

# Technical specifications.

## The new BMW X5.

### X5 xDrive40i.



| BMW X5 xDrive40i                        |  |   |
|---|--|---|
| <b>Body</b>                             |  |   |
| No of doors/seats                       |  | 5 / 5 (7) <sup>1)</sup>                 |
| Length/width/height (unladen)           | mm   | 4922 / 2004 / 1745                      |
| Wheelbase                               | mm   | 2975                                    |
| Track, front/rear                       | mm   | 1666 / 1685                             |
| Turning circle                          | m  | 12.6                                    |
| Fuel tank capacity                      | approx. l  | 83                                      |
| Engine oil <sup>2)</sup>                | l  | 6.5                                     |
| Weight, unladen, to DIN/EU              | kg   | 2060 / 2135 (2135 / 2210) <sup>1)</sup> |
| Max load to DIN                         | kg   | 765 (895) <sup>1)</sup>                 |
| Max permissible weight                  | kg   | 2800 / 3010 <sup>1)</sup>               |
| Max axle load, front/rear               | kg   | 1280 / 1580 (1315 / 1825) <sup>1)</sup> |
| Max trailer load, braked (12%/unbraked) | kg   | 2700 / 750                              |
| Max roofload/max towbar download        | kg   | 100 / 140                               |
| Luggage comp capacity                   | l  | 845 – 1860                              |
| Air resistance                          | c <sub>d</sub> x A   | 0.32 x 2.90                             |
| <b>Power Unit</b>                       |  |   |
| Config/No of cyls/valves                |  | In-line / 6 / 4                         |
| Engine technology                       | BMW TwinPower Turbo technology: TwinScroll turbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve control, Double-VANOS variable camshaft timing  |   |
| Effective capacity                      | cc   | 2998                                    |
| Stroke/bore                             | mm   | 94.6 / 82.0                             |
| Compression ratio                       | :1   | 11.0                                    |
| Fuel                                    |  | Min. RON 87                             |
| Max output                              | kW/hp  | 250 / 340                               |
| at                                      | rpm  | 5500 – 6500                             |
| Max torque                              | Nm   | 450                                     |
| at                                      | rpm  | 1500 – 5200                             |
| <b>Electrical System</b>                |  |   |
| Battery/installation                    | Ah/–   | 92 / luggage compartment                |
| <b>Driving Dynamics and Safety</b>      |  |   |
| Suspension, front                       | Double-wishbone axle in aluminium construction; optional: air suspension with automatic self-levelling   |   |
| Suspension, rear                        | Five-link axle in lightweight steel construction; optional: air suspension with automatic self-levelling   |   |
| Brakes, front                           | Single-piston fixed-calliper disc brakes, vented   |   |
| Brakes, rear                            | Single-piston floating-calliper disc brakes, vented  |   |
| Driving stability systems               | Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, DSC networked with xDrive all-wheel-drive system, ADB-X (Active Differential Brake), HDC (Hill Descent Control), Dynamic Damper Control; optional: active roll stabilisation, electronically controlled rear differential lock |   |
| Safety equipment                        | 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 stopper, belt latch tensioner and belt force limiter in the front, crash sensors, tyre pressure indicator  |   |
| Steering                                | Electric Power Steering (EPS); optional: Integral Active Steering  |   |
| Steering ratio, overall                 | :1   | 18.7                                    |
| Tyres, front/rear                       |  | 255/55 R18 109W XL                      |
| Rims, front/rear                        |  | 8.5J x 18 light-alloy                   |

| BMW X5 xDrive40i                        |      |   |                         |
|---|------|---|-------------------------|
| 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                      |
| Final drive                             |      | :1  | 3.385                   |
| Performance                             |      |   |                         |
| Power-to-weight ratio (DIN)             |      | kg/kW   | 8.2 (8.5) <sup>1)</sup> |
| Output per litre                        |      | kW/l  | 83.4                    |
| Acceleration 0–100 km/h                 |      | s   | 5.5                     |
| Top speed                               |      | km/h  | 243                     |
| Off-road characteristics                |      |   |                         |
| Angle of approach/departure             |      | °   | 25.2 / 22.3             |
| Breakover angle                         |      | °   | 20.2                    |
| Ground clearance when unladen           |      | mm  | 214                     |
| Fording depth (at 7 km/h)               |      | mm  | 500                     |
| BMW EfficientDynamics                   |      |   |                         |
| BMW EfficientDynamics standard features |      | Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes on-demand operation of ancillary units, map-regulated oil pump, efficiency- and weight-optimised all-wheel drive, differential and transfer case with optimised warm-up behaviour, tyres with reduced rolling resistance |                         |
| Fuel Consumption ECE <sup>3)</sup>      |      |   |                         |
| Urban                                   |      | l/100 km  | <sup>4)</sup>           |
| Extra-urban                             |      | l/100 km  | <sup>4)</sup>           |
| Combined                                |      | l/100 km  | 8.8 – 8.5               |
| CO <sub>2</sub>                         |      | g/km  | 200 – 193               |
| Emission rating                         |      | EU6d-TEMP   |                         |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)  
All technical specifications are provisional

<sup>1)</sup> With optional third seat row

<sup>2)</sup> Oil change

<sup>3)</sup> Fuel consumption and CO<sub>2</sub> emissions depend on the selected tyre format

<sup>4)</sup> Figures not yet available

The fuel consumption, CO<sub>2</sub> emissions and electric power consumption figures were determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

The values for the vehicles marked \* are already based on the new WLTP test cycle and have been translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO<sub>2</sub> emissions, the CO<sub>2</sub> values may differ from the values stated here (depending on national legislation).

