

# Specifications.

## BMW 4 Series Coupe.

### 420i, 430i.



|  |           | BMW 420i Coupe   | BMW 430i Coupe               |
|--|-----------|--|------------------------------|
| <b>Body</b>                                  |           |  |                              |
| No of doors / seats                          |           | 2 / 4  | 2 / 4                        |
| Length / width / height (unladen)            | mm        | 4640 / 1825 / 1377   | 4640 / 1825 / 1377           |
| Wheelbase                                    | mm        | 2810   | 2810                         |
| Track, front / rear                          | mm        | 1547 / 1593  | 1547 / 1593                  |
| Ground clearance                             | mm        | 130  | 130                          |
| Turning circle                               | m         | 11.3   | 11.3                         |
| Fuel tank capacity                           | approx. l | 60   | 60                           |
| Engine oil <sup>1)</sup>                     | l         | 5.25   | 5.25                         |
| Weight, unladen, to DINEU                    | kg        | 1475 / 1550<br>(1495 / 1570)   | 1490 / 1565<br>(1510 / 1585) |
| Max load to DIN                              | kg        | 520  | 520                          |
| Max permissible weight                       | kg        | 1995 (2015)  | 2010 (2030)                  |
| Max axle load, front / rear                  | kg        | 940 / 1115   | 940 / 1130                   |
| Max trailer load,<br>braked (12%) / unbraked | kg        | 1400 (1500) / 695  | 1600 / 745                   |
| Max roofload / max towbar<br>download        | kg        | 75 / 75  | 75 / 75                      |
| Luggage comp capacity                        | l         | 445  | 445                          |
| Air resistance                               | cd x A    | 0.29 x 2.16  | 0.29 x 2.16                  |
| <b>Power Unit</b>                            |           |  |                              |
| Config/No of cyls/valves                     |           | In-line/4/4  | In-line/4/4                  |
| Engine technology                            |           | BMW TwinPower Turbo technology with TwinScroll turbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve control und Double-VANOS variable camshaft timing   |                              |
| Effective capacity                           | cc        | 1998   | 1998                         |
| Stroke / bore                                | mm        | 94.6 / 82.0  | 94.6 / 82.0                  |
| Compression ratio                            | :1        | 11.0   | 10.2                         |
| Fuel   |           | RON 90 – 98  | RON 90 – 98                  |
| Recommended fuel                             |           | RON 95   | RON 95                       |
| Max output                                   | kW/hp     | 135 / 184  | 185 / 252                    |
| at   | rpm       | 5000   | 5200                         |
| Max torque                                   | Nm/lb-ft  | 290/214 (270/199)  | 350/258                      |
| at   | rpm       | 1350 – 4600  | 1450 – 4800                  |
| <b>Electrical System</b>                     |           |  |                              |
| Battery/installation                         | Ah/–      | 80 / Luggage compartment   | 80 / Luggage compartment     |
| <b>Driving Dynamics and Safety</b>           |           |  |                              |
| Suspension, front                            |           | Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, traverse force compensation, anti-dive  |                              |
| Suspension, rear                             |           | Five-link axle in lightweight construction   |                              |
| Brakes, front                                |           | Single-piston floating-calliper disc brakes / vented   |                              |
| Brakes, rear                                 |           | Single-piston floating-calliper disc brakes / vented   |                              |
| Driving stability systems                    |           | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant  |                              |
| Safety equipment                             |           | Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for 1st and 2nd seat row, three-point inertia-reel belts on all seats, integrated at the front with belt tensioners and belt force limiter, crash sensors, tyre pressure indicator |                              |
| Steering                                     |           | Electric Power Steering (EPS)<br>with Servotronic function; optional: Variable Sport Steering  |                              |
| Steering ratio, overall                      | :1        | 15.0   | 15.0                         |
| Tyres, front / rear                          |           | 225/50 R17 94W   | 225/50 R17 94W               |
| Rims, front / rear                           |           | 7.5J x 17 LM   | 7.5J x 17 LM                 |

| BMW 420i Coupe   |          |   | BMW 430i Coupe |               |
|--|----------|---|----------------|---------------|
| Transmission   |          |   |                |               |
| Type of transmission   |          | 6-speed manual (optional: 8-speed Steptronic)   |                |               |
| Gear ratios  | I        | :1  | 4.002 (5.000)  | 3.683 (5.000) |
|  | II       | :1  | 2.130 (3.200)  | 2.062 (3.200) |
|  | III      | :1  | 1.396 (2.143)  | 1.313 (2.143) |
|  | IV       | :1  | 1.000 (1.720)  | 1.000 (1.720) |
|  | V        | :1  | 0.781 (1.314)  | 0.809 (1.314) |
|  | VI       | :1  | 0.668 (1.000)  | 0.677 (1.000) |
|  | VII      | :1  | – (0.822)      | – (0.822)     |
|  | VIII     | :1  | – (0.640)      | – (0.640)     |
|  | R        | :1  | 3.647 (3.456)  | 3.348 (3.456) |
| Final drive  |          | :1  | 3.385 (2.813)  | 3.909 (2.813) |
| Performance  |          |   |                |               |
| Power-to-weight ratio (DIN)  | kg/kW    | 10.9 (11.1)   | 8.1 (8.2)      |               |
| Output per litre   | kW/l     | 67.6  | 92.6           |               |
| Acceleration 0–100 km/h  | s        | 7.3 (7.5)   | 5.9 (5.8)      |               |
| Top speed  | km/h     | 236 (236)   | 250 (250)      |               |
| 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 (automatic transmission), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised-warm-up behaviour, tyres with reduced rolling resistance |                |               |
| Fuel Consumption EU <sup>2)</sup>  |          |   |                |               |
| With standard wheels and tyres   |          |   |                |               |
| urban  | l/100 km | 7.7 (7.1)   | 7.9 (7.0)      |               |
| inter-urban  | l/100 km | 4.7 (4.5)   | 5.1 (4.7)      |               |
| combined   | l/100 km | 5.8 (5.5)   | 6.1 (5.5)      |               |
| CO <sub>2</sub>  | g/km     | 134 (127)   | 143 (129)      |               |
| With 8J x 18 wheels and 225/45 R18 tyres / with winter tyres, with 8J x 18 wheels (front), 8.5J x 18 (rear) and 225/45 R18 tyres (front), 255/40 R18 (rear), with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear) |          |   |                |               |
| urban  | l/100 km | 8.1 (7.6)   | 8.4 (7.4)      |               |
| inter-urban  | l/100 km | 4.9 (4.7)   | 5.4 (4.9)      |               |
| combined   | l/100 km | 6.1 (5.8)   | 6.5 (5.8)      |               |
| CO <sub>2</sub>  | g/km     | 141 (134)   | 151 (136)      |               |
| Emission rating  |          | EU6   | EU6            |               |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)  
Figures in brackets apply to models with automatic transmission

<sup>1)</sup> Oil change

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

# BMW 4 Series Coupe. 420i xDrive, 430i xDrive.

| BMW 420i xDrive Coupe                        |  | BMW 430i xDrive Coupe    |
|--|--|--------------------------|
| <b>Body</b>                                  |  |                          |
| No of doors / seats                          | 2 / 4  | 2 / 4                    |
| Length / width / height (unladen)            | mm 4640 / 1825 / 1392  | 4640 / 1825 / 1392       |
| Wheelbase                                    | mm 2810  | 2810                     |
| Track, front / rear                          | mm 1543 / 1589   | 1543 / 1589              |
| Ground clearance                             | mm 145   | 145                      |
| Turning circle                               | m 11.8   | 11.8                     |
| Fuel tank capacity                           | approx. l 60   | 60                       |
| Engine oil <sup>1)</sup>                     | l 5.25   | 5.25                     |
| Weight, unladen, to DINEU                    | kg 1560 / 1635<br>(1570 / 1645)  | 1575 / 1650              |
| Max load to DIN                              | kg 520   | 520                      |
| Max permissible weight                       | kg 2080 (2090)   | 2095                     |
| Max axle load, front / rear                  | kg 995 / 1135  | 995 / 1140               |
| Max trailer load,<br>braked (12%) / unbraked | kg 1700 / 750  | 1700 / 750               |
| Max roofload / max towbar<br>download        | kg 75 / 75   | 75 / 75                  |
| Luggage comp capacity                        | l 445  | 445                      |
| Air resistance                               | cd x A 0.30 x 2.16   | 0.30 x 2.16              |
| <b>Power Unit</b>                            |  |                          |
| Config/No of cyls/valves                     | In-line/4/4  | In-line/4/4              |
| Engine technology                            | BMW TwinPower Turbo technology with TwinScroll turbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve control and Double-VANOS variable camshaft timing   |                          |
| Effective capacity                           | cc 1998  | 1998                     |
| Stroke / bore                                | mm 94.6 / 82.0   | 94.6 / 82.0              |
| Compression ratio                            | :1 11.0  | 10.2                     |
| Fuel   | RON 90 – 98  | RON 90 – 98              |
| Recommended fuel                             | RON 95   | RON 95                   |
| Max output                                   | kW/hp 135 / 184  | 185 / 252                |
| at   | rpm 5000   | 5200                     |
| Max torque                                   | Nm/lb-ft 270/199   | 350/258                  |
| at   | rpm 1350 – 4600  | 1450 – 4800              |
| <b>Electrical System</b>                     |  |                          |
| Battery/installation                         | Ah/– 80 / Luggage compartment  | 80 / Luggage compartment |
| <b>Driving Dynamics and Safety</b>           |  |                          |
| Suspension, front                            | Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, traverse force compensation, anti-dive  |                          |
| Suspension, rear                             | Five-link axle in lightweight construction   |                          |
| Brakes, front                                | Single-piston floating-calliper disc brakes / vented   |                          |
| Brakes, rear                                 | Single-piston floating-calliper disc brakes / vented   |                          |
| Driving stability systems                    | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant, cross-linking with xDrive all-wheel-drive system  |                          |
| Safety equipment                             | Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for 1st and 2nd seat row, three-point inertia-reel belts on all seats, integrated at the front with belt tensioners and belt force limiter, crash sensors, tyre pressure indicator |                          |
| Steering                                     | Electric Power Steering (EPS)<br>with Servotronic function; optional: Variable Sport Steering  |                          |
| Steering ratio, overall                      | :1 15.1  | 15.1                     |
| Tyres, front / rear                          | 225/50 R17 94W   | 225/50 R17 94W           |
| Rims, front / rear                           | 7.5J x 17 LM   | 7.5J x 17 LM             |

| BMW 420i xDrive Coupe  |          |   | BMW 430i xDrive Coupe                            |                    |
|--|----------|---|--|--------------------|
| <b>Transmission</b>  |          |   |  |                    |
| Type of transmission   |          |   | 6-speed manual<br>(optional: 8-speed Steptronic) | 8-speed Steptronic |
| Gear ratios  | I        | :1  | 4.110 (5.000)                                    | 5.000              |
|  | II       | :1  | 2.315 (3.200)                                    | 3.200              |
|  | III      | :1  | 1.542 (2.143)                                    | 2.143              |
|  | IV       | :1  | 1.179 (1.720)                                    | 1.720              |
|  | V        | :1  | 1.000 (1.314)                                    | 1.314              |
|  | VI       | :1  | 0.846 (1.000)                                    | 1.000              |
|  | VII      | :1  | – (0.822)  | 0.822              |
|  | VIII     | :1  | – (0.640)  | 0.640              |
|  | R        | :1  | 3.727 (3.456)                                    | 3.456              |
| Final drive  |          | :1  | 3.385 (2.813)                                    | 2.813              |
| <b>Performance</b>   |          |   |  |                    |
| Power-to-weight ratio (DIN)  | kg/kW    |   | 11.6 (11.6)                                      | 8.5                |
| Output per litre   | kW/l     |   | 67.6   | 92.6               |
| Acceleration 0–100 km/h  | s        |   | 7.6 (7.8)  | 5.8                |
| Top speed  | km/h     |   | 233 (231)  | 250                |
| <b>BMW EfficientDynamics</b>   |          |   |  |                    |
| BMW EfficientDynamics standard features  |          | Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Shift Indicator (manual gearbox), ECO PRO mode with coasting function (automatic transmission), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, rear differential with optimised warm-up behaviour, tyres with reduced rolling resistance |  |                    |
| <b>Fuel Consumption EU <sup>2)</sup></b>   |          |   |  |                    |
| With standard wheels and tyres   |          |   |  |                    |
| urban  | l/100 km |   | 8.7 (7.7)  | 7.5                |
| inter-urban  | l/100 km |   | 5.4 (4.8)  | 5.0                |
| combined   | l/100 km |   | 6.6 (5.9)  | 5.9                |
| CO <sub>2</sub>  | g/km     |   | 154 (137)  | 138                |
| With 8J x 18 wheels and 225/45 R18 tyres / with winter tyres, with 8J x 18 wheels (front), 8.5J x 18 (rear) and 225/45 R18 tyres (front), 255/40 R18 (rear), with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear) |          |   |  |                    |
| urban  | l/100 km |   | 9.0 (8.1)  | 7.8                |
| inter-urban  | l/100 km |   | 5.7 (5.1)  | 5.2                |
| combined   | l/100 km |   | 6.9 (6.2)  | 6.2                |
| CO <sub>2</sub>  | g/km     |   | 161 (144)  | 144                |
| Emission rating  |          |   | EU6  | EU6                |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)  
BMW 420i xDrive Coupe: Figures in brackets apply to models with automatic transmission

