

Specifications.

The new BMW 6 Series Gran Coupé.

640d xDrive



| BMW 640d xDrive Gran Coupé | | |
|--|--------------------|---|
| Body | | |
| Number of doors/seats | | 4 / 5 |
| Length/Width/Height (unladen) | mm | 5007 / 1894 / 1392 |
| Wheelbase | mm | 2968 |
| Track front/rear | mm | 1600 / 1665 |
| Ground clearance | mm | 126 |
| Turning circle | m | 11.95 |
| Tank capacity | appr. l | 70 |
| Cooling system incl. heating | l | 8.0 |
| Engine oil ¹⁾ | l | 7.2 |
| Weight, unladen, to DIN/EU | kg | 1870 / 1945 |
| Max. load to DIN | kg | 570 |
| Max. perm. weight, overall | kg | 2470 |
| Max perm axle load front/rear | kg | 1210 / 1315 |
| Max perm trailer load (12%) braked/unbraked | kg | - / - |
| Perm roof load/trail download | kg | 75 / - |
| Luggage capacity | l | 460 – 1265 |
| Air resistance | c _x x A | 0.31 x 2.24 |
| Engine | | |
| Configuration/No. of cyls./valves | | R / 6 / 4 |
| Engine technology | | BMW TwinPower Turbo technology with two turbochargers (Variable Twin Turbo) Common Rail direct injection with piezo injectors (max. injection pressure: 2000 bar) |
| Capacity | cc | 2993 |
| Stroke/bore | mm | 90.0 / 84.0 |
| Compression ratio | :1 | 16.5 |
| Fuel grade | | Diesel |
| Max output | kW/hp | 230 / 313 |
| at | rpm | 4400 |
| Torque | Nm | 630 |
| at | rpm | 1500 – 2500 |
| Electrical system | | |
| Battery/installation | Ah/- | 90 / luggage comp |
| Alternator | A/W | 220 / 3080 |
| Driving dynamics and safety | | |
| Suspension, front | | Double-track control arm with separate lower track arm level, aluminium, small steering roll radius, anti-dive |
| Suspension, rear | | Integral-V multi-arm axle, aluminium, anti-squat and anti-dive, double acoustic separation |
| Brakes, front | | Single-piston aluminium floating-calliper disc brakes in frame design |
| Diameter | mm | 348 x 30 / vented |
| Brakes, rear | | Single-piston aluminium floating-calliper disc brakes |
| Diameter | mm | 345 x 24 / vented |
| Driving stability systems | | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, cross-linking of the four-wheel drive with the stability control system DSC within the Integrated Chassis Management (ICM); optional: Dynamic Damper Control ²⁾ ; Adaptive Drive |
| Safety features | | Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter integrated in the front seats, crash-activated head restraints at the front, crash sensors, runflat tyres, Tyre Defect Indicator |
| Steering | | Hydraulic rack-and-pinion steering with Servotronic |
| Overall steering transmission | :1 | 18.7 |
| Tyres front/rear | | 225/55 R17 97Y RSC (245/45 R18 96Y RSC ²⁾) |
| Wheels front/rear | | 8J x 17 LM (8J x 18 LM ²⁾) |

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| BMW 640d xDrive Gran Coupe | | | | |
|---|--|---|-------|------|
| BMW ConnectedDrive | | | | |
| Comfort | | Extras: BMW Assist incl. Enquiry Service, remote-control functions, Real Time Traffic Information, BMW TeleServices, integration of mobile devices | | |
| Infotainment | | Extras: Internet access, BMW Online incl. Park Info, National Info, Google Local Search, News, Realtime Weather, BMW Routes, Office functions, Bluetooth Audio Streaming, Online Update Music Tracks, Apps | | |
| Safety | | Extras: Adaptive Headlights with cornering lights, variable light distribution and adaptive headlight range control, High Beam Assistant, Park Distance Control, rear-view camera, Surround View incl. Top View and Side View, BMW Night Vision with pedestrian recognition, Head-Up Display, Active Cruise Control with Stop & Go function, rear-end collision warning with braking function, Lane Change Warning, Lane Departure Warning, Speed Limit Info, Automatic/Advanced Emergency Call | | |
| Transmission | | | | |
| Type | | Eight-speed automatic with Steptronic | | |
| Gear ratios | | I | 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 | |
| Final drive | | :1 | 2.813 | |
| Performance | | | | |
| Power-to-weight ratio (DIN) | | kg/kW | 8.1 | |
| Output per litre | | kW/l | 76.8 | |
| Acceleration | | 0–100 km/h | s | 5.3 |
| | | 0–1000 m | s | 24.6 |
| In 4th gear | | 80–120 km/h | s | – |
| Top speed | | km/h | 250 | |
| BMW EfficientDynamics | | | | |
| BMW EfficientDynamics measures as standard | | Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO Modus, intelligent lightweight construction, on-demand operation of ancillary units, air flap control, detachable a/c compressor, tyres with reduced rolling resistance | | |
| Fuel consumption EU³⁾ | | | | |
| With standard wheels and tyres 8J x 17 wheels, 225/55 R17 tyres (option 2K1) | | | | |
| Urban | | l/100 km | 7.1 | |
| Extra-urban | | l/100 km | 5.0 | |
| Composite | | l/100 km | 5.8 | |
| CO ₂ | | g/km | 152 | |
| With 8J x 18 wheels and 245/45 R18 tyres (option 2D3, standard in Germany) or with winter tyres (option 9WR, 931) | | | | |
| Urban | | l/100 km | 7.2 | |
| Extra-urban | | l/100 km | 5.1 | |
| Composite | | l/100 km | 5.9 | |
| CO ₂ | | g/km | 154 | |
| With 8.5J x 19 wheels at the front, 9J x 19 at the rear and 245/40 R19 tyres at the front, 275/35 R19 at the rear (option 2DP, 2FB, 2ND, 2MZ, 2WE), | | | | |
| With 8.5J x 20 wheels at the front, 9J x 20 at the rear and 245/35 R20 tyres at the front, 275/30 R20 at the rear (option 2H9, 2NM, 2NL) | | | | |
| Urban | | l/100 km | 7.4 | |
| Extra-urban | | l/100 km | 5.2 | |
| Composite | | l/100 km | 6.0 | |
| CO ₂ | | g/km | 158 | |
| Emission classification | | | EU5 | |

Technical data valid for ACEA markets/part of data relevant to homologation only apply to Germany (weights)

¹⁾ Oil change quantity

²⁾ Standard in Germany

³⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format