The CO<sub>2</sub> efficiency specifications are determined according to Directive 1999/94/EC and the latest version of the Pkw-EnVKV, and based (for classification) on the fuel consumption and CO<sub>2</sub> values as per the NEDC cycle.

Further information on official fuel consumption figures and specific CO<sub>2</sub> emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO<sub>2</sub>-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guideline for fuel consumption, CO<sub>2</sub> emissions and electric power consumption of new passenger cars), which can be obtained free of charge from all dealerships and at <https://www.dat.de/en/offers/publications/guideline-for-fuel-consumption.html>.

# The new BMW X5. X5 xDrive50i. (Not available in Europe)

| BMW X5 xDrive50i                           |  |                           |
|--|--|---------------------------|
| <b>Body</b>                                |  |                           |
| No of doors/seats                          |  | 5 / 5                     |
| Length/width/height (unladen)              | mm   | 4922 / 2004 / 1745        |
| Wheelbase                                  | mm   | 2975                      |
| Track, front/rear                          | mm   | 1678 / 1697               |
| Turning circle                             | m  | 12.6                      |
| Fuel tank capacity                         | approx. l  | 83                        |
| Engine oil <sup>1)</sup>                   | l  | 10.5                      |
| Weight, unladen, to DIN/EU                 | kg   | 2286 / 2361               |
| Max load to DIN                            | kg   | 765                       |
| Max permissible weight                     | kg   | 2930                      |
| Max axle load, front/rear                  | kg   | 1410 / 1605               |
| Max trailer load,<br>braked (12%/unbraked) | kg   | 2700 / 750                |
| Max roofload/max towbar<br>download        | kg   | 100 / 140                 |
| Luggage comp capacity                      | l  | 845 – 1860                |
| Air resistance                             | c <sub>d</sub> x A   | 0.32 x 2.90               |
| <b>Power Unit</b>                          |  |                           |
| Config/No of cyls/valves                   |  | V / 8 / 4                 |
| Engine technology                          | BMW TwinPower Turbo technology: two TwinScroll turbochargers, High Precision Direct Injection, VALVETRONIC fully variable valve control, Double-VANOS variable camshaft control  |                           |
| Effective capacity                         | cc   | 4395                      |
| Stroke/bore                                | mm   | 88.3 / 89.0               |
| Compression ratio                          | :1   | 10.5                      |
| Fuel                                       |  | Min. RON 91               |
| Max output                                 | kW/hp  | 340 / 462                 |
| at   | rpm  | 5250 – 6000               |
| Max torque                                 | Nm   | 650                       |
| at   | rpm  | 1500 – 4750               |
| <b>Electrical System</b>                   |  |                           |
| Battery/installation                       | Ah/–   | 105 / luggage compartment |
| <b>Driving Dynamics and Safety</b>         |  |                           |
| Suspension, front                          | Double-wishbone axle in aluminium construction; optional: air suspension with automatic self-levelling   |                           |
| Suspension, rear                           | Five-link axle in lightweight steel construction; optional: air suspension with automatic self-levelling   |                           |
| Brakes, front                              | Single-piston fixed-calliper disc brakes, vented   |                           |
| Brakes, rear                               | Single-piston floating-calliper disc brakes, vented  |                           |
| Driving stability systems                  | Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, DSC networked with xDrive all-wheel-drive system, ADB-X (Active Differential Brake), HDC (Hill Descent Control), Dynamic Damper Control; optional: active roll stabilisation, electronically controlled rear differential lock |                           |
| Safety equipment                           | 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 stopper, belt latch tensioner and belt force limiter in the front, crash sensors, tyre pressure indicator  |                           |
| Steering                                   | Electric Power Steering (EPS);<br>optional: Integral Active Steering   |                           |
| Steering ratio, overall                    | :1   | 18.7                      |
| Tyres, front/rear                          |  | 265/50 R19 110W XL        |
| Rims, front/rear                           |  | 9J x 19 light-alloy       |

| BMW X5 xDrive50i                        |  |                                     |             |
|---|--|-------------------------------------|-------------|
| Transmission                            |  |                                     |             |
| Type of transmission                    |  | Eight-speed Steptronic transmission |             |
| Gear ratios                             | I  | :1                                  | 5.500       |
|   | II   | :1                                  | 3.520       |
|   | III  | :1                                  | 2.200       |
|   | IV   | :1                                  | 1.720       |
|   | V  | :1                                  | 1.317       |
|   | VI   | :1                                  | 1.000       |
|   | VII  | :1                                  | 0.823       |
|   | VIII   | :1                                  | 0.640       |
|   | R  | :1                                  | 3.993       |
| Final drive                             |  | :1                                  | 3.154       |
| Performance                             |  |                                     |             |
| Power-to-weight ratio (DIN)             | kg/kW  |                                     | 6.7         |
| Output per litre                        | kW/l   |                                     | 77.4        |
| Acceleration                            | 0–100 km/h   | s                                   | 4.7         |
| Top speed                               |  | km/h                                | 250         |
| Off-road characteristics                |  |                                     |             |
| Angle of approach/departure             |  | °                                   | 25.2 / 22.3 |
| Breakover angle                         |  | °                                   | 20.2        |
| Ground clearance when unladen           | mm   |                                     | 214         |
| Fording depth (at 7 km/h)               | mm   |                                     | 500         |
| BMW EfficientDynamics                   |  |                                     |             |
| BMW EfficientDynamics standard features | Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, efficiency- and weight-optimised all-wheel drive, differential and transfer case with optimised warm-up behaviour, tyres with reduced rolling resistance |                                     |             |
| Fuel Consumption ECE                    |  |                                     |             |
| Urban                                   | l/100 km   |                                     | 15.6        |
| Extra-urban                             | l/100 km   |                                     | 9.2         |
| Combined                                | l/100 km   |                                     | 11.6        |
| CO <sub>2</sub>                         | g/km   |                                     | 264         |
| Emission rating                         |  |                                     | –           |