<sup>1)</sup> Oil change

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

# BMW 4 Series Coupe. 440i.

| BMW 440i Coupe                               |  |                              |
|--|--|------------------------------|
| <b>Body</b>                                  |  |                              |
| No of doors / seats                          |  | 2 / 4                        |
| Length / width / height (unladen)            | mm   | 4640 / 1825 / 1377           |
| Wheelbase                                    | mm   | 2810                         |
| Track, front / rear                          | mm   | 1547 / 1593                  |
| Ground clearance                             | mm   | 130                          |
| Turning circle                               | m  | 11.3                         |
| Fuel tank capacity                           | approx. l  | 60                           |
| Engine oil <sup>1)</sup>                     | l  | 6.5                          |
| Weight, unladen, to DINEU                    | kg   | 1540 / 1615<br>(1555 / 1630) |
| Max load to DIN                              | kg   | 520                          |
| Max permissible weight                       | kg   | 2060 (2075)                  |
| Max axle load, front / rear                  | kg   | 985 / 1130                   |
| Max trailer load,<br>braked (12%) / unbraked | kg   | 1700 / 750                   |
| Max roofload / max towbar<br>download        | kg   | 75 / 75                      |
| Luggage comp capacity                        | l  | 445                          |
| Air resistance                               | cd x A   | 0.30 x 2.16 (0.29 x 2.16)    |
| <b>Power Unit</b>                            |  |                              |
| Config/No of cyls/valves                     |  | R / 6 / 4                    |
| Engine technology                            | BMW TwinPower Turbo technology with TwinScroll turbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve control und Double-VANOS variable camshaft timing   |                              |
| Effective capacity                           | cc   | 2998                         |
| Stroke / bore                                | mm   | 94.6 / 82.0                  |
| Compression ratio                            | :1   | 11.0                         |
| Fuel   |  | RON 90 – 98                  |
| Recommended fuel                             |  | RON 95                       |
| Max output                                   | kW/hp  | 240 / 326                    |
| at   | rpm  | 5500                         |
| Max torque                                   | Nm/lb-ft   | 450/332                      |
| at   | rpm  | 1380 – 5000                  |
| <b>Electrical System</b>                     |  |                              |
| Battery/installation                         | Ah/–   | 90 / Luggage compartment     |
| <b>Driving Dynamics and Safety</b>           |  |                              |
| Suspension, front                            | Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, traverse force compensation, anti-dive  |                              |
| Suspension, rear                             | Five-link axle in lightweight construction   |                              |
| Brakes, front                                | Single-piston floating-calliper disc brakes / vented   |                              |
| Brakes, rear                                 | Single-piston floating-calliper disc brakes / vented   |                              |
| Driving stability systems                    | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant  |                              |
| Safety equipment                             | Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for 1st and 2nd seat row, three-point inertia-reel belts on all seats, integrated at the front with belt tensioners and belt force limiter, crash sensors, tyre pressure indicator |                              |
| Steering                                     | Electric Power Steering (EPS)<br>with Servotronic function; optional: Variable Sport Steering  |                              |
| Steering ratio, overall                      | :1   | 15.0                         |
| Tyres, front / rear                          |  | 225/50 R17 94W               |
| Rims, front / rear                           |  | 7.5J x 17 LM                 |

| BMW 440i Coupe   |          |   |               |
|--|----------|---|---------------|
| Transmission   |          |   |               |
| Type of transmission   |          | 6-speed manual (optional: 8-speed Steptronic)   |               |
| Gear ratios  | I        | :1  | 4.110 (5.000) |
|  | II       | :1  | 2.315 (3.200) |
|  | III      | :1  | 1.542 (2.143) |
|  | IV       | :1  | 1.179 (1.720) |
|  | V        | :1  | 1.000 (1.314) |
|  | VI       | :1  | 0.846 (1.000) |
|  | VII      | :1  | – (0.822)     |
|  | VIII     | :1  | – (0.640)     |
|  | R        | :1  | 3.727 (3.456) |
| Final drive  |          | :1  | 3.231 (2.813) |
| Performance  |          |   |               |
| Power-to-weight ratio (DIN)  | kg/kW    |   | 6.4 (6.5)     |
| Output per litre   | kW/l     |   | 80.1          |
| Acceleration 0–100 km/h  | s        |   | 5.2 (5.0)     |
| Top speed  | km/h     |   | 250 (250)     |
| 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 (automatic transmission), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised-warm-up behaviour, tyres with reduced rolling resistance |               |
| Fuel Consumption EU <sup>2)</sup>  |          |   |               |
| With standard wheels and tyres   |          |   |               |
| urban  | l/100 km |   | 10.0 (8.8)    |
| inter-urban  | l/100 km |   | 5.9 (5.3)     |
| combined   | l/100 km |   | 7.4 (6.6)     |
| CO <sub>2</sub>  | g/km     |   | 172 (154)     |
| With 8J x 18 wheels and 225/45 R18 tyres / with winter tyres, with 8J x 18 wheels (front), 8.5J x 18 (rear) and 225/45 R18 tyres (front), 255/40 R18 (rear), with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear) |          |   |               |
| urban  | l/100 km |   | 10.4 (9.1)    |
| inter-urban  | l/100 km |   | 6.1 (5.5)     |
| combined   | l/100 km |   | 7.7 (6.8)     |
| CO <sub>2</sub>  | g/km     |   | 179 (159)     |
| Emission rating  |          |   | EU6           |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)  
Figures in brackets apply to models with automatic transmission

<sup>1)</sup> Oil change

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

# BMW 4 Series Coupe. 440i xDrive.

| BMW 440i xDrive Coupe                        |  |                              |
|--|--|------------------------------|
| <b>Body</b>                                  |  |                              |
| No of doors / seats                          |  | 2 / 4                        |
| Length / width / height (unladen)            | mm   | 4640 / 1825 / 1392           |
| Wheelbase                                    | mm   | 2810                         |
| Track, front / rear                          | mm   | 1543 / 1589                  |
| Ground clearance                             | mm   | 145                          |
| Turning circle                               | m  | 11.8                         |
| Fuel tank capacity                           | approx. l  | 60                           |
| Engine oil <sup>1)</sup>                     | l  | 6.5                          |
| Weight, unladen, to DINEU                    | kg   | 1610 / 1685<br>(1625 / 1700) |
| Max load to DIN                              | kg   | 520                          |
| Max permissible weight                       | kg   | 2130 (2145)                  |
| Max axle load, front / rear                  | kg   | 1040 / 1145                  |
| Max trailer load,<br>braked (12%) / unbraked | kg   | 1800 / 750                   |
| Max roofload / max towbar<br>download        | kg   | 75 / 75                      |
| Luggage comp capacity                        | l  | 445                          |
| Air resistance                               | cd x A   | 0.31 x 2.16                  |
| <b>Power Unit</b>                            |  |                              |
| Config/No of cyls/valves                     |  | R / 6 / 4                    |
| Engine technology                            | BMW TwinPower Turbo technology with TwinScroll turbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve control und Double-VANOS variable camshaft timing   |                              |
| Effective capacity                           | cc   | 2998                         |
| Stroke / bore                                | mm   | 94.6 / 82.0                  |
| Compression ratio                            | :1   | 11.0                         |
| Fuel   |  | RON 90 – 98                  |
| Recommended fuel                             |  | RON 95                       |
| Max output                                   | kW/hp  | 240 / 326                    |
| at   | rpm  | 5500                         |
| Max torque                                   | Nm/lb-ft   | 450/332                      |
| at   | rpm  | 1380 – 5000                  |
| <b>Electrical System</b>                     |  |                              |
| Battery/installation                         | Ah/–   | 90 / Luggage compartment     |
| <b>Driving Dynamics and Safety</b>           |  |                              |
| Suspension, front                            | Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, traverse force compensation, anti-dive  |                              |
| Suspension, rear                             | Five-link axle in lightweight construction   |                              |
| Brakes, front                                | Single-piston floating-calliper disc brakes / vented   |                              |
| Brakes, rear                                 | Single-piston floating-calliper disc brakes / vented   |                              |
| Driving stability systems                    | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant, cross-linking with xDrive all-wheel-drive system  |                              |
| Safety equipment                             | Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for 1st and 2nd seat row, three-point inertia-reel belts on all seats, integrated at the front with belt tensioners and belt force limiter, crash sensors, tyre pressure indicator |                              |
| Steering                                     | Electric Power Steering (EPS) with Servotronic function; optional: Variable Sport Steering   |                              |
| Steering ratio, overall                      | :1   | 15.1                         |
| Tyres, front / rear                          |  | 225/50 R17 94W               |
| Rims, front / rear                           |  | 7.5J x 17 LM                 |

| BMW 440i xDrive Coupe  |          |  |               |
|--|----------|--|---------------|
| Transmission   |          |  |               |
| Type of transmission   |          | 6-speed manual (optional: 8-speed Steptronic)  |               |
| Gear ratios  | I        | :1   | 4.110 (5.000) |
|  | II       | :1   | 2.315 (3.200) |
|  | III      | :1   | 1.542 (2.143) |
|  | IV       | :1   | 1.179 (1.720) |
|  | V        | :1   | 1.000 (1.314) |
|  | VI       | :1   | 0.846 (1.000) |
|  | VII      | :1   | – (0.822)     |
|  | VIII     | :1   | – (0.640)     |
|  | R        | :1   | 3.727 (3.456) |
| Final drive  |          | :1   | 3.231 (2.813) |
| Performance  |          |  |               |
| Power-to-weight ratio (DIN)  | kg/kW    |  | 6.7 (6.8)     |
| Output per litre   | kW/l     |  | 80.1          |
| Acceleration 0–100 km/h  | s        |  | 5.0 (4.9)     |
| Top speed  | km/h     |  | 250 (250)     |
| 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 (automatic transmission), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map regulated oil pump, rear differential with optimised warm-up behaviour, tyres with reduced rolling resistance |               |
| Fuel Consumption EU <sup>2)</sup>  |          |  |               |
| With standard wheels and tyres   |          |  |               |
| urban  | l/100 km |  | 10.4 (9.3)    |
| inter-urban  | l/100 km |  | 6.1 (5.6)     |
| combined   | l/100 km |  | 7.7 (7.0)     |
| CO <sub>2</sub>  | g/km     |  | 179 (162)     |
| With 8J x 18 wheels and 225/45 R18 tyres / with winter tyres, with 8J x 18 wheels (front), 8.5J x 18 (rear) and 225/45 R18 tyres (front), 255/40 R18 (rear), with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear) |          |  |               |
| urban  | l/100 km |  | 10.7 (9.7)    |
| inter-urban  | l/100 km |  | 6.3 (5.9)     |
| combined   | l/100 km |  | 7.9 (7.3)     |
| CO <sub>2</sub>  | g/km     |  | 185 (169)     |
| Emission rating  |          |  | EU6           |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)  
Figures in brackets apply to models with automatic transmission

<sup>1)</sup> Oil change

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



# BMW 4 Series Coupe. 420d.

| BMW 420d Coupe                               |   |                                  |
|--|---|----------------------------------|
| <b>Body</b>                                  |   |                                  |
| No of doors / seats                          |   | 2 / 4                            |
| Length / width / height (unladen)            | mm  | 4640 / 1825 / 1377               |
| Wheelbase                                    | mm  | 2810                             |
| Track, front / rear                          | mm  | 1547 / 1593                      |
| Ground clearance                             | mm  | 130                              |
| Turning circle                               | m   | 11.3                             |
| Fuel tank capacity                           | approx. l   | 57                               |
| Engine oil <sup>1)</sup>                     | l   | 5.0                              |
| Weight, unladen, to DINEU                    | kg  | 1475 / 1550<br>(1500 / 1575)     |
| Max load to DIN                              | kg  | 520                              |
| Max permissible weight                       | kg  | 1995 (2020)                      |
| Max axle load, front / rear                  | kg  | 940 / 1120                       |
| Max trailer load,<br>braked (12%) / unbraked | kg  | 1600 / 745                       |
| Max roofload / max towbar<br>download        | kg  | 75 / 75                          |
| Luggage comp capacity                        | l   | 445                              |
| Air resistance                               | cd x A  | 0.28 x 2.16                      |
| <b>Power Unit</b>                            |   |                                  |
| Config/No of cyls/valves                     |   | In-line/4/4                      |
| Engine technology                            | BMW TwinPower Turbo technology: variable-geometry turbocharger,<br>common-rail direct injection with solenoid valve injectors, max. injection<br>pressure: 2000 bar   |                                  |
| Effective capacity                           | cc  | 1995                             |
| Stroke / bore                                | mm  | 90.0 / 84.0                      |
| Compression ratio                            | :1  | 16.5                             |
| Fuel   |   | Diesel                           |
| Max output                                   | kW/hp   | 140 / 190                        |
| at   | rpm   | 4000                             |
| Max torque                                   | Nm/lb-ft  | 400/295                          |
| at   | rpm   | 1750 – 2500                      |
| <b>Electrical System</b>                     |   |                                  |
| Battery/installation                         | Ah/–  | 80 (90) / Luggage<br>compartment |
| <b>Driving Dynamics and Safety</b>           |   |                                  |
| Suspension, front                            | Aluminium double-joint spring strut axle with displaced camber, small positive<br>steering roll radius, traverse force compensation, anti-dive  |                                  |
| Suspension, rear                             | Five-link axle in lightweight construction  |                                  |
| Brakes, front                                | Single-piston floating-calliper disc brakes / vented  |                                  |
| Brakes, rear                                 | Single-piston floating-calliper disc brakes / vented  |                                  |
| Driving stability systems                    | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering<br>Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function,<br>Fading Compensation, Start-Off Assistant   |                                  |
| Safety equipment                             | Standard: airbags for driver and front passenger, side airbags for driver and<br>front passenger, head airbags for 1st and 2nd seat row, three-point inertia-reel<br>belts on all seats, integrated at the front with belt tensioners and belt force<br>limiter, crash sensors, tyre pressure indicator |                                  |
| Steering                                     | Electric Power Steering (EPS)<br>with Servotronic function, optional: Variable Sport Steering   |                                  |
| Steering ratio, overall                      | :1  | 15.0                             |
| Tyres, front / rear                          |   | 225/50 R17 94W                   |
| Rims, front / rear                           |   | 7.5J x 17 LM                     |

| BMW 420d Coupe   |          |   |               |
|--|----------|---|---------------|
| Transmission   |          |   |               |
| Type of transmission   |          | 6-speed manual (8-speed Steptronic)   |               |
| Gear ratios  | I        | :1  | 4.110 (5.000) |
|  | II       | :1  | 2.247 (3.200) |
|  | III      | :1  | 1.403 (2.143) |
|  | IV       | :1  | 1.000 (1.720) |
|  | V        | :1  | 0.802 (1.314) |
|  | VI       | :1  | 0.659 (1.000) |
|  | VII      | :1  | – (0.822)     |
|  | VIII     | :1  | – (0.640)     |
|  | R        | :1  | 3.727 (3.456) |
| Final drive  |          | :1  | 3.154 (2.813) |
| Performance  |          |   |               |
| Power-to-weight ratio (DIN)  | kg/kW    |   | 10.5 (10.7)   |
| Output per litre   | kW/l     |   | 70.2          |
| Acceleration 0–100 km/h  | s        |   | 7.3 (7.1)     |
| Top speed  | km/h     |   | 240 (232)     |
| 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 (automatic transmission), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance |               |
| Fuel Consumption EU <sup>2)</sup>  |          |   |               |
| With standard wheels and tyres   |          |   |               |
| urban  | l/100 km |   | 5.1 (4.7)     |
| inter-urban  | l/100 km |   | 3.7 (3.6)     |
| combined   | l/100 km |   | 4.2 (4.0)     |
| CO <sub>2</sub>  | g/km     |   | 111 (106)     |
| With 8J x 18 wheels and 225/45 R18 tyres / with winter tyres, with 8J x 18 wheels (front), 8.5J x 18 (rear) and 225/45 R18 tyres (front), 255/40 R18 (rear), with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear) |          |   |               |
| urban  | l/100 km |   | 5.5 (5.1)     |
| inter-urban  | l/100 km |   | 3.9 (3.9)     |
| combined   | l/100 km |   | 4.5 (4.3)     |
| CO <sub>2</sub>  | g/km     |   | 119 (114)     |
| Emission rating  |          |   | EU6           |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)  
Figures in brackets apply to models with automatic transmission

