the German market.

¹⁾ Height incl. roof fin ²⁾ Oil change

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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 | 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 | 9 | 11337 1320 |
| braked (12%)/unbraked | kg | 1800 / 750 |
| Max. roofload/towbar download | kg | 75 / 75 |
| Luggage comp. capacity | | 470 – 1290 |
| Air resistance | c _x x A | 0.26 x 2.31 |
| 7 III TESISTANTEE | | 0.20 / 2.0 |
| Power Unit | | |
| Config./No. of cyls./valves | | In-line / 6 / 4 |
| Engine technology | | BMW TwinPower Turbo technology: multi-stage turbocharging, low- |
| | pr | 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 | | |
| Max. output | kW/hp | 8/11 |
| Electrical System | | |
| 12V battery/installation | Ah/- | 92 / luggage compartment |
| 48V battery/installation | Ah/- | 10 / engine compartment |
| | | <u> </u> |
| 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 |
| | | 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 |
| | | limiter at the front, crash sensors, tyre pressure indicator |
| Steering | | Electric Power Steering (EPS) |
| 5 | | 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 |
| | | |

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| | | | BMW 430d xDrive Gran Coupé |
|------------------|----------------|-------|---|
| Transmission | | | |
| Type of transm | nission | | Eight-speed Steptronic transmission |
| Gear ratios | I | :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-weig | ht ratio (DIN) | kg/kW | 8.8 |
| Output per litre | 2 | kW/l | 70.2 |
| Acceleration | 0–100 km/h | s | 5.3 |
| Top speed | | km/h | 250 |
| BMW Efficient | Dynamics | | |
| BMW Efficientl | Dynamics | | Mild hybrid technology with 48V starter-generator, Brake Energy |
| standard featu | res | | 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 |

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 km | 6.3 – 5.7 |
(WLTP combined) | CO₂ (WLTP combined) | q/km | 166 – 151 |
Emission rating | Euro 6e

aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-

F - F

 $Specifications\ apply\ to\ ACEA\ markets.\ WLTP\ data\ and\ weight\ data\ apply\ to\ the\ German\ market.$

CO₂ class(es)

¹⁾ Height incl. roof fin

²⁾ Oil change

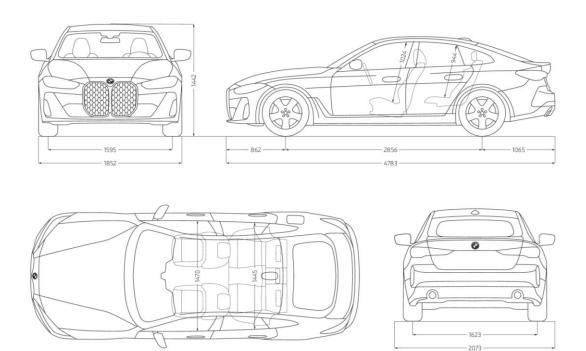
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Exterior and interior dimensions. BMW 4 Series Gran Coupé.





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