All technical specifications are provisional

<sup>1)</sup> Oil change

The fuel consumption, CO<sub>2</sub> emissions and electric power consumption figures were determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

The values for the vehicles marked \* are already based on the new WLTP test cycle and have been translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO<sub>2</sub> emissions, the CO<sub>2</sub> values may differ from the values stated here (depending on national legislation).

The CO<sub>2</sub> efficiency specifications are determined according to Directive 1999/94/EC and the latest version of the Pkw-EnVKV, and based (for classification) on the fuel consumption and CO<sub>2</sub> values as per the NEDC cycle.

Further information on official fuel consumption figures and specific CO<sub>2</sub> emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO<sub>2</sub>-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guideline for fuel consumption, CO<sub>2</sub> emissions and electric power consumption of new passenger cars), which can be obtained free of charge from all dealerships and at <https://www.dat.de/en/offers/publications/guideline-for-fuel-consumption.html>.

# The new BMW X5. X5 xDrive30d.

| BMW X5 xDrive30d                           |  |   |
|--|--|---|
| <b>Body</b>                                |  |   |
| No of doors/seats                          |  | 5 / 5 (7) <sup>1)</sup>                 |
| Length/width/height (unladen)              | mm   | 4922 / 2004 / 1745                      |
| Wheelbase                                  | mm   | 2975                                    |
| Track, front/rear                          | mm   | 1666 / 1685                             |
| Turning circle                             | m  | 12.6                                    |
| Fuel tank capacity                         | approx. l  | 80                                      |
| Engine oil <sup>2)</sup>                   | l  | 6.5                                     |
| Weight, unladen, to DIN/EU                 | kg   | 2110 / 2185 (2185 / 2260) <sup>1)</sup> |
| Max load to DIN                            | kg   | 770 (905) <sup>1)</sup>                 |
| Max permissible weight                     | kg   | 2860 (3090) <sup>1)</sup>               |
| Max axle load, front/rear                  | kg   | 1320 / 1615 (1340 / 1870) <sup>1)</sup> |
| Max trailer load,<br>braked (12%/unbraked) | kg   | 2700 / 750                              |
| Max roofload/max towbar<br>download        | kg   | 100 / 140                               |
| Luggage comp capacity                      | l  | 845 – 1860                              |
| Air resistance                             | c <sub>d</sub> x A   | 0.31 x 2.90                             |
| <b>Power Unit</b>                          |  |   |
| Config/No of cyls/valves                   |  | In-line / 6 / 4                         |
| Engine technology                          | BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common-rail direct injection with piezo injectors (max. injection pressure: 2500 bar)   |   |
| Effective capacity                         | cc   | 2993                                    |
| Stroke/bore                                | mm   | 90.0 / 84.0                             |
| Compression ratio                          | :1   | 16.5                                    |
| Fuel                                       |  | Diesel                                  |
| Max output                                 | kW/hp  | 195 / 265                               |
| at   | rpm  | 4000                                    |
| Max torque                                 | Nm   | 620                                     |
| at   | rpm  | 2000 – 2500                             |
| <b>Electrical System</b>                   |  |   |
| Battery/installation                       | Ah/–   | 92 / luggage compartment                |
| <b>Driving Dynamics and Safety</b>         |  |   |
| Suspension, front                          | Double-wishbone axle in aluminium construction; optional: air suspension with automatic self-levelling   |   |
| Suspension, rear                           | Five-link axle in lightweight steel construction; optional: air suspension with automatic self-levelling   |   |
| Brakes, front                              | Single-piston fixed-calliper disc brakes, vented   |   |
| Brakes, rear                               | Single-piston floating-calliper disc brakes, vented  |   |
| Driving stability systems                  | Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, DSC networked with xDrive all-wheel-drive system, ADB-X (Active Differential Brake), HDC (Hill Descent Control), Dynamic Damper Control; optional: active roll stabilisation, electronically controlled rear differential lock |   |
| Safety equipment                           | 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 stopper, belt latch tensioner and belt force limiter in the front, crash sensors, tyre pressure indicator  |   |
| Steering                                   | Electric Power Steering (EPS); optional: Integral Active Steering  |   |
| Steering ratio, overall                    | :1   | 18.7                                    |
| Tyres, front/rear                          | 255/55 R18 109W XL   |   |
| Rims, front/rear                           | 8.5J x 18 light-alloy  |   |