<sup>1)</sup> Oil change

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

# BMW 4 Series Coupe. 420d xDrive.

| BMW 420d xDrive Coupe                        |   |                                  |
|--|---|----------------------------------|
| <b>Body</b>                                  |   |                                  |
| No of doors / seats                          |   | 2 / 4                            |
| Length / width / height (unladen)            | mm  | 4640 / 1825 / 1392               |
| Wheelbase                                    | mm  | 2810                             |
| Track, front / rear                          | mm  | 1543 / 1589                      |
| Ground clearance                             | mm  | 145                              |
| Turning circle                               | m   | 11.8                             |
| Fuel tank capacity                           | approx. l   | 57                               |
| Engine oil <sup>1)</sup>                     | l   | 5.0                              |
| Weight, unladen, to DINEU                    | kg  | 1540 / 1615<br>(1560 / 1635)     |
| Max load to DIN                              | kg  | 520                              |
| Max permissible weight                       | kg  | 2060 (2080)                      |
| Max axle load, front / rear                  | kg  | 995 / 1125                       |
| Max trailer load,<br>braked (12%) / unbraked | kg  | 1600 / 750                       |
| Max roofload / max towbar<br>download        | kg  | 75 / 75                          |
| Luggage comp capacity                        | l   | 445                              |
| Air resistance                               | cd x A  | 0.29 x 2.16                      |
| <b>Power Unit</b>                            |   |                                  |
| Config/No of cyls/valves                     |   | In-line/4/4                      |
| Engine technology                            | BMW TwinPower Turbo technology: variable-geometry turbocharger,<br>common-rail direct injection with solenoid valve injectors, max. injection<br>pressure: 2000 bar   |                                  |
| Effective capacity                           | cc  | 1995                             |
| Stroke / bore                                | mm  | 90.0 / 84.0                      |
| Compression ratio                            | :1  | 16.5                             |
| Fuel   |   | Diesel                           |
| Max output                                   | kW/hp   | 140 / 190                        |
| at   | rpm   | 4000                             |
| Max torque                                   | Nm/lb-ft  | 400/295                          |
| at   | rpm   | 1750 – 2500                      |
| <b>Electrical System</b>                     |   |                                  |
| Battery/installation                         | Ah/–  | 80 (90) / Luggage<br>compartment |
| <b>Driving Dynamics and Safety</b>           |   |                                  |
| Suspension, front                            | Aluminium double-joint spring strut axle with displaced camber, small positive<br>steering roll radius, traverse force compensation, anti-dive  |                                  |
| Suspension, rear                             | Five-link axle in lightweight construction  |                                  |
| Brakes, front                                | Single-piston floating-calliper disc brakes / vented  |                                  |
| Brakes, rear                                 | Single-piston floating-calliper disc brakes / vented  |                                  |
| Driving stability systems                    | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering<br>Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function,<br>Fading Compensation, Start-Off Assistant, cross-linking with xDrive all-wheel-<br>drive system in the Integrated Chassis Management (ICM)      |                                  |
| Safety equipment                             | Standard: airbags for driver and front passenger, side airbags for driver and<br>front passenger, head airbags for 1st and 2nd seat row, three-point inertia-reel<br>belts on all seats, integrated at the front with belt tensioners and belt force<br>limiter, crash sensors, tyre pressure indicator |                                  |
| Steering                                     | Electric Power Steering (EPS)<br>with Servotronic function, optional: Variable Sport Steering   |                                  |
| Steering ratio, overall                      | :1  | 15.1                             |
| Tyres, front / rear                          |   | 225/50 R17 94W                   |
| Rims, front / rear                           |   | 7.5J x 17 LM                     |

| BMW 420d xDrive Coupe  |          |  |               |
|--|----------|--|---------------|
|  |          |  |               |
| Transmission   |          |  |               |
| Type of transmission   |          | 6-speed manual (8-speed Steptronic)  |               |
| Gear ratios  | I        | :1   | 4.110 (5.000) |
|  | II       | :1   | 2.315 (3.200) |
|  | III      | :1   | 1.542 (2.143) |
|  | IV       | :1   | 1.179 (1.720) |
|  | V        | :1   | 1.000 (1.314) |
|  | VI       | :1   | 0.846 (1.000) |
|  | VII      | :1   | – (0.822)     |
|  | VIII     | :1   | – (0.640)     |
|  | R        | :1   | 3.727 (3.456) |
| Final drive  |          | :1   | 3.154 (2.813) |
|  |          |  |               |
| Performance  |          |  |               |
| Power-to-weight ratio (DIN)  | kg/kW    |  | 11.0 (11.1)   |
| Output per litre   | kW/l     |  | 70.2          |
| Acceleration 0–100 km/h  | s        |  | 7.4 (7.2)     |
| Top speed  | km/h     |  | 236 (230)     |
|  |          |  |               |
| 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 (automatic transmission), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, rear differential with optimised warm-up behaviour, tyres with reduced rolling resistance |               |
|  |          |  |               |
| Fuel Consumption EU <sup>2)</sup>  |          |  |               |
| With standard wheels and tyres   |          |  |               |
| urban  | l/100 km |  | 5.3 (5.2)     |
| inter-urban  | l/100 km |  | 3.9 (4.0)     |
| combined   | l/100 km |  | 4.4 (4.4)     |
| CO <sub>2</sub>  | g/km     |  | 117 (117)     |
| With 8J x 18 wheels and 225/45 R18 tyres / with winter tyres, with 8J x 18 wheels (front), 8.5J x 18 (rear) and 225/45 R18 tyres (front), 255/40 R18 (rear), with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear) |          |  |               |
| urban  | l/100 km |  | 5.8 (5.6)     |
| inter-urban  | l/100 km |  | 4.1 (4.2)     |
| combined   | l/100 km |  | 4.7 (4.7)     |
| CO <sub>2</sub>  | g/km     |  | 125 (125)     |
| Emission rating  |          |  | EU6           |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)  
Figures in brackets apply to models with automatic transmission

<sup>1)</sup> Oil change

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

# BMW 4 Series Coupe. 430d.

| BMW 430d Coupe                            |  |                    |
|---|--|--------------------|
| <b>Body</b>                               |  |                    |
| No of doors / seats                       |  | 2 / 4              |
| Length / width / height (unladen)         | mm   | 4640 / 1825 / 1392 |
| Wheelbase                                 | mm   | 2810               |
| Track, front / rear                       | mm   | 1547 / 1593        |
| Ground clearance                          | mm   | 130                |
| Turning circle                            | m  | 11.3               |
| Fuel tank capacity                        | approx. l  | 57                 |
| Engine oil <sup>1)</sup>                  | l  | 6.5                |
| Weight, unladen, to DIN/EU                | kg   | 1540 / 1615        |
| Max load to DIN                           | kg   | 520                |
| Max permissible weight                    | kg   | 2060               |
| Max axle load, front / rear               | kg   | 985 / 1120         |
| Max trailer load, braked (12%) / unbraked | kg   | 1800 / 750         |
| Max roofload / max towbar                 | kg   | 75 / 75            |
| Luggage comp capacity                     | l  | 445                |
| Air resistance                            | cd x A   | 0.29 x 2.16        |
| <b>Power Unit</b>                         |  |                    |
| Config/No of cyls/valves                  |  | R / 6 / 4          |
| Engine technology                         | BMW TwinPower Turbo technology: variable-geometry turbocharger, common-rail direct injection with solenoid valve injectors, max. injection pressure: 1800 bar  |                    |
| Effective capacity                        | cc   | 2993               |
| Stroke / bore                             | mm   | 90.0 / 84.0        |
| Compression ratio                         | :1   | 16.5               |
| Fuel                                      |  | Diesel             |
| Max output                                | kW/hp  | 190 / 258          |
| at  | rpm  | 4000               |
| Max torque                                | Nm/lb-ft   | 560/413            |
| at  | rpm  | 1500 – 3000        |
| <b>Electrical System</b>                  |  |                    |
| Battery/installation                      | Ah/–   | 90 / Luggage       |
| <b>Driving Dynamics and Safety</b>        |  |                    |
| Suspension, front                         | Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, traverse force compensation, anti-dive  |                    |
| Suspension, rear                          | Five-link axle in lightweight construction   |                    |
| Brakes, front                             | Single-piston floating-calliper disc brakes / vented   |                    |
| Brakes, rear                              | Single-piston floating-calliper disc brakes / vented   |                    |
| Driving stability systems                 | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant  |                    |
| Safety equipment                          | Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for 1st and 2nd seat row, three-point inertia-reel belts on all seats, integrated at the front with belt tensioners and belt force limiter, crash sensors, tyre defect indicator |                    |
| Steering                                  | Electric Power Steering (EPS) with Servotronic function; optional: Variable Sport Steering   |                    |
| Steering ratio, overall                   | :1   | 15.0               |
| Tyres, front / rear                       |  | 225/50 R17 94W     |
| Rims, front / rear                        |  | 7.5J x 17 LM       |

| BMW 430d Coupe   |            |   |       |
|--|------------|---|-------|
| Transmission   |            |   |       |
| Type of transmission   |            | 8-speed Steptronic  |       |
| Gear ratios  | I          | :1  | 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  | 2.563 |
| Performance  |            |   |       |
| Power-to-weight ratio (DIN)  | kg/kW      |   | 8.1   |
| Output per litre   | kW/l       |   | 63.5  |
| Acceleration   | 0–100 km/h | s   | 5.5   |
| Top speed  |            | km/h  | 250   |
| BMW EfficientDynamics  |            |   |       |
| BMW EfficientDynamics standard features  |            | Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, ECO PRO mode with coasting function, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, differential with optimised warm-up behaviour, tyres with reduced rolling resistance |       |
| Fuel Consumption EU <sup>2)</sup>  |            |   |       |
| With standard wheels and tyres   |            |   |       |
| urban  | l/100 km   |   | 5.7   |
| inter-urban  | l/100 km   |   | 4.5   |
| combined   | l/100 km   |   | 4.9   |
| CO <sub>2</sub>  | g/km       |   | 129   |
| With 8J x 18 wheels and 225/45 R18 tyres / with winter tyres, with 8J x 18 wheels (front), 8.5J x 18 (rear) and 225/45 R18 tyres (front), 255/40 R18 (rear), with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear) |            |   |       |
| urban  | l/100 km   |   | 5.9   |
| inter-urban  | l/100 km   |   | 4.6   |
| combined   | l/100 km   |   | 5.1   |
| CO <sub>2</sub>  | g/km       |   | 134   |
| Emission rating  |            |   | EU6   |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