| BMW X5 xDrive30d                        |   |                                     |       |
|---|---|-------------------------------------|-------|
| Transmission                            |   |                                     |       |
| Type of transmission                    |   | Eight-speed Steptronic transmission |       |
| Gear ratios                             | I   | :1                                  | 5.500 |
|   | II  | :1                                  | 3.520 |
|   | III   | :1                                  | 2.200 |
|   | IV  | :1                                  | 1.720 |
|   | V   | :1                                  | 1.317 |
|   | VI  | :1                                  | 1.000 |
|   | VII   | :1                                  | 0.823 |
|   | VIII  | :1                                  | 0.640 |
|   | R   | :1                                  | 3.993 |
| Final drive                             |   | :1                                  | 2.929 |
| Performance                             |   |                                     |       |
| Power-to-weight ratio (DIN)             | kg/kW   | 10.8 (11.2) <sup>1)</sup>           |       |
| Output per litre                        | kW/l  | 65.2                                |       |
| Acceleration 0–100 km/h                 | s   | 6.5                                 |       |
| Top speed                               | km/h  | 230                                 |       |
| Off-road characteristics                |   |                                     |       |
| Angle of approach/departure             | °   | 25.2 / 22.3                         |       |
| Breakover angle                         | °   | 20.2                                |       |
| Ground clearance when unladen           | mm  | 214                                 |       |
| Fording depth (at 7 km/h)               | mm  | 500                                 |       |
| BMW EfficientDynamics                   |   |                                     |       |
| BMW EfficientDynamics standard features | Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, efficiency- and weight-optimised all-wheel drive, differential and transfer case with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology |                                     |       |
| Fuel Consumption ECE <sup>3)</sup>      |   |                                     |       |
| Urban                                   | l/100 km  | 7.7 – 6.8                           |       |
| Extra-urban                             | l/100 km  | 6.3 – 5.6                           |       |
| Combined                                | l/100 km  | 6.8 – 6.0                           |       |
| CO <sub>2</sub>                         | g/km  | 179 – 158                           |       |
| Emission rating                         | EU6d-TEMP   |                                     |       |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)  
All technical specifications are provisional

<sup>1)</sup> With optional third seat row

<sup>2)</sup> Oil change

<sup>3)</sup> Fuel consumption and CO<sub>2</sub> emissions depend on the selected tyre format

The fuel consumption, CO<sub>2</sub> emissions and electric power consumption figures were determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

The values for the vehicles marked \* are already based on the new WLTP test cycle and have been translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO<sub>2</sub> emissions, the CO<sub>2</sub> values may differ from the values stated here (depending on national legislation).

The CO<sub>2</sub> efficiency specifications are determined according to Directive 1999/94/EC and the latest version of the Pkw-EnVKV, and based (for classification) on the fuel consumption and CO<sub>2</sub> values as per the NEDC cycle.

Further information on official fuel consumption figures and specific CO<sub>2</sub> emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO<sub>2</sub>-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guideline for fuel consumption, CO<sub>2</sub> emissions and electric power consumption of new passenger cars), which can be obtained free of charge from all dealerships and at <https://www.dat.de/en/offers/publications/guideline-for-fuel-consumption.html>.

# The new BMW X5. X5 M50d.

| BMW X5 M50d                                |  |   |
|--|--|---|
| <b>Body</b>                                |  |   |
| No of doors/seats                          |  | 5 / 5 (7) <sup>1)</sup>                 |
| Length/width/height (unladen)              | mm   | 4922 / 2004 / 1745                      |
| Wheelbase                                  | mm   | 2975                                    |
| Track, front/rear                          | mm   | 1680 / 1687                             |
| Turning circle                             | m  | 12.6                                    |
| Fuel tank capacity                         | approx. l  | 80                                      |
| Engine oil <sup>2)</sup>                   | l  | 6.5                                     |
| Weight, unladen, to DIN/EU                 | kg   | 2275 / 2350 (2350 / 2425) <sup>1)</sup> |
| Max load to DIN                            | kg   | 820 (880) <sup>1)</sup>                 |
| Max permissible weight                     | kg   | 3010 (3160) <sup>1)</sup>               |
| Max axle load, front/rear                  | kg   | 1395 / 1670 (1405 / 1865) <sup>1)</sup> |
| Max trailer load,<br>braked (12%/unbraked) | kg   | 2700 / 750                              |
| Max roofload/max towbar<br>download        | kg   | 100 / 140                               |
| Luggage comp capacity                      | l  | 845 – 1860                              |
| Air resistance                             | c <sub>d</sub> x A   | 0.32 x 2.90                             |
| <b>Power Unit</b>                          |  |   |
| Config/No of cyls/valves                   |  | In-line / 6 / 4                         |
| Engine technology                          | M Performance TwinPower Turbo technology: multi-stage turbocharging with four turbochargers (two turbochargers for the high-pressure stage and two for the low-pressure stage), high-pressure turbochargers with variable inlet geometry, common-rail direct injection with piezo injectors (max. injection pressure: >2500 bar)   |   |
| Effective capacity                         | cc   | 2993                                    |
| Stroke/bore                                | mm   | 90.0 / 84.0                             |
| Compression ratio                          | :1   | 16.0                                    |
| Fuel                                       |  | Diesel                                  |
| Max output                                 | kW/hp  | 294 / 400                               |
| at   | rpm  | 4400                                    |
| Max torque                                 | Nm   | 760                                     |
| at   | rpm  | 2000 – 3000                             |
| <b>Electrical System</b>                   |  |   |
| Battery/installation                       | Ah/–   | 92 / luggage compartment                |
| <b>Driving Dynamics and Safety</b>         |  |   |
| Suspension, front                          | Double-wishbone axle in aluminium construction; optional: air suspension with automatic self-levelling   |   |
| Suspension, rear                           | Five-link axle in lightweight steel construction; optional: air suspension with automatic self-levelling   |   |
| Brakes, front                              | Single-piston fixed-calliper disc brakes, vented   |   |
| Brakes, rear                               | Single-piston floating-calliper disc brakes, vented  |   |
| Driving stability systems                  | Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, DSC networked with xDrive all-wheel-drive system, ADB-X (Active Differential Brake), HDC (Hill Descent Control), Dynamic Damper Control; optional: active roll stabilisation, electronically controlled rear differential lock |   |
| Safety equipment                           | 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 stopper, belt latch tensioner and belt force limiter in the front, crash sensors, tyre pressure indicator  |   |
| Steering                                   | Electric Power Steering (EPS); optional: Integral Active Steering  |   |
| Steering ratio, overall                    | :1   | 18.7                                    |
| Tyres, front/rear                          | 275/40 R21 107Y XL/<br>315/35 R21 111Y XL  |   |
| Rims, front/rear                           | 9.5J x 21 light-alloy/<br>10.5J x 21 light-alloy   |   |

| BMW X5 M50d                             |          |  |       |
|---|----------|--|-------|
| Transmission                            |          |  |       |
| Type of transmission                    |          | Eight-speed Steptronic transmission  |       |
| Gear ratios                             | I        | :1   | 5.500 |
|   | II       | :1   | 3.520 |
|   | III      | :1   | 2.200 |
|   | IV       | :1   | 1.720 |
|   | V        | :1   | 1.317 |
|   | VI       | :1   | 1.000 |
|   | VII      | :1   | 0.823 |
|   | VIII     | :1   | 0.640 |
|   | R        | :1   | 3.993 |
| Final drive                             |          | :1   | 3.154 |
| Performance                             |          |  |       |
| Power-to-weight ratio (DIN)             | kg/kW    | 7.7 (8.0) <sup>1)</sup>  |       |
| Output per litre                        | kW/l     | 98.2   |       |
| Acceleration 0–100 km/h                 | s        | 5.2  |       |
| Top speed                               | km/h     | 250  |       |
| Off-road characteristics                |          |  |       |
| Angle of approach/departure             | °        | 25.2 / 22.3  |       |
| Breakover angle                         | °        | 20.2   |       |
| Ground clearance when unladen           | mm       | 214  |       |
| Fording depth (at 7 km/h)               | mm       | 500  |       |
| BMW EfficientDynamics                   |          |  |       |
| BMW EfficientDynamics standard features |          | Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, efficiency- and weight-optimised all-wheel drive, differential and transfer case with optimised warm-up behaviour, BMW Blue Performance technology |       |
| Fuel Consumption ECE <sup>3)</sup>      |          |  |       |
| Urban                                   | l/100 km | 8.1 – 7.6  |       |
| Extra-urban                             | l/100 km | 6.7 – 6.3  |       |
| Combined                                | l/100 km | 7.2 – 6.8  |       |
| CO <sub>2</sub>                         | g/km     | 190 – 179  |       |
| Emission rating                         |          | EU6d-TEMP  |       |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)  
All technical specifications are provisional

<sup>1)</sup> With optional third seat row

<sup>2)</sup> Oil change

<sup>3)</sup> Fuel consumption and CO<sub>2</sub> emissions depend on the selected tyre format

The fuel consumption, CO<sub>2</sub> emissions and electric power consumption figures were determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

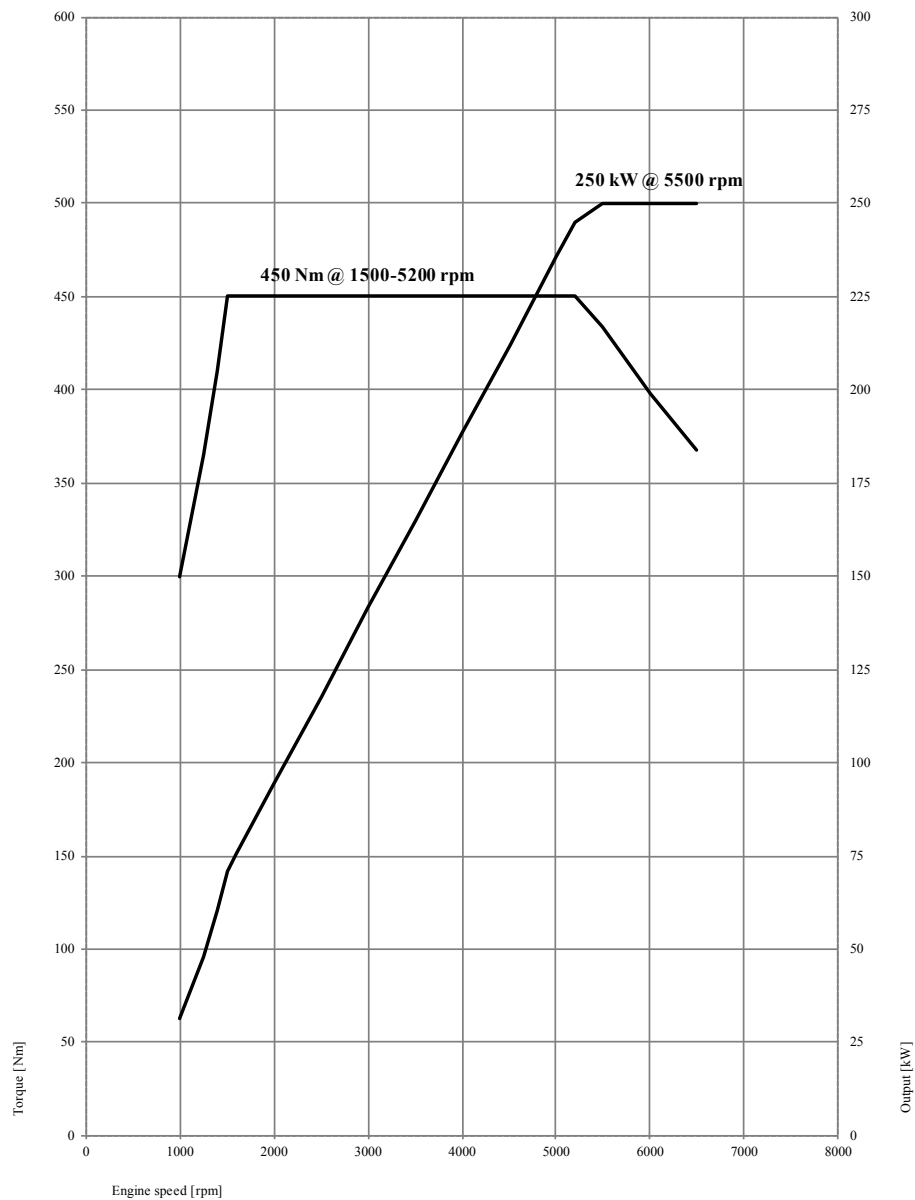
The values for the vehicles marked \* are already based on the new WLTP test cycle and have been translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO<sub>2</sub> emissions, the CO<sub>2</sub> values may differ from the values stated here (depending on national legislation).