<sup>1)</sup> Oil change

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

# BMW 4 Series Coupe. 430d xDrive.

| BMW 430d xDrive Coupe                        |  |                    |
|--|--|--------------------|
| <b>Body</b>                                  |  |                    |
| No of doors / seats                          |  | 2 / 4              |
| Length / width / height (unladen)            | mm   | 4640 / 1825 / 1392 |
| Wheelbase                                    | mm   | 2810               |
| Track, front / rear                          | mm   | 1543 / 1589        |
| Ground clearance                             | mm   | 145                |
| Turning circle                               | m  | 11.8               |
| Fuel tank capacity                           | approx. l  | 57                 |
| Engine oil <sup>1)</sup>                     | l  | 6.5                |
| Weight, unladen, to DIN/EU                   | kg   | 1615 / 1690        |
| Max load to DIN                              | kg   | 520                |
| Max permissible weight                       | kg   | 2135               |
| Max axle load, front / rear                  | kg   | 1040 / 1135        |
| Max trailer load,<br>braked (12%) / unbraked | kg   | 1800 / 750         |
| Max roofload / max towbar                    | kg   | 75 / 75            |
| Luggage comp capacity                        | l  | 445                |
| Air resistance                               | cd x A   | 0.29 x 2.16        |
| <b>Power Unit</b>                            |  |                    |
| Config/No of cyls/valves                     |  | R / 6 / 4          |
| Engine technology                            | BMW TwinPower Turbo technology: variable-geometry turbocharger, common-rail direct injection with solenoid valve injectors (max. injection pressure: 1800 bar)   |                    |
| Effective capacity                           | cc   | 2993               |
| Stroke / bore                                | mm   | 90.0 / 84.0        |
| Compression ratio                            | :1   | 16.5               |
| Fuel   |  | Diesel             |
| Max output                                   | kW/hp  | 190 / 258          |
| at   | rpm  | 4000               |
| Max torque                                   | Nm/lb-ft   | 560/413            |
| at   | rpm  | 1500 – 3000        |
| <b>Electrical System</b>                     |  |                    |
| Battery/installation                         | Ah/–   | 90 / Luggage       |
| <b>Driving Dynamics and Safety</b>           |  |                    |
| Suspension, front                            | Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, traverse force compensation, anti-dive  |                    |
| Suspension, rear                             | Five-link axle in lightweight construction   |                    |
| Brakes, front                                | Single-piston floating-calliper disc brakes / vented   |                    |
| Brakes, rear                                 | Single-piston floating-calliper disc brakes / vented   |                    |
| Driving stability systems                    | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant, cross-linking with xDrive all-wheel-drive system in the Integrated Chassis Management (ICM)     |                    |
| Safety equipment                             | Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for 1st and 2nd seat row, three-point inertia-reel belts on all seats, integrated at the front with belt tensioners and belt force limiter, crash sensors, tyre defect indicator |                    |
| Steering                                     | Electric Power Steering (EPS) with Servotronic function; optional: Variable Sport Steering   |                    |
| Steering ratio, overall                      | :1   | 15.1               |
| Tyres, front / rear                          |  | 225/50 R17 94W     |
| Rims, front / rear                           |  | 7.5J x 17 LM       |

| BMW 430d xDrive Coupe  |  |  |       |
|--|--|--|-------|
| <b>Transmission</b>  |  |  |       |
| Type of transmission   |  | 8-speed automatic transmission with Steptronic |       |
| Gear ratios  | I  | :1   | 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   | 2.563 |
| <b>Performance</b>   |  |  |       |
| Power-to-weight ratio (DIN)  | kg/kW  |  | 8.5   |
| Output per litre   | kW/l   |  | 63.5  |
| Acceleration 0–100 km/h  | s  |  | 5.2   |
| Top speed  | km/h   |  | 250   |
| <b>BMW EfficientDynamics</b>   |  |  |       |
| BMW EfficientDynamics standard features  | Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, ECO PRO mode with coasting function, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, rear differential with optimised warm-up behaviour, tyres with reduced rolling resistance |  |       |
| <b>Fuel Consumption EU <sup>2)</sup></b>   |  |  |       |
| With standard wheels and tyres   |  |  |       |
| urban  | l/100  |  | 6.0   |
| inter-urban  | l/100  |  | 4.8   |
| combined   | l/100  |  | 5.2   |
| CO <sub>2</sub>  | g/km   |  | 137   |
| With 8J x 18 wheels and 225/45 R18 tyres / with winter tyres, with 8J x 18 wheels (front), 8.5J x 18 (rear) and 225/45 R18 tyres (front), 255/40 R18 (rear), with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear) |  |  |       |
| urban  | l/100  |  | 6.2   |
| inter-urban  | l/100  |  | 4.9   |
| combined   | l/100  |  | 5.4   |
| CO <sub>2</sub>  | g/km   |  | 142   |
| Emission rating  |  |  | EU6   |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

<sup>1)</sup> Oil change

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



# BMW 4 Series Coupe. 435d xDrive.

| BMW 435d xDrive Coupe                        |  |                    |
|--|--|--------------------|
| <b>Body</b>                                  |  |                    |
| No of doors / seats                          |  | 2 / 4              |
| Length / width / height (unladen)            | mm   | 4640 / 1825 / 1392 |
| Wheelbase                                    | mm   | 2810               |
| Track, front / rear                          | mm   | 1543 / 1589        |
| Ground clearance                             | mm   | 145                |
| Turning circle                               | m  | 11.8               |
| Fuel tank capacity                           | approx. l  | 57                 |
| Engine oil <sup>1)</sup>                     | l  | 6.5                |
| Weight, unladen, to DIN/EU                   | kg   | 1625 / 1700        |
| Max load to DIN                              | kg   | 520                |
| Max permissible weight                       | kg   | 2145               |
| Max axle load, front / rear                  | kg   | 1050 / 1135        |
| Max trailer load,<br>braked (12%) / unbraked | kg   | 1800 / 750         |
| Max roofload / max towbar                    | kg   | 75 / 75            |
| Luggage comp capacity                        | l  | 445                |
| Air resistance                               | cd x A   | 0.30 x 2.16        |
| <b>Power Unit</b>                            |  |                    |
| Config/No of cyls/valves                     |  | R / 6 / 4          |
| Engine technology                            | BMW TwinPower Turbo technology: multi-stage high-pressure turbocharging with variable turbine geometry, common-rail direct injection with piezo injectors, max. injection pressure: 2000 bar   |                    |
| Effective capacity                           | cc   | 2993               |
| Stroke / bore                                | mm   | 90.0 / 84.0        |
| Compression ratio                            | :1   | 16.5               |
| Fuel   |  | Diesel             |
| Max output                                   | kW/hp  | 230 / 313          |
| at   | rpm  | 4400               |
| Max torque                                   | Nm/lb-ft   | 630/464            |
| at   | rpm  | 1500 – 2500        |
| <b>Electrical System</b>                     |  |                    |
| Battery/installation                         | Ah/–   | 90 / Luggage       |
| <b>Driving Dynamics and Safety</b>           |  |                    |
| Suspension, front                            | Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, traverse force compensation, anti-dive  |                    |
| Suspension, rear                             | Five-link axle in lightweight construction   |                    |
| Brakes, front                                | Single-piston floating-calliper disc brakes / vented   |                    |
| Brakes, rear                                 | Single-piston floating-calliper disc brakes / vented   |                    |
| Driving stability systems                    | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant, cross-linking with xDrive all-wheel-drive system in the Integrated Chassis Management (ICM)     |                    |
| Safety equipment                             | Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for 1st and 2nd seat row, three-point inertia-reel belts on all seats, integrated at the front with belt tensioners and belt force limiter, crash sensors, tyre defect indicator |                    |
| Steering                                     | Electric Power Steering (EPS) with Servotronic function; optional: Variable Sport Steering   |                    |
| Steering ratio, overall                      | :1   | 15.1               |
| Tyres, front / rear                          |  | 225/50 R17 94W     |
| Rims, front / rear                           |  | 7.5J x 17 LM       |

| BMW 435d xDrive Coupe  |            |  |       |
|--|------------|--|-------|
| Transmission   |            |  |       |
| Type of transmission   |            | 8-speed automatic transmission with Steptronic   |       |
| Gear ratios  | I          | :1   | 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   | 2.563 |
| Performance  |            |  |       |
| Power-to-weight ratio (DIN)  | kg/kW      |  | 7.1   |
| Output per litre   | kW/l       |  | 76.8  |
| Acceleration   | 0–100 km/h | s  | 4.7   |
| Top speed  |            | km/h   | 250   |
| BMW EfficientDynamics  |            |  |       |
| BMW EfficientDynamics standard features  |            | Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, ECO PRO mode with coasting function, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, rear differential with optimised warm-up behaviour, tyres with reduced rolling resistance |       |
| Fuel Consumption EU <sup>2)</sup>  |            |  |       |
| With standard wheels and tyres   |            |  |       |
| urban  | l/100 km   |  | 6.4   |
| inter-urban  | l/100 km   |  | 4.9   |
| combined   | l/100 km   |  | 5.4   |
| CO <sub>2</sub>  | g/km       |  | 143   |
| With 8J x 18 wheels and 225/45 R18 tyres / with winter tyres, with 8J x 18 wheels (front), 8.5J x 18 (rear) and 225/45 R18 tyres (front), 255/40 R18 (rear), with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear) |            |  |       |
| urban  | l/100 km   |  | 6.6   |
| inter-urban  | l/100 km   |  | 5.0   |
| combined   | l/100 km   |  | 5.6   |
| CO <sub>2</sub>  | g/km       |  | 147   |
| Emission rating  |            |  | EU6   |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

<sup>1)</sup> Oil change

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

# BMW 4 Series Convertible. 420i, 430i.

|  |           | BMW 420i Convertible   | BMW 430i Convertible         |
|--|-----------|--|------------------------------|
| <b>Body</b>                                  |           |  |                              |
| No of doors / seats                          |           | 2 / 4  | 2 / 4                        |
| Length / width / height (unladen)            | mm        | 4640 / 1825 / 1384   | 4640 / 1825 / 1384           |
| Wheelbase                                    | mm        | 2810   | 2810                         |
| Track, front / rear                          | mm        | 1544 / 1593  | 1544 / 1593                  |
| Ground clearance                             | mm        | 130  | 130                          |
| Turning circle                               | m         | 11.3   | 11.3                         |
| Fuel tank capacity                           | approx. l | 60   | 60                           |
| Engine oil <sup>1)</sup>                     | l         | 5.25   | 5.25                         |
| Weight, unladen, to DINEU                    | kg        | 1700 / 1775<br>(1715 / 1790)   | 1710 / 1785<br>(1735 / 1810) |
| Max load to DIN                              | kg        | 470  | 460                          |
| Max permissible weight                       | kg        | 2170 (2185)  | 2170 (2195)                  |
| Max axle load, front / rear                  | kg        | 960 / 1250   | 965 / 1255                   |
| Max trailer load,<br>braked (12%) / unbraked | kg        | 1400 (1500) / 695  | 1600 / 745                   |
| Max roofload / max towbar<br>download        | kg        | – / 75   | – / 75                       |
| Luggage comp capacity                        | L         | 370  | 370                          |
| Air resistance                               | cd x A    | 0.30 x 2.16  | 0.30 x 2.16                  |
| <b>Power Unit</b>                            |           |  |                              |
| Config/No of cyls/valves                     |           | In-line/4/4  | In-line/4/4                  |
| Engine technology                            |           | BMW TwinPower Turbo technology with TwinScroll turbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve control und Double-VANOS variable camshaft timing   |                              |
| Effective capacity                           | cc        | 1998   | 1998                         |
| Stroke / bore                                | mm        | 94.6 / 82.0  | 94.6 / 82.0                  |
| Compression ratio                            | :1        | 11.0   | 10.2                         |
| Fuel   |           | RON 90 – 98  | RON 90 – 98                  |
| Recommended fuel                             |           | RON 95   | RON 95                       |
| Max output                                   | kW/hp     | 135 / 184  | 185 / 252                    |
| at   | rpm       | 5000   | 5200                         |
| Max torque                                   | Nm/lb-ft  | 290/214 (270/199)  | 350/258                      |
| at   | rpm       | 1350 – 4600  | 1450 – 4800                  |
| <b>Electrical System</b>                     |           |  |                              |
| Battery/installation                         | Ah/–      | 90 / Luggage compartment   | 90 / Luggage compartment     |
| <b>Driving Dynamics and Safety</b>           |           |  |                              |
| Suspension, front                            |           | Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, traverse force compensation, anti-dive  |                              |
| Suspension, rear                             |           | Five-link axle in lightweight construction   |                              |
| Brakes, front                                |           | Single-piston floating-calliper disc brakes / vented   |                              |
| Brakes, rear                                 |           | Single-piston floating-calliper disc brakes / vented   |                              |
| Driving stability systems                    |           | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant  |                              |
| Safety equipment                             |           | Standard: airbags for driver and front passenger, side airbags for driver and front passenger combined with head airbags, three-point inertia-reel seatbelts on all seats, integrated at the front with belt tensioners and belt force limiter, crash sensors, rollover protection system, tyre pressure indicator |                              |
| Steering                                     |           | Electric Power Steering (EPS)<br>with Servotronic function; optional: Variable Sport Steering  |                              |
| Steering ratio, overall                      | :1        | 15.0   | 15.0                         |
| Tyres, front / rear                          |           | 225/50 R17 94W   | 225/50 R17 98W XL            |
| Rims, front / rear                           |           | 7.5J x 17 LM   | 7.5J x 17 LM                 |

| BMW 420i Convertible   |          |   | BMW 430i Convertible |               |
|--|----------|---|----------------------|---------------|
| Transmission   |          |   |                      |               |
| Type of transmission   |          | 6-speed manual (optional: 8-speed Steptronic)   |                      |               |
| Gear ratios  | I        | :1  | 4.002 (5.000)        | 3.683 (5.000) |
|  | II       | :1  | 2.130 (3.200)        | 2.062 (3.200) |
|  | III      | :1  | 1.396 (2.143)        | 1.313 (2.143) |
|  | IV       | :1  | 1.000 (1.720)        | 1.000 (1.720) |
|  | V        | :1  | 0.781 (1.314)        | 0.809 (1.314) |
|  | VI       | :1  | 0.668 (1.000)        | 0.677 (1.000) |
|  | VII      | :1  | – (0.822)            | – (0.822)     |
|  | VIII     | :1  | – (0.640)            | – (0.640)     |
|  | R        | :1  | 3.647 (3.456)        | 3.348 (3.456) |
| Final drive  |          | :1  | 3.462 (2.813)        | 3.909 (2.813) |
| Performance  |          |   |                      |               |
| Power-to-weight ratio (DIN)  | kg/kW    | 12.6 (12.7)   | 9.2 (9.4)            |               |
| Output per litre   | kW/l     | 67.6  | 92.6                 |               |
| Acceleration 0–100 km/h  | s        | 8.2 (8.4)   | 6.4 (6.3)            |               |
| Top speed  | km/h     | 230 (230)   | 250 (250)            |               |
| 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 (automatic transmission), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised-warm-up behaviour, tyres with reduced rolling resistance |                      |               |
| Fuel Consumption EU <sup>2)</sup>  |          |   |                      |               |
| With standard wheels and tyres   |          |   |                      |               |
| urban  | l/100 km | 8.0 (7.6)   | 8.6 (7.5)            |               |
| inter-urban  | l/100 km | 5.1 (4.8)   | 5.5 (5.0)            |               |
| combined   | l/100 km | 6.2 (5.8)   | 6.6 (5.9)            |               |
| CO <sub>2</sub>  | g/km     | 145 (136)   | 154 (138)            |               |
| With 8J x 18 wheels and 225/45 R18 tyres / with winter tyres, with 8J x 18 wheels (front), 8.5J x 18 (rear) and 225/45 R18 tyres (front), 255/40 R18 (rear), with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear) |          |   |                      |               |
| urban  | l/100 km | 8.6 (8.1)   | 9.0 (7.9)            |               |
| inter-urban  | l/100 km | 5.5 (5.1)   | 5.8 (5.3)            |               |
| combined   | l/100 km | 6.6 (6.2)   | 7.0 (6.3)            |               |
| CO <sub>2</sub>  | g/km     | 153 (144)   | 162 (146)            |               |
| Emission rating  |          | EU6   | EU6                  |               |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)  
Figures in brackets apply to models with automatic transmission

<sup>1)</sup> Oil change

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

# BMW 4 Series Convertible. 430i xDrive.

| BMW 430i xDrive<br>Convertible               |  |                          |
|--|--|--------------------------|
| <b>Body</b>                                  |  |                          |
| No of doors / seats                          |  | 2 / 4                    |
| Length / width / height (unladen)            | mm   | 4640 / 1825 / 1399       |
| Wheelbase                                    | mm   | 2810                     |
| Track, front / rear                          | mm   | 1543 / 1593              |
| Ground clearance                             | mm   | 145                      |
| Turning circle                               | m  | 11.8                     |
| Fuel tank capacity                           | approx. l  | 60                       |
| Engine oil <sup>1)</sup>                     | l  | 5.25                     |
| Weight, unladen, to DIN/EU                   | kg   | 1805 / 1880              |
| Max load to DIN                              | kg   | 450                      |
| Max permissible weight                       | kg   | 2255                     |
| Max axle load, front / rear                  | kg   | 1035 / 1255              |
| Max trailer load,<br>braked (12%) / unbraked | kg   | 1700 / 750               |
| Max roofload / max towbar<br>download        | kg   | - / 75                   |
| Luggage comp capacity                        | l  | 370                      |
| Air resistance                               | cd x A   | 0.31 x 2.16              |
| <b>Power Unit</b>                            |  |                          |
| Config/No of cyls/valves                     |  | In-line/4/4              |
| Engine technology                            | BMW TwinPower Turbo technology with TwinScroll turbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve control und Double-VANOS variable camshaft timing   |                          |
| Effective capacity                           | cc   | 1998                     |
| Stroke / bore                                | mm   | 94.6 / 82.0              |
| Compression ratio                            | :1   | 10.2                     |
| Fuel   |  | RON 90 – 98              |
| Recommended fuel                             |  | RON 95                   |
| Max output                                   | kW/hp  | 185 / 252                |
| at   | rpm  | 5200                     |
| Max torque                                   | Nm/lb-ft   | 350/258                  |
| at   | rpm  | 1450 – 4800              |
| <b>Electrical System</b>                     |  |                          |
| Battery/installation                         | Ah/-   | 90 / Luggage compartment |
| <b>Driving Dynamics and Safety</b>           |  |                          |
| Suspension, front                            | Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, traverse force compensation, anti-dive  |                          |
| Suspension, rear                             | Five-link axle in lightweight construction   |                          |
| Brakes, front                                | Single-piston floating-calliper disc brakes / vented   |                          |
| Brakes, rear                                 | Single-piston floating-calliper disc brakes / vented   |                          |
| Driving stability systems                    | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant, cross-linking with xDrive all-wheel-drive system  |                          |
| Safety equipment                             | Standard: airbags for driver and front passenger, side airbags for driver and front passenger combined with head airbags, three-point inertia-reel seatbelts on all seats, integrated at the front with belt tensioners and belt force limiter, crash sensors, rollover protection system, tyre pressure indicator |                          |
| Steering                                     | Electric Power Steering (EPS) with Servotronic function; optional: Variable Sport Steering   |                          |
| Steering ratio, overall                      | :1   | 15.0                     |
| Tyres, front / rear                          |  | 225/50 R17 98W XL        |
| Rims, front / rear                           |  | 7.5J x 17 LM             |

| BMW 430i xDrive<br>Convertible   |            |  |       |
|--|------------|--|-------|
| Transmission   |            |  |       |
| Type of transmission   |            | 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 |
| Final drive  |            | :1   | 2.813 |
| Performance  |            |  |       |
| Power-to-weight ratio (DIN)  | kg/kW      |  | 9.8   |
| Output per litre   | kW/l       |  | 92.6  |
| Acceleration   | 0–100 km/h | s  | 6.4   |
| Top speed  | km/h       |  | 250   |
| BMW EfficientDynamics  |            |  |       |
| BMW EfficientDynamics standard features  |            | Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, ECO PRO mode with coasting function, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, rear differential with optimised warm-up behaviour, tyres with reduced rolling resistance |       |
| Fuel Consumption EU <sup>2)</sup>  |            |  |       |
| With standard wheels and tyres   |            |  |       |
| urban  | l/100 km   |  | 8.1   |
| inter-urban  | l/100 km   |  | 5.4   |
| combined   | l/100 km   |  | 6.4   |
| CO <sub>2</sub>  | g/km       |  | 149   |
| With 8J x 18 wheels and 225/45 R18 tyres / with winter tyres, with 8J x 18 wheels (front), 8.5J x 18 (rear) and 225/45 R18 tyres (front), 255/40 R18 (rear), with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear) |            |  |       |
| urban  | l/100 km   |  | 8.5   |
| inter-urban  | l/100 km   |  | 5.7   |
| combined   | l/100 km   |  | 6.7   |
| CO <sub>2</sub>  | g/km       |  | 156   |
| Emission rating  |            |  | EU6   |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

<sup>1)</sup> Oil change

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

# BMW 4 Series Convertible. 440i.

| BMW 440i Convertible                         |           |  |
|--|-----------|--|
| <b>Body</b>                                  |           |  |
| No of doors / seats                          |           | 2 / 4  |
| Length / width / height (unladen)            | mm        | 4640 / 1825 / 1384   |
| Wheelbase                                    | mm        | 2810   |
| Track, front / rear                          | mm        | 1544 / 1593  |
| Ground clearance                             | mm        | 130  |
| Turning circle                               | m         | 11.3   |
| Fuel tank capacity                           | approx. l | 60   |
| Engine oil <sup>1)</sup>                     | l         | 6.5  |
| Weight, unladen, to DINEU                    | kg        | 1770 / 1845  |
| Max load to DIN                              | kg        | 460  |
| Max permissible weight                       | kg        | 2230   |
| Max axle load, front / rear                  | kg        | 995 / 1255   |
| Max trailer load,<br>braked (12%) / unbraked | kg        | 1700 / 750   |
| Max roofload / max towbar<br>download        | kg        | - / 75   |
| Luggage comp capacity                        | l         | 370  |
| Air resistance                               | cd x A    | 0.30 x 2.16  |
| <b>Power Unit</b>                            |           |  |
| Config/No of cyls/valves                     |           | R / 6 / 4  |
| Engine technology                            |           | BMW TwinPower Turbo technology with TwinScroll turbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve control und Double-VANOS variable camshaft timing   |
| Effective capacity                           | cc        | 2998   |
| Stroke / bore                                | mm        | 94.6 / 82.0  |
| Compression ratio                            | :1        | 11.0   |
| Fuel   |           | RON 90 – 98  |
| Recommended fuel                             |           | RON 95   |
| Max output                                   | kW/hp     | 240 / 326  |
| at   | rpm       | 5500   |
| Max torque                                   | Nm/lb-ft  | 450/332  |
| at   | rpm       | 1380 – 5000  |
| <b>Electrical System</b>                     |           |  |
| Battery/installation                         | Ah/–      | 90 / Luggage compartment   |
| <b>Driving Dynamics and Safety</b>           |           |  |
| Suspension, front                            |           | Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, traverse force compensation, anti-dive  |
| Suspension, rear                             |           | Five-link axle in lightweight construction   |
| Brakes, front                                |           | Single-piston floating-calliper disc brakes / vented   |
| Brakes, rear                                 |           | Single-piston floating-calliper disc brakes / vented   |
| Driving stability systems                    |           | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant  |
| Safety equipment                             |           | Standard: airbags for driver and front passenger, side airbags for driver and front passenger combined with head airbags, three-point inertia-reel seatbelts on all seats, integrated at the front with belt tensioners and belt force limiter, crash sensors, rollover protection system, tyre pressure indicator |
| Steering                                     |           | Electric Power Steering (EPS)<br>with Servotronic function; optional: Variable Sport Steering  |
| Steering ratio, overall                      | :1        | 15.0   |
| Tyres, front / rear                          |           | 225/50 R17 98W XL  |
| Rims, front / rear                           |           | 7.5J x 17 LM   |

| BMW 440i Convertible   |          |   |       |
|--|----------|---|-------|
|  |          |   |       |
| Transmission   |          |   |       |
| Type of transmission   |          | 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 |
| Final drive  |          | :1  | 2.813 |
|  |          |   |       |
| Performance  |          |   |       |
| Power-to-weight ratio (DIN)  | kg/kW    |   | 7.4   |
| Output per litre   | kW/l     |   | 80.1  |
| Acceleration 0–100 km/h  | s        |   | 5.4   |
| Top speed  | km/h     |   | 250   |
|  |          |   |       |
| BMW EfficientDynamics  |          |   |       |
| BMW EfficientDynamics standard features  |          | Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, ECO PRO mode with coasting function, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised-warm-up behaviour, tyres with reduced rolling resistance |       |
|  |          |   |       |
| Fuel Consumption EU <sup>2)</sup>  |          |   |       |
| With standard wheels and tyres   |          |   |       |
| urban  | l/100 km |   | 9.1   |
| inter-urban  | l/100 km |   | 5.5   |
| combined   | l/100 km |   | 6.8   |
| CO <sub>2</sub>  | g/km     |   | 159   |
| With 8J x 18 wheels and 225/45 R18 tyres / with winter tyres, with 8J x 18 wheels (front), 8.5J x 18 (rear) and 225/45 R18 tyres (front), 255/40 R18 (rear), with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear) |          |   |       |
| urban  | l/100 km |   | 9.5   |
| inter-urban  | l/100 km |   | 5.8   |
| combined   | l/100 km |   | 7.2   |
| CO <sub>2</sub>  | g/km     |   | 167   |
| Emission rating  |          |   | EU6   |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

<sup>1)</sup> Oil change

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



# BMW 4 Series Convertible. 440i xDrive.

| BMW 440i xDrive<br>Convertible               |  |                          |
|--|--|--------------------------|
| <b>Body</b>                                  |  |                          |
| No of doors / seats                          |  | 2 / 4                    |
| Length / width / height (unladen)            | mm   | 4640 / 1825 / 1399       |
| Wheelbase                                    | mm   | 2810                     |
| Track, front / rear                          | mm   | 1543 / 1593              |
| Ground clearance                             | mm   | 145                      |
| Turning circle                               | m  | 11.8                     |
| Fuel tank capacity                           | approx. l  | 60                       |
| Engine oil <sup>1)</sup>                     | l  | 6.5                      |
| Weight, unladen, to DIN/EU                   | kg   | 1850 / 1925              |
| Max load to DIN                              | kg   | 450                      |
| Max permissible weight                       | kg   | 2300                     |
| Max axle load, front / rear                  | kg   | 1075 / 1255              |
| Max trailer load,<br>braked (12%) / unbraked | kg   | 1800 / 750               |
| Max roofload / max towbar<br>download        | kg   | - / 75                   |
| Luggage comp capacity                        | l  | 370                      |
| Air resistance                               | cd x A   | 0.31 x 2.16              |
| <b>Power Unit</b>                            |  |                          |
| Config/No of cyls/valves                     |  | R / 6 / 4                |
| Engine technology                            | BMW TwinPower Turbo technology with TwinScroll turbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve control und Double-VANOS variable camshaft timing   |                          |
| Effective capacity                           | cc   | 2998                     |
| Stroke / bore                                | mm   | 94.6 / 82.0              |
| Compression ratio                            | :1   | 11.0                     |
| Fuel   |  | RON 90 – 98              |
| Recommended fuel                             |  | RON 95                   |
| Max output                                   | kW/hp  | 240 / 326                |
| at   | rpm  | 5500                     |
| Max torque                                   | Nm/lb-ft   | 450/332                  |
| at   | rpm  | 1380 – 5000              |
| <b>Electrical System</b>                     |  |                          |
| Battery/installation                         | Ah/–   | 90 / Luggage compartment |
| <b>Driving Dynamics and Safety</b>           |  |                          |
| Suspension, front                            | Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, traverse force compensation, anti-dive  |                          |
| Suspension, rear                             | Five-link axle in lightweight construction   |                          |
| Brakes, front                                | Single-piston floating-calliper disc brakes / vented   |                          |
| Brakes, rear                                 | Single-piston floating-calliper disc brakes / vented   |                          |
| Driving stability systems                    | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant, cross-linking with xDrive all-wheel-drive system  |                          |
| Safety equipment                             | Standard: airbags for driver and front passenger, side airbags for driver and front passenger combined with head airbags, three-point inertia-reel seatbelts on all seats, integrated at the front with belt tensioners and belt force limiter, crash sensors, rollover protection system, tyre pressure indicator |                          |
| Steering                                     | Electric Power Steering (EPS) with Servotronic function; optional: Variable Sport Steering   |                          |
| Steering ratio, overall                      | :1   | 15.1                     |
| Tyres, front / rear                          |  | 225/50 R17 98W XL        |
| Rims, front / rear                           |  | 7.5J x 17 LM             |

| BMW 440i xDrive<br>Convertible   |            |  |       |
|--|------------|--|-------|
| Transmission   |            |  |       |
| Type of transmission   |            | 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 |
| Final drive  |            | :1   | 2.813 |
| Performance  |            |  |       |
| Power-to-weight ratio (DIN)  | kg/kW      |  | 7.7   |
| Output per litre   | kW/l       |  | 80.1  |
| Acceleration   | 0–100 km/h | s  | 5.4   |
| Top speed  | km/h       |  | 250   |
| BMW EfficientDynamics  |            |  |       |
| BMW EfficientDynamics standard features  |            | Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, ECO PRO mode with coasting function, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, rear differential with optimised warm-up behaviour, tyres with reduced rolling resistance |       |
| Fuel Consumption EU <sup>2)</sup>  |            |  |       |
| With standard wheels and tyres   |            |  |       |
| urban  | l/100 km   |  | 9.8   |
| inter-urban  | l/100 km   |  | 5.8   |
| combined   | l/100 km   |  | 7.3   |
| CO <sub>2</sub>  | g/km       |  | 169   |
| With 8J x 18 wheels and 225/45 R18 tyres / with winter tyres, with 8J x 18 wheels (front), 8.5J x 18 (rear) and 225/45 R18 tyres (front), 255/40 R18 (rear), with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear) |            |  |       |
| urban  | l/100 km   |  | 10.3  |
| inter-urban  | l/100 km   |  | 6.1   |
| combined   | l/100 km   |  | 7.6   |
| CO <sub>2</sub>  | g/km       |  | 177   |
| Emission rating  |            |  | EU6   |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

<sup>1)</sup> Oil change

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

# BMW 4 Series Convertible. 420d.

| BMW 420d Convertible                         |   |                              |
|--|---|------------------------------|
| <b>Body</b>                                  |   |                              |
| No of doors / seats                          |   | 2 / 4                        |
| Length / width / height (unladen)            | mm  | 4640 / 1825 / 1384           |
| Wheelbase                                    | mm  | 2810                         |
| Track, front / rear                          | mm  | 1544 / 1593                  |
| Ground clearance                             | mm  | 130                          |
| Turning circle                               | m   | 11.3                         |
| Fuel tank capacity                           | approx. l   | 57                           |
| Engine oil <sup>1)</sup>                     | l   | 5.0                          |
| Weight, unladen, to DIN/EU                   | kg  | 1700 / 1775<br>(1715 / 1790) |
| Max load to DIN                              | kg  | 470                          |
| Max permissible weight                       | kg  | 2170 (2185)                  |
| Max axle load, front / rear                  | kg  | 965 / 1255                   |
| Max trailer load,<br>braked (12%) / unbraked | kg  | 1600 / 745                   |
| Max roofload / max towbar                    | kg  | – / 75                       |
| Luggage comp capacity                        | l   | 370                          |
| Air resistance                               | cd x A  | 0.28 x 2.16                  |
| <b>Power Unit</b>                            |   |                              |
| Config/No of cyls/valves                     |   | In-line/4/4                  |
| Engine technology                            | BMW TwinPower Turbo technology: variable-geometry turbocharger,<br>common-rail direct injection with solenoid valve injectors<br>(max. injection pressure: 2000 bar)  |                              |
| Effective capacity                           | cc  | 1995                         |
| Stroke / bore                                | mm  | 90.0 / 84.0                  |
| Compression ratio                            | :1  | 16.5                         |
| Fuel   |   | Diesel                       |
| Max output                                   | kW/hp   | 140 / 190                    |
| at   | rpm   | 4000                         |
| Max torque                                   | Nm/lb-ft  | 400/295                      |
| at   | rpm   | 1750 – 2500                  |
| <b>Electrical System</b>                     |   |                              |
| Battery/installation                         | Ah/–  | 90 / Luggage                 |
| <b>Driving Dynamics and Safety</b>           |   |                              |
| Suspension, front                            | Aluminium double-joint spring strut axle with displaced camber, small positive<br>steering roll radius, traverse force compensation, anti-dive  |                              |
| Suspension, rear                             | Five-link axle in lightweight construction  |                              |
| Brakes, front                                | Single-piston floating-calliper disc brakes / vented  |                              |
| Brakes, rear                                 | Single-piston floating-calliper disc brakes / vented  |                              |
| Driving stability systems                    | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering<br>Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function,<br>Fading Compensation, Start-Off Assistant   |                              |
| Safety equipment                             | Standard: airbags for driver and front passenger, side airbags for driver and<br>front passenger combined with head airbags, three-point inertia-reel seatbelts<br>on all seats, integrated at the front with belt tensioners and belt force limiter,<br>rollover protection system, crash sensors, tyre pressure indicator |                              |
| Steering                                     | Electric Power Steering (EPS)<br>with Servotronic function; optional: Variable Sport Steering   |                              |
| Steering ratio, overall                      | :1  | 15.0                         |
| Tyres, front / rear                          |   | 225/50 R17 94W               |
| Rims, front / rear                           |   | 7.5J x 17 LM                 |

| BMW 420d Convertible   |          |   |               |
|--|----------|---|---------------|
| Transmission   |          |   |               |
| Type of transmission   |          | 6-speed manual (optional: 8-speed Steptronic)   |               |
| Gear ratios  | I        | :1  | 4.110 (5.000) |
|  | II       | :1  | 2.248 (3.200) |
|  | III      | :1  | 1.403 (2.143) |
|  | IV       | :1  | 1.000 (1.720) |
|  | V        | :1  | 0.802 (1.314) |
|  | VI       | :1  | 0.659 (1.000) |
|  | VII      | :1  | – (0.822)     |
|  | VIII     | :1  | – (0.640)     |
|  | R        | :1  | 3.727 (3.456) |
| Final drive  |          | :1  | 3.385 (2.813) |
| Performance  |          |   |               |
| Power-to-weight ratio (DIN)  | kg/kW    |   | 12.1 (12.3)   |
| Output per litre   | kW/l     |   | 70.2          |
| Acceleration 0–100 km/h  | s        |   | 8.1 (8.0)     |
| Top speed  | km/h     |   | 235 (228)     |
| 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 (automatic transmission), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised-warm-up behaviour, tyres with reduced rolling resistance |               |
| Fuel Consumption EU <sup>2)</sup>  |          |   |               |
| With standard wheels and tyres   |          |   |               |
| urban  | l/100 km |   | 5.7 (5.2)     |
| inter-urban  | l/100 km |   | 4.3 (3.9)     |
| combined   | l/100 km |   | 4.8 (4.4)     |
| CO <sub>2</sub>  | g/km     |   | 127 (116)     |
| With 8J x 18 wheels and 225/45 R18 tyres / with winter tyres, with 8J x 18 wheels (front), 8.5J x 18 (rear) and 225/45 R18 tyres (front), 255/40 R18 (rear), with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear) |          |   |               |
| urban  | l/100 km |   | 6.1 (5.6)     |
| inter-urban  | l/100 km |   | 4.5 (4.2)     |
| combined   | l/100 km |   | 5.1 (4.7)     |
| CO <sub>2</sub>  | g/km     |   | 134 (124)     |
| Emission rating  |          |   | EU6           |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)  
Figures in brackets apply to models with automatic transmission

<sup>1)</sup> Oil change

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

# BMW 4 Series Convertible. 430d.

| BMW 430d Convertible                         |   |                    |
|--|---|--------------------|
| <b>Body</b>                                  |   |                    |
| No of doors / seats                          |   | 2 / 4              |
| Length / width / height (unladen)            | mm  | 4640 / 1825 / 1384 |
| Wheelbase                                    | mm  | 2810               |
| Track, front / rear                          | mm  | 1544 / 1593        |
| Ground clearance                             | mm  | 130                |
| Turning circle                               | m   | 11.3               |
| Fuel tank capacity                           | approx. l   | 57                 |
| Engine oil <sup>1)</sup>                     | l   | 6.5                |
| Weight, unladen, to DIN/EU                   | kg  | 1770 / 1845        |
| Max load to DIN                              | kg  | 450                |
| Max permissible weight                       | kg  | 2220               |
| Max axle load, front / rear                  | kg  | 1025 / 1230        |
| Max trailer load,<br>braked (12%) / unbraked | kg  | 1800 / 750         |
| Max roofload / max towbar                    | kg  | – / 75             |
| Luggage comp capacity                        | l   | 370                |
| Air resistance                               | cd x A  | 0.29 x 2.16        |
| <b>Power Unit</b>                            |   |                    |
| Config/No of cyls/valves                     |   | R / 6 / 4          |
| Engine technology                            | BMW TwinPower Turbo technology: variable-geometry turbocharger,<br>common-rail direct injection<br>with solenoid valve injectors, max. injection pressure: 1800 bar   |                    |
| Effective capacity                           | cc  | 2993               |
| Stroke / bore                                | mm  | 90.0 / 84.0        |
| Compression ratio                            | :1  | 16.5               |
| Fuel   |   | Diesel             |
| Max output                                   | kW/hp   | 190 / 258          |
| at   | rpm   | 4000               |
| Max torque                                   | Nm/lb-ft  | 560/413            |
| at   | rpm   | 1500 – 3000        |
| <b>Electrical System</b>                     |   |                    |
| Battery/installation                         | Ah/–  | 90 / Luggage       |
| <b>Driving Dynamics and Safety</b>           |   |                    |
| Suspension, front                            | Aluminium double-joint spring strut axle with displaced camber, small positive<br>steering roll radius, traverse force compensation, anti-dive  |                    |
| Suspension, rear                             | Five-link axle in lightweight construction  |                    |
| Brakes, front                                | Single-piston floating-calliper disc brakes / vented  |                    |
| Brakes, rear                                 | Single-piston floating-calliper disc brakes / vented  |                    |
| Driving stability systems                    | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering<br>Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function,<br>Fading Compensation, Start-Off Assistant   |                    |
| Safety equipment                             | Standard: airbags for driver and front passenger, side airbags for driver and<br>front passenger combined with head airbags, three-point inertia-reel seatbelts<br>on all seats, integrated at the front with belt tensioners and belt force limiter,<br>rollover protection system, crash sensors, tyre pressure indicator |                    |
| Steering                                     | Electric Power Steering (EPS)<br>with Servotronic function; optional: Variable Sport Steering   |                    |
| Steering ratio, overall                      | :1  | 15.0               |
| Tyres, front / rear                          |   | 225/50 R17 94W     |
| Rims, front / rear                           |   | 7.5J x 17 LM       |

| BMW 430d Convertible   |            |   |       |
|--|------------|---|-------|
|  |            |   |       |
| Transmission   |            |   |       |
| Type of transmission   |            | 8-speed Steptronic  |       |
| Gear ratios  | I          | :1  | 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  | 2.563 |
|  |            |   |       |
| Performance  |            |   |       |
| Power-to-weight ratio (DIN)  | kg/kW      |   | 9.3   |
| Output per litre   | kW/l       |   | 63.5  |
| Acceleration   | 0–100 km/h | s   | 5.9   |
| Top speed  |            | km/h  | 250   |
|  |            |   |       |
| BMW EfficientDynamics  |            |   |       |
| BMW EfficientDynamics standard features  |            | Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, ECO PRO mode with coasting function, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, differential with optimised warm-up behaviour, tyres with reduced rolling resistance |       |
|  |            |   |       |
| Fuel Consumption EU <sup>2)</sup>  |            |   |       |
| With standard wheels and tyres   |            |   |       |
| urban  | l/100 km   |   | 6.1   |
| inter-urban  | l/100 km   |   | 4.8   |
| combined   | l/100 km   |   | 5.3   |
| CO <sub>2</sub>  | g/km       |   | 139   |
| With 8J x 18 wheels and 225/45 R18 tyres / with winter tyres, with 8J x 18 wheels (front), 8.5J x 18 (rear) and 225/45 R18 tyres (front), 255/40 R18 (rear), with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear) |            |   |       |
| urban  | l/100 km   |   | 6.3   |
| inter-urban  | l/100 km   |   | 5.0   |
| combined   | l/100 km   |   | 5.5   |
| CO <sub>2</sub>  | g/km       |   | 144   |
| Emission rating  |            |   | EU6   |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

<sup>1)</sup> Oil change

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

# BMW 4 Series Convertible. 435d xDrive.

| BMW 435d xDrive Convertible               |  |                    |
|---|--|--------------------|
| <b>Body</b>                               |  |                    |
| No of doors / seats                       |  | 2 / 4              |
| Length / width / height (unladen)         | mm   | 4640 / 1825 / 1399 |
| Wheelbase                                 | mm   | 2810               |
| Track, front / rear                       | mm   | 1543 / 1593        |
| Ground clearance                          | mm   | 145                |
| Turning circle                            | m  | 11.8               |
| Fuel tank capacity                        | approx. l  | 57                 |
| Engine oil <sup>1)</sup>                  | l  | 6.5                |
| Weight, unladen, to DIN/EU                | kg   | 1850 / 1925        |
| Max load to DIN                           | kg   | 440                |
| Max permissible weight                    | kg   | 2290               |
| Max axle load, front / rear               | kg   | 1095 / 1230        |
| Max trailer load, braked (12%) / unbraked | kg   | 1800 / 750         |
| Max roofload / max towbar                 | kg   | – / 75             |
| Luggage comp capacity                     | l  | 370                |
| Air resistance                            | cd x A   | 0.30 x 2.16        |
| <b>Power Unit</b>                         |  |                    |
| Config/No of cyls/valves                  |  | R / 6 / 4          |
| Engine technology                         | BMW TwinPower Turbo technology: multi-stage high-pressure turbocharging with variable turbine geometry, common-rail direct injection with piezo injectors, max. injection pressure: 2000 bar   |                    |
| Effective capacity                        | cc   | 2993               |
| Stroke / bore                             | mm   | 90.0 / 84.0        |
| Compression ratio                         | :1   | 16.5               |
| Fuel                                      |  | Diesel             |
| Max output                                | kW/hp  | 230 / 313          |
| at  | rpm  | 4400               |
| Max torque                                | Nm/lb-ft   | 630/464            |
| at  | rpm  | 1500 – 2500        |
| <b>Electrical System</b>                  |  |                    |
| Battery/installation                      | Ah/–   | 90 / Luggage       |
| <b>Driving Dynamics and Safety</b>        |  |                    |
| Suspension, front                         | Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, traverse force compensation, anti-dive  |                    |
| Suspension, rear                          | Five-link axle in lightweight construction   |                    |
| Brakes, front                             | Single-piston floating-calliper disc brakes / vented   |                    |
| Brakes, rear                              | Single-piston floating-calliper disc brakes / vented   |                    |
| Driving stability systems                 | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant, cross-linking with xDrive all-wheel-drive system in the Integrated Chassis Management (ICM)                           |                    |
| Safety equipment                          | Standard: airbags for driver and front passenger, side airbags for driver and front passenger combined with head airbags, three-point inertia-reel seatbelts on all seats, integrated at the front with belt tensioners and belt force limiter, rollover protection system, crash sensors, tyre pressure indicator |                    |
| Steering                                  | Electric Power Steering (EPS) with Servotronic function; optional: Variable Sport Steering   |                    |
| Steering ratio, overall                   | :1   | 15.1               |
| Tyres, front / rear                       |  | 225/50 R17 94W     |
| Rims, front / rear                        |  | 7.5J x 17 LM       |

**BMW 435d xDrive Convertible**

**Transmission**

|                      |                    |    |
|----------------------|--------------------|----|
| Type of transmission | 8-speed Steptronic |    |
| Gear ratios          | I                  | :1 |
|                      | II                 | :1 |
|                      | III                | :1 |
|                      | IV                 | :1 |
|                      | V                  | :1 |
|                      | VI                 | :1 |
|                      | VII                | :1 |
|                      | VIII               | :1 |
|                      | R                  | :1 |
| Final drive          |                    | :1 |

**Performance**

|                             |       |      |
|-----------------------------|-------|------|
| Power-to-weight ratio (DIN) | kg/kW | 8.0  |
| Output per litre            | kW/l  | 76.8 |
| Acceleration 0–100 km/h     | s     | 5.2  |
| Top speed                   | km/h  | 250  |

**BMW EfficientDynamics**

|   |  |
|---|--|
| BMW EfficientDynamics standard features | Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, ECO PRO mode with coasting function, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, rear differential with optimised warm-up behaviour, tyres with reduced rolling resistance |
|---|--|

**Fuel Consumption EU <sup>2)</sup>**

|  |          |     |
|--|----------|-----|
| With standard wheels and tyres   |          |     |
| urban  | l/100 km | 6.8 |
| inter-urban  | l/100 km | 5.2 |
| combined   | l/100 km | 5.7 |
| CO <sub>2</sub>  | g/km     | 151 |
| With 8J x 18 wheels and 225/45 R18 tyres / with winter tyres, with 8J x 18 wheels (front), 8.5J x 18 (rear) and 225/45 R18 tyres (front), 255/40 R18 (rear), with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear) |          |     |
| urban  | l/100 km | 7.0 |
| inter-urban  | l/100 km | 5.3 |
| combined   | l/100 km | 5.9 |
| CO <sub>2</sub>  | g/km     | 155 |
| Emission rating  |          | EU6 |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

<sup>1)</sup> Oil change

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



# BMW 4 Series Gran Coupe. 420i, 430i.

| BMW 420i Gran Coupe                          |  | BMW 430i Gran Coupe          |
|--|--|------------------------------|
| <b>Body</b>                                  |  |                              |
| No of doors / seats                          | 4 / 5  | 4 / 5                        |
| Length / width / height (unladen)            | mm 4640 / 1825 / 1389  | 4640 / 1825 / 1389           |
| Wheelbase                                    | mm 2810  | 2810                         |
| Track, front / rear                          | mm 1545 / 1592   | 1545 / 1592                  |
| Ground clearance                             | mm 130   | 130                          |
| Turning circle                               | m 11.3   | 11.3                         |
| Fuel tank capacity                           | approx. l 60   | 60                           |
| Engine oil <sup>1)</sup>                     | l 5.25   | 5.25                         |
| Weight, unladen, to DINEU                    | kg 1520 / 1595<br>(1540 / 1615)  | 1520 / 1595<br>(1540 / 1615) |
| Max load to DIN                              | kg 560   | 560                          |
| Max permissible weight                       | kg 2080 (2100)   | 2080 (2100)                  |
| Max axle load, front / rear                  | kg 945 / 1210  | 955 / 1215                   |
| Max trailer load,<br>braked (12%) / unbraked | kg 1400 (1500) / 695   | 1600 / 745                   |
| Max roofload / max towbar<br>download        | kg 75 / 75   | 75 / 75                      |
| Luggage comp capacity                        | l 480 – 1300   | 480 – 1300                   |
| Air resistance                               | cd x A 0.29 x 2.16   | 0.29 x 2.16                  |
| <b>Power Unit</b>                            |  |                              |
| Config/No of cyls/valves                     | In-line/4/4  | In-line/4/4                  |
| Engine technology                            | BMW TwinPower Turbo technology with TwinScroll turbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve control und Double-VANOS variable camshaft timing   |                              |
| Effective capacity                           | cc 1998  | 1998                         |
| Stroke / bore                                | mm 94.6 / 82.0   | 94.6 / 82.0                  |
| Compression ratio                            | :1 11.0  | 10.2                         |
| Fuel   | RON 90 – 98  | RON 90 – 98                  |
| Recommended fuel                             | RON 95   | RON 95                       |
| Max output                                   | kW/hp 135 / 184  | 185 / 252                    |
| at   | rpm 5000   | 5200                         |
| Max torque                                   | Nm/lb-ft 290/214 (270/199)   | 350/258                      |
| at   | rpm 1350 – 4600  | 1450 – 4800                  |
| <b>Electrical System</b>                     |  |                              |
| Battery/installation                         | Ah/– 90 / Luggage compartment  | 90 / Luggage compartment     |
| <b>Driving Dynamics and Safety</b>           |  |                              |
| Suspension, front                            | Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, traverse force compensation, anti-dive  |                              |
| Suspension, rear                             | Five-link axle in lightweight construction   |                              |
| Brakes, front                                | Single-piston floating-calliper disc brakes / vented   |                              |
| Brakes, rear                                 | Single-piston floating-calliper disc brakes / vented   |                              |
| Driving stability systems                    | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant  |                              |
| Safety equipment                             | Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for 1st and 2nd seat row, three-point inertia-reel belts on all seats, integrated at the front with belt tensioners and belt force limiter, crash sensors, tyre pressure indicator |                              |
| Steering                                     | Electric Power Steering (EPS)<br>with Servotronic function; optional: Variable Sport Steering  |                              |
| Steering ratio, overall                      | :1 15.0  | 15.0                         |
| Tyres, front / rear                          | 225/50 R17 94W   | 225/50 R17 94W               |
| Rims, front / rear                           | 7.5J x 17 LM   | 7.5J x 17 LM                 |

| BMW 420i Gran Coupe  |          |   | BMW 430i Gran Coupe |               |
|--|----------|---|---------------------|---------------|
| Transmission   |          |   |                     |               |
| Type of transmission   |          | 6-speed manual (optional: 8-speed Steptronic)   |                     |               |
| Gear ratios  | I        | :1  | 4.002 (5.000)       | 3.683 (5.000) |
|  | II       | :1  | 2.130 (3.200)       | 2.062 (3.200) |
|  | III      | :1  | 1.396 (2.143)       | 1.313 (2.143) |
|  | IV       | :1  | 1.000 (1.720)       | 1.000 (1.720) |
|  | V        | :1  | 0.781 (1.314)       | 0.809 (1.314) |
|  | VI       | :1  | 0.668 (1.000)       | 0.677 (1.000) |
|  | VII      | :1  | – (0.822)           | – (0.822)     |
|  | VIII     | :1  | – (0.640)           | – (0.640)     |
|  | R        | :1  | 3.647 (3.456)       | 3.348 (3.456) |
| Final drive  |          | :1  | 3.385 (2.813)       | 3.909 (2.813) |
| Performance  |          |   |                     |               |
| Power-to-weight ratio (DIN)  | kg/kW    |   | 11.3 (11.4)         | 8.2 (8.3)     |
| Output per litre   | kW/l     |   | 67.6                | 92.6          |
| Acceleration 0–100 km/h  | s        |   | 7.5 (7.7)           | 5.9 (5.9)     |
| Top speed  | km/h     |   | 236 (236)           | 250 (250)     |
| 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 (automatic transmission), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised-warm-up behaviour, tyres with reduced rolling resistance |                     |               |
| Fuel Consumption EU <sup>2)</sup>  |          |   |                     |               |
| With standard wheels and tyres   |          |   |                     |               |
| urban  | l/100 km |   | 7.7 (7.1)           | 7.9 (7.0)     |
| inter-urban  | l/100 km |   | 4.7 (4.5)           | 5.1 (4.7)     |
| combined   | l/100 km |   | 5.8 (5.5)           | 6.1 (5.5)     |
| CO <sub>2</sub>  | g/km     |   | 134 (127)           | 143 (129)     |
| With 8J x 18 wheels and 225/45 R18 tyres / with winter tyres, with 8J x 18 wheels (front), 8.5J x 18 (rear) and 225/45 R18 tyres (front), 255/40 R18 (rear), with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear) |          |   |                     |               |
| urban  | l/100 km |   | 8.1 (7.6)           | 8.4 (7.4)     |
| inter-urban  | l/100 km |   | 4.9 (4.7)           | 5.4 (4.9)     |
| combined   | l/100 km |   | 6.1 (5.8)           | 6.5 (5.8)     |
| CO <sub>2</sub>  | g/km     |   | 141 (134)           | 151 (136)     |
| Emission rating  |          |   | EU6                 | EU6           |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)  
Figures in brackets apply to models with automatic transmission

<sup>1)</sup> Oil change

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

# BMW 4 Series Gran Coupe. 420i xDrive, 430i xDrive.

|  |           | BMW 420i xDrive Gran Coupe   | BMW 430i xDrive Gran Coupe |
|--|-----------|--|----------------------------|
| <b>Body</b>                                  |           |  |                            |
| No of doors / seats                          |           | 4 / 5  | 4 / 5                      |
| Length / width / height (unladen)            | mm        | 4640 / 1825 / 1404   | 4640 / 1825 / 1404         |
| Wheelbase                                    | mm        | 2810   | 2810                       |
| Track, front / rear                          | mm        | 1543 / 1592  | 1543 / 1592                |
| Ground clearance                             | mm        | 145  | 145                        |
| Turning circle                               | m         | 11.8   | 11.8                       |
| Fuel tank capacity                           | approx. l | 60   | 60                         |
| Engine oil <sup>1)</sup>                     | l         | 5.25   | 5.25                       |
| Weight, unladen, to DINEU                    | kg        | 1600 / 1675<br>(1615 / 1690)   | 1615 / 1690                |
| Max load to DIN                              | kg        | 560  | 560                        |
| Max permissible weight                       | kg        | 2160 (2175)  | 2175                       |
| Max axle load, front / rear                  | kg        | 995 / 1230   | 995 / 1230                 |
| Max trailer load,<br>braked (12%) / unbraked | kg        | 1700 / 750   | 1700 / 750                 |
| Max roofload / max towbar<br>download        | kg        | 75 / 75  | 75 / 75                    |
| Luggage comp capacity                        | l         | 480 – 1300   | 480 – 1300                 |
| Air resistance                               | cd x A    | 0.30 x 2.16  | 0.30 x 2.16                |
| <b>Power Unit</b>                            |           |  |                            |
| Config/No of cyls/valves                     |           | In-line/4/4  | In-line/4/4                |
| Engine technology                            |           | BMW TwinPower Turbo technology with TwinScroll turbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve control und Double-VANOS variable camshaft timing   |                            |
| Effective capacity                           | cc        | 1998   | 1998                       |
| Stroke / bore                                | mm        | 94.6 / 82.0  | 94.6 / 82.0                |
| Compression ratio                            | :1        | 11.0   | 10.2                       |
| Fuel   |           | RON 90 – 98  | RON 90 – 98                |
| Recommended fuel                             |           | RON 95   | RON 95                     |
| Max output                                   | kW/hp     | 135 / 184  | 185 / 252                  |
| at   | rpm       | 5000   | 5200                       |
| Max torque                                   | Nm/lb-ft  | 270/199  | 350/258                    |
| at   | rpm       | 1350 – 4600  | 1450 – 4800                |
| <b>Electrical System</b>                     |           |  |                            |
| Battery/installation                         | Ah/–      | 90 / Luggage compartment   | 90 / Luggage compartment   |
| <b>Driving Dynamics and Safety</b>           |           |  |                            |
| Suspension, front                            |           | Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, traverse force compensation, anti-dive  |                            |
| Suspension, rear                             |           | Five-link axle in lightweight construction   |                            |
| Brakes, front                                |           | Single-piston floating-calliper disc brakes / vented   |                            |
| Brakes, rear                                 |           | Single-piston floating-calliper disc brakes / vented   |                            |
| Driving stability systems                    |           | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant, cross-linking with xDrive all-wheel-drive system  |                            |
| Safety equipment                             |           | Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for 1st and 2nd seat row, three-point inertia-reel belts on all seats, integrated at the front with belt tensioners and belt force limiter, crash sensors, tyre pressure indicator |                            |
| Steering                                     |           | Electric Power Steering (EPS)<br>with Servotronic function; optional: Variable Sport Steering  |                            |
| Steering ratio, overall                      | :1        | 15.1   | 15.1                       |
| Tyres, front / rear                          |           | 225/50 R17 94W   | 225/50 R17 94W             |
| Rims, front / rear                           |           | 7.5J x 17 LM   | 7.5J x 17 LM               |

| BMW 420i xDrive Gran Coupe   |          |   | BMW 430i xDrive Gran Coupe                       |                    |
|--|----------|---|--|--------------------|
| Transmission   |          |   |  |                    |
| Type of transmission   |          |   | 6-speed manual<br>(optional: 8-speed Steptronic) | 8-speed Steptronic |
| Gear ratios  | I        | :1  | 4.110 (5.000)                                    | 5.000              |
|  | II       | :1  | 2.315 (3.200)                                    | 3.200              |
|  | III      | :1  | 1.542 (2.143)                                    | 2.143              |
|  | IV       | :1  | 1.179 (1.720)                                    | 1.720              |
|  | V        | :1  | 1.000 (1.314)                                    | 1.314              |
|  | VI       | :1  | 0.846 (1.000)                                    | 1.000              |
|  | VII      | :1  | – (0.822)  | 0.822              |
|  | VIII     | :1  | – (0.640)  | 0.640              |
|  | R        | :1  | 3.727 (3.456)                                    | 3.456              |
| Final drive  |          | :1  | 3.385 (2.813)                                    | 2.813              |
| Performance  |          |   |  |                    |
| Power-to-weight ratio (DIN)  | kg/kW    |   | 11.9 (12.0)                                      | 8.7                |
| Output per litre   | kW/l     |   | 67.6   | 92.6               |
| Acceleration 0–100 km/h  | s        |   | 7.8 (8.1)  | 5.9                |
| Top speed  | km/h     |   | 233 (231)  | 250                |
| BMW EfficientDynamics  |          |   |  |                    |
| BMW EfficientDynamics standard features  |          | Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Shift Indicator (manual gearbox), ECO PRO mode with coasting function (automatic transmission), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, rear differential with optimised warm-up behaviour, tyres with reduced rolling resistance |  |                    |
| Fuel Consumption EU <sup>2)</sup>  |          |   |  |                    |
| With standard wheels and tyres   |          |   |  |                    |
| urban  | l/100 km |   | 8.7 (7.7)  | 7.5                |
| inter-urban  | l/100 km |   | 5.4 (4.8)  | 5.0                |
| combined   | l/100 km |   | 6.6 (5.9)  | 5.9                |
| CO <sub>2</sub>  | g/km     |   | 154 (137)  | 138                |
| With 8J x 18 wheels and 225/45 R18 tyres / with winter tyres, with 8J x 18 wheels (front), 8.5J x 18 (rear) and 225/45 R18 tyres (front), 255/40 R18 (rear), with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear) |          |   |  |                    |
| urban  | l/100 km |   | 9.0 (8.1)  | 7.8                |
| inter-urban  | l/100 km |   | 5.7 (5.1)  | 5.2                |
| combined   | l/100 km |   | 6.9 (6.2)  | 6.2                |
| CO <sub>2</sub>  | g/km     |   | 161 (144)  | 144                |
| Emission rating  |          |   | EU6  | EU6                |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)  
BMW 420i xDrive Gran Coupe: Figures in brackets apply to models with automatic transmission

<sup>1)</sup> Oil change

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

# BMW 4 Series Gran Coupe. 440i.

| BMW 440i Gran Coupe                          |           |  |
|--|-----------|--|
| <b>Body</b>                                  |           |  |
| No of doors / seats                          |           | 4 / 5  |
| Length / width / height (unladen)            | mm        | 4640 / 1825 / 1389   |
| Wheelbase                                    | mm        | 2810   |
| Track, front / rear                          | mm        | 1545 / 1592  |
| Ground clearance                             | mm        | 130  |
| Turning circle                               | m         | 11.3   |
| Fuel tank capacity                           | approx. l | 60   |
| Engine oil <sup>1)</sup>                     | l         | 6.5  |
| Weight, unladen, to DINEU                    | kg        | 1615 / 1690  |
| Max load to DIN                              | kg        | 560  |
| Max permissible weight                       | kg        | 2175   |
| Max axle load, front / rear                  | kg        | 1000 / 1230  |
| Max trailer load,<br>braked (12%) / unbraked | kg        | 1700 / 750   |
| Max roofload / max towbar<br>download        | kg        | 75 / 75  |
| Luggage comp capacity                        | l         | 480 – 1300   |
| Air resistance                               | cd x A    | 0.29 x 2.16  |
| <b>Power Unit</b>                            |           |  |
| Config/No of cyls/valves                     |           | R / 6 / 4  |
| Engine technology                            |           | BMW TwinPower Turbo technology with TwinScroll turbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve control und Double-VANOS variable camshaft timing   |
| Effective capacity                           | cc        | 2998   |
| Stroke / bore                                | mm        | 94.6 / 82.0  |
| Compression ratio                            | :1        | 11.0   |
| Fuel   |           | RON 90 – 98  |
| Recommended fuel                             |           | RON 95   |
| Max output                                   | kW/hp     | 240 / 326  |
| at   | rpm       | 5500   |
| Max torque                                   | Nm/lb-ft  | 450/332  |
| at   | rpm       | 1380 – 5000  |
| <b>Electrical System</b>                     |           |  |
| Battery/installation                         | Ah/–      | 90 / Luggage compartment   |
| <b>Driving Dynamics and Safety</b>           |           |  |
| Suspension, front                            |           | Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, traverse force compensation, anti-dive  |
| Suspension, rear                             |           | Five-link axle in lightweight construction   |
| Brakes, front                                |           | Single-piston floating-calliper disc brakes / vented   |
| Brakes, rear                                 |           | Single-piston floating-calliper disc brakes / vented   |
| Driving stability systems                    |           | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant  |
| Safety equipment                             |           | Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for 1st and 2nd seat row, three-point inertia-reel belts on all seats, integrated at the front with belt tensioners and belt force limiter, crash sensors, tyre pressure indicator |
| Steering                                     |           | Electric Power Steering (EPS)<br>with Servotronic function; optional: Variable Sport Steering  |
| Steering ratio, overall                      | :1        | 15.0   |
| Tyres, front / rear                          |           | 225/50 R17 94W   |
| Rims, front / rear                           |           | 7.5J x 17 LM   |

| BMW 440i Gran Coupe  |            |   |       |
|--|------------|---|-------|
| Transmission   |            |   |       |
| Type of transmission   |            | 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 |
| Final drive  |            | :1  | 2.813 |
| Performance  |            |   |       |
| Power-to-weight ratio (DIN)  | kg/kW      |   | 6.7   |
| Output per litre   | kW/l       |   | 80.1  |
| Acceleration   | 0–100 km/h | s   | 5.1   |
| Top speed  |            | km/h  | 250   |
| BMW EfficientDynamics  |            |   |       |
| BMW EfficientDynamics standard features  |            | Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, ECO PRO mode with coasting function, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised-warm-up behaviour, tyres with reduced rolling resistance |       |
| Fuel Consumption EU <sup>2)</sup>  |            |   |       |
| With standard wheels and tyres   |            |   |       |
| urban  | l/100 km   |   | 8.8   |
| inter-urban  | l/100 km   |   | 5.3   |
| combined   | l/100 km   |   | 6.6   |
| CO <sub>2</sub>  | g/km       |   | 154   |
| With 8J x 18 wheels and 225/45 R18 tyres / with winter tyres, with 8J x 18 wheels (front), 8.5J x 18 (rear) and 225/45 R18 tyres (front), 255/40 R18 (rear), with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear) |            |   |       |
| urban  | l/100 km   |   | 9.1   |
| inter-urban  | l/100 km   |   | 5.5   |
| combined   | l/100 km   |   | 6.8   |
| CO <sub>2</sub>  | g/km       |   | 159   |
| Emission rating  |            |   | EU6   |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

<sup>1)</sup> Oil change

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

# BMW 4 Series Gran Coupe. 440i xDrive.

| BMW 440i xDrive Gran Coupe                   |  |                          |
|--|--|--------------------------|
| <b>Body</b>                                  |  |                          |
| No of doors / seats                          |  | 4 / 5                    |
| Length / width / height (unladen)            | mm   | 4640 / 1825 / 1404       |
| Wheelbase                                    | mm   | 2810                     |
| Track, front / rear                          | mm   | 1543 / 1592              |
| Ground clearance                             | mm   | 145                      |
|  |  |                          |
| Turning circle                               | m  | 11.8                     |
| Fuel tank capacity                           | approx. l  | 60                       |
| Engine oil <sup>1)</sup>                     | l  | 6.5                      |
| Weight, unladen, to DINEU                    | kg   | 1685 / 1760              |
| Max load to DIN                              | kg   | 560                      |
| Max permissible weight                       | kg   | 2245                     |
| Max axle load, front / rear                  | kg   | 1065 / 1230              |
| Max trailer load,<br>braked (12%) / unbraked | kg   | 1800 / 750               |
| Max roofload / max towbar<br>download        | kg   | 75 / 75                  |
| Luggage comp capacity                        | l  | 480 – 1300               |
| Air resistance                               | cd x A   | 0.30 x 2.16              |
|  |  |                          |
| <b>Power Unit</b>                            |  |                          |
| Config/No of cyls/valves                     |  | R / 6 / 4                |
| Engine technology                            | BMW TwinPower Turbo technology with TwinScroll turbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve control und Double-VANOS variable camshaft timing   |                          |
| Effective capacity                           | cc   | 2998                     |
| Stroke / bore                                | mm   | 94.6 / 82.0              |
| Compression ratio                            | :1   | 11.0                     |
| Fuel   |  | RON 90 – 98              |
| Recommended fuel                             |  | RON 95                   |
| Max output                                   | kW/hp  | 240 / 326                |
| at   | rpm  | 5500                     |
| Max torque                                   | Nm/lb-ft   | 450/332                  |
| at   | rpm  | 1380 – 5000              |
|  |  |                          |
| <b>Electrical System</b>                     |  |                          |
| Battery/installation                         | Ah/–   | 90 / Luggage compartment |
|  |  |                          |
| <b>Driving Dynamics and Safety</b>           |  |                          |
| Suspension, front                            | Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, traverse force compensation, anti-dive  |                          |
| Suspension, rear                             | Five-link axle in lightweight construction   |                          |
| Brakes, front                                | Single-piston floating-calliper disc brakes / vented   |                          |
| Brakes, rear                                 | Single-piston floating-calliper disc brakes / vented   |                          |
| Driving stability systems                    | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant, cross-linking with xDrive all-wheel-drive system  |                          |
| Safety equipment                             | Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for 1st and 2nd seat row, three-point inertia-reel belts on all seats, integrated at the front with belt tensioners and belt force limiter, crash sensors, tyre pressure indicator |                          |
| Steering                                     | Electric Power Steering (EPS)<br>with Servotronic function; optional: Variable Sport Steering  |                          |
| Steering ratio, overall                      | :1   | 15.1                     |
| Tyres, front / rear                          |  | 225/50 R17 94W           |
| Rims, front / rear                           |  | 7.5J x 17 LM             |

| BMW 440i xDrive Gran Coupe   |            |  |       |
|--|------------|--|-------|
|  |            |  |       |
| Transmission   |            |  |       |
| Type of transmission   |            | 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 |
| Final drive  |            | :1   | 2.813 |
|  |            |  |       |
| Performance  |            |  |       |
| Power-to-weight ratio (DIN)  | kg/kW      |  | 7.0   |
| Output per litre   | kW/l       |  | 80.1  |
| Acceleration   | 0–100 km/h | s  | 5.0   |
| Top speed  |            | km/h   | 250   |
|  |            |  |       |
| BMW EfficientDynamics  |            |  |       |
| BMW EfficientDynamics standard features  |            | Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, ECO PRO mode with coasting function, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, rear differential with optimised warm-up behaviour, tyres with reduced rolling resistance |       |
|  |            |  |       |
| Fuel Consumption EU <sup>2)</sup>  |            |  |       |
| With standard wheels and tyres   |            |  |       |
| urban  | l/100 km   |  | 9.5   |
| inter-urban  | l/100 km   |  | 5.7   |
| combined   | l/100 km   |  | 7.1   |
| CO <sub>2</sub>  | g/km       |  | 165   |
| With 8J x 18 wheels and 225/45 R18 tyres / with winter tyres, with 8J x 18 wheels (front), 8.5J x 18 (rear) and 225/45 R18 tyres (front), 255/40 R18 (rear), with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear) |            |  |       |
| urban  | l/100 km   |  | 9.9   |
| inter-urban  | l/100 km   |  | 5.9   |
| combined   | l/100 km   |  | 7.4   |
| CO <sub>2</sub>  | g/km       |  | 172   |
| Emission rating  |            |  | EU6   |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

<sup>1)</sup> Oil change

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



# BMW 4 Series Gran Coupe. 418d.

| BMW 418d Gran Coupe                          |   |                              |
|--|---|------------------------------|
| <b>Body</b>                                  |   |                              |
| No of doors / seats                          |   | 4 / 5                        |
| Length / width / height (unladen)            | mm  | 4640 / 1825 / 1389           |
| Wheelbase                                    | mm  | 2810                         |
| Track, front / rear                          | mm  | 1557 / 1604                  |
| Ground clearance                             | mm  | 130                          |
| Turning circle                               | m   | 11.3                         |
| Fuel tank capacity                           | approx. l   | 57                           |
| Engine oil <sup>1)</sup>                     | l   | 5.0                          |
| Weight, unladen, to DINEU                    | kg  | 1510 / 1585<br>(1530 / 1605) |
| Max load to DIN                              | kg  | 560                          |
| Max permissible weight                       | kg  | 2070 (2090)                  |
| Max axle load, front / rear                  | kg  | 945 / 1215                   |
| Max trailer load,<br>braked (12%) / unbraked | kg  | 1600 / 745                   |
| Max roofload / max towbar<br>download        | kg  | 75 / 75                      |
| Luggage comp capacity                        | l   | 480 – 1300                   |
| Air resistance                               | cd x A  | 0.27 x 2.16                  |
| <b>Power Unit</b>                            |   |                              |
| Config/No of cyls/valves                     |   | In-line/4/4                  |
| Engine technology                            | BMW TwinPower Turbo technology: variable-geometry turbocharger,<br>common-rail direct injection with solenoid valve injectors<br>(max. injection pressure: 2000 bar)  |                              |
| Effective capacity                           | cc  | 1995                         |
| Stroke / bore                                | mm  | 90.0 / 84.0                  |
| Compression ratio                            | :1  | 16.5                         |
| Fuel   |   | Diesel                       |
| Max output                                   | kW/hp   | 110 / 150                    |
| at   | rpm   | 4000                         |
| Max torque                                   | Nm