The CO<sub>2</sub> efficiency specifications are determined according to Directive 1999/94/EC and the latest version of the Pkw-EnVKV, and based (for classification) on the fuel consumption and CO<sub>2</sub> values as per the NEDC cycle.

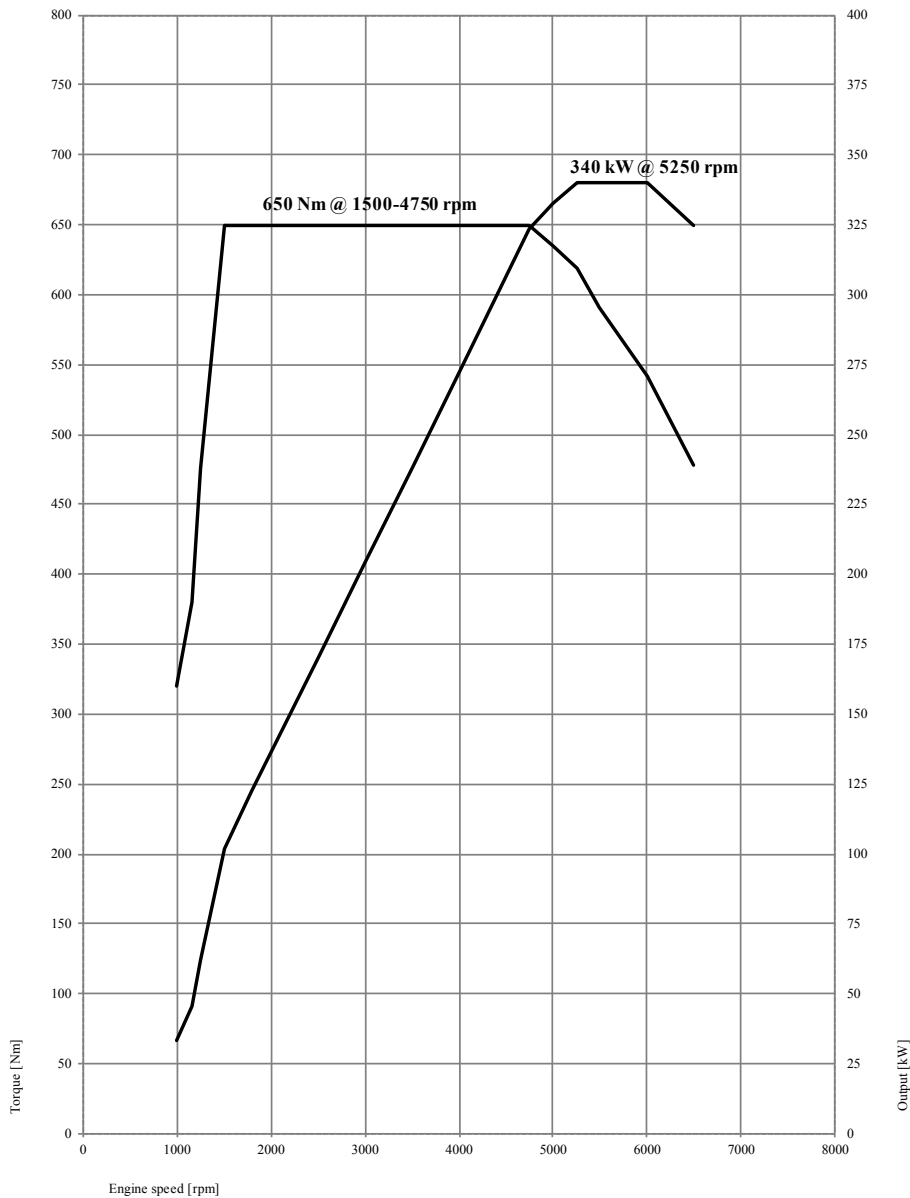
Further information on official fuel consumption figures and specific CO<sub>2</sub> emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO<sub>2</sub>-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guideline for fuel consumption, CO<sub>2</sub> emissions and electric power consumption of new passenger cars), which can be obtained free of charge from all dealerships and at <https://www.dat.de/en/offers/publications/guideline-for-fuel-consumption.html>.



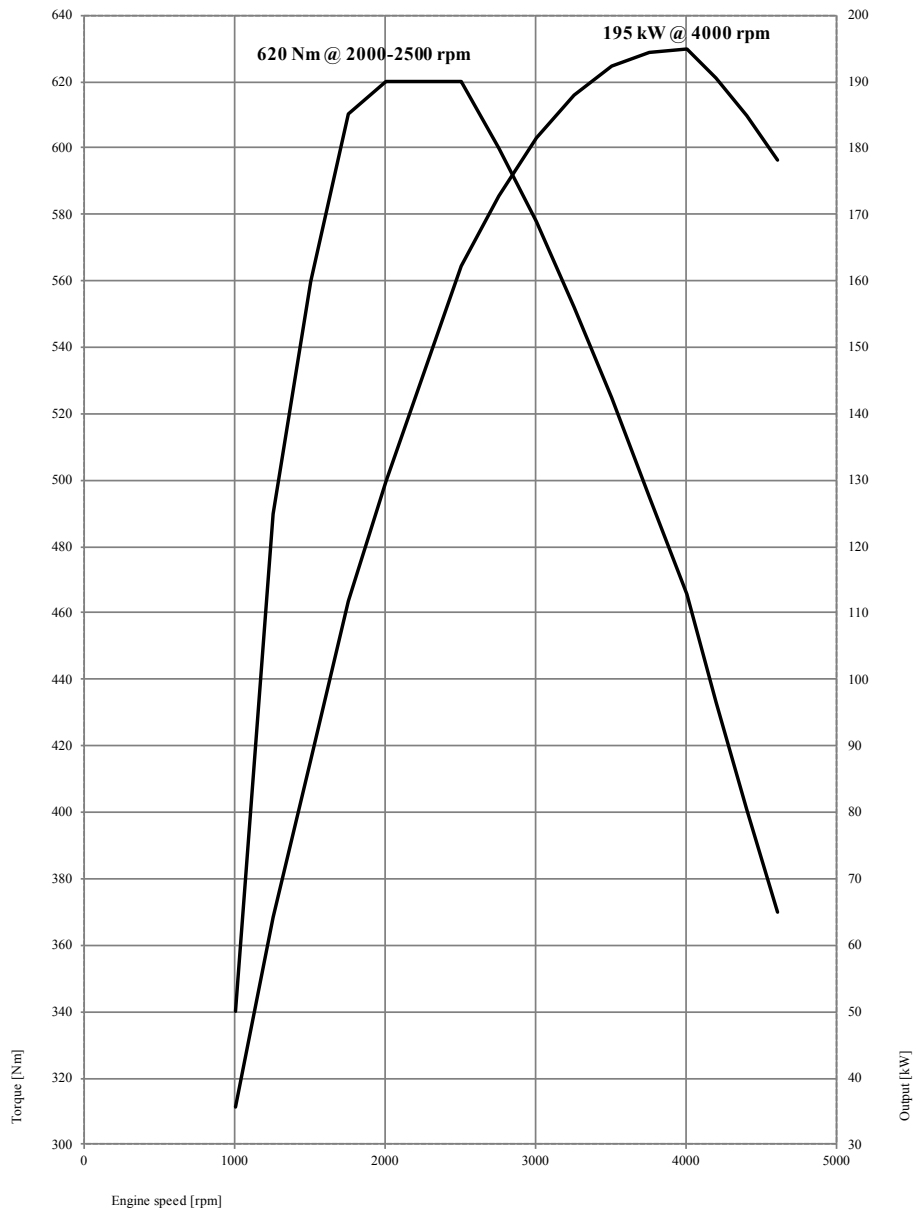
# Output and torque diagrams. The new BMW X5. X5 xDrive40i.



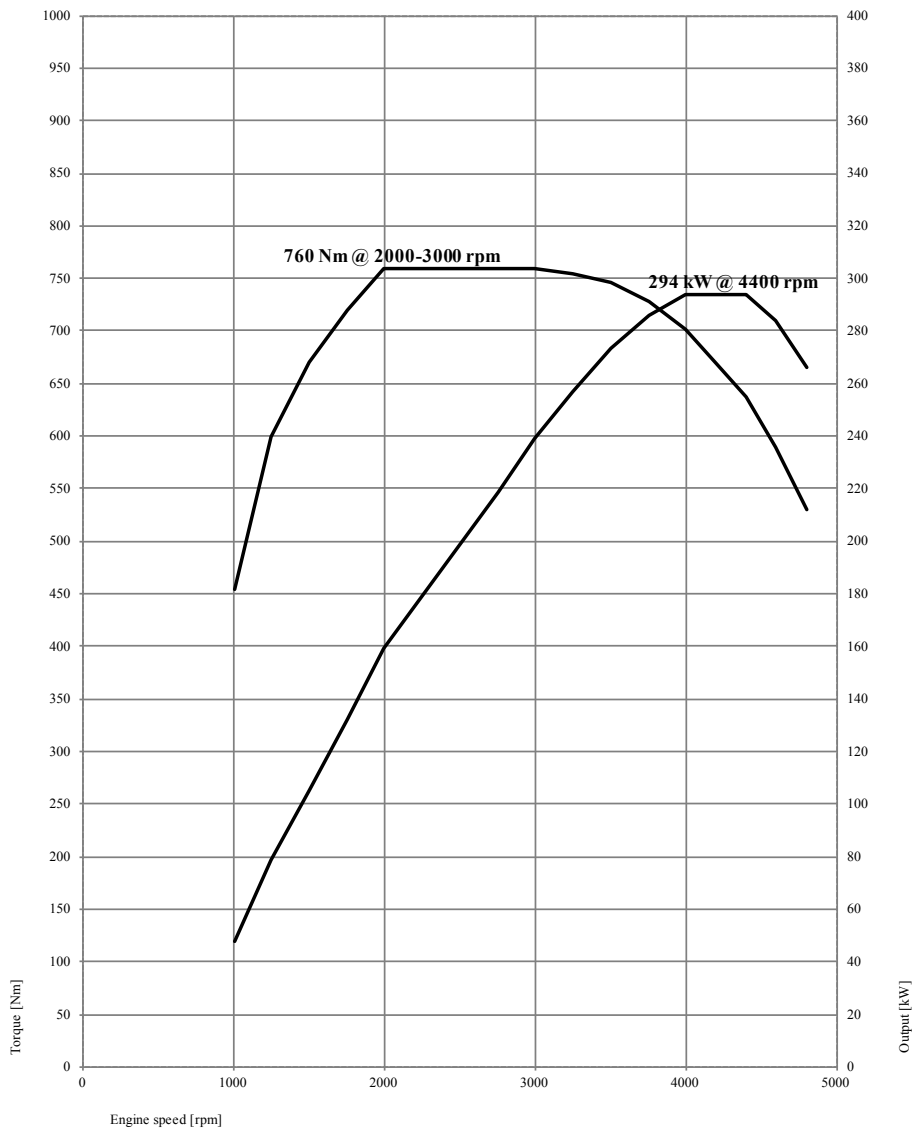
# The new BMW X5. X5 xDrive50i.



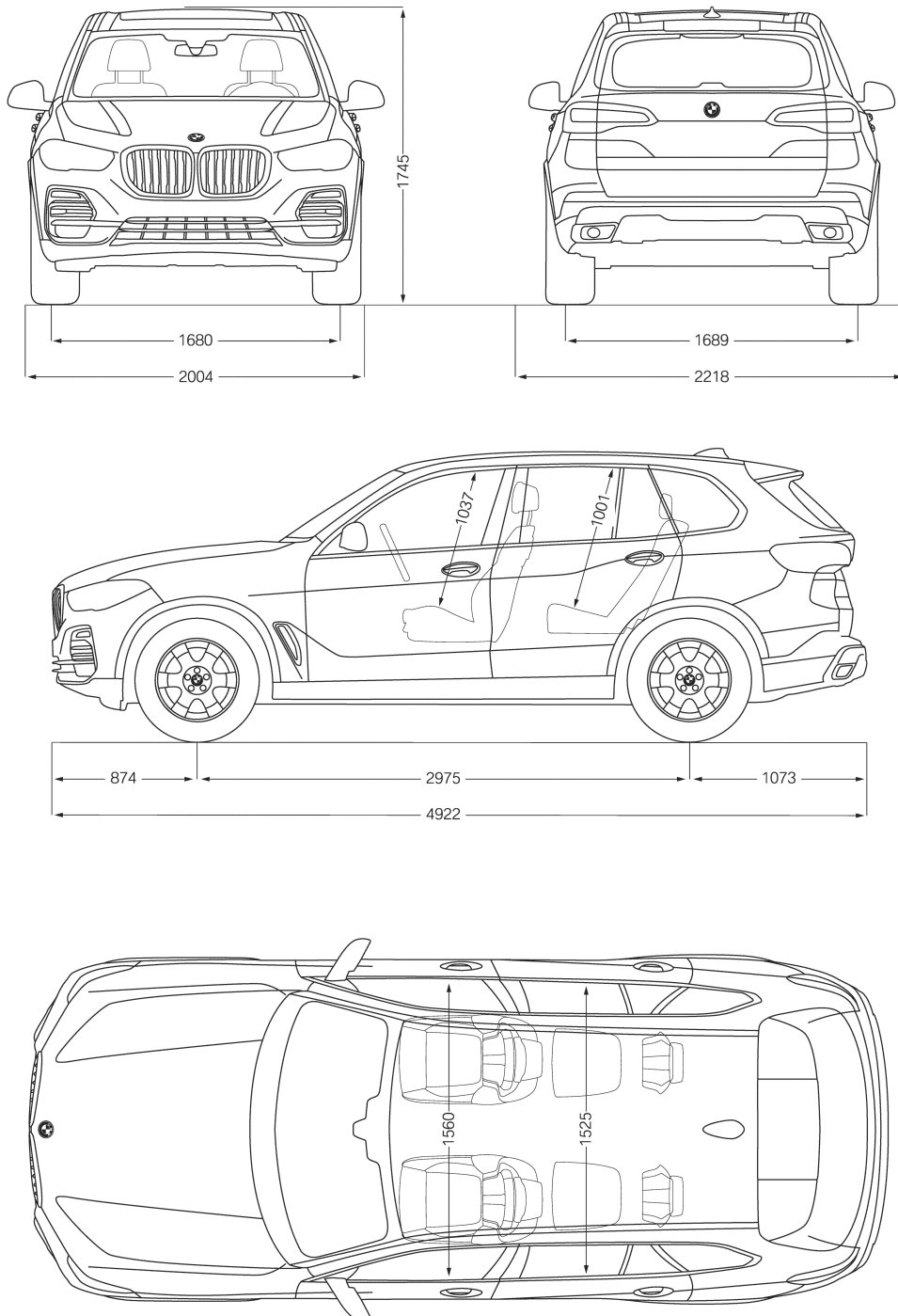
# The new BMW X5. X5 xDrive30d.



# The new BMW X5. X5 M50d.



# Exterior and interior dimensions. The new BMW X5.



\*dimensions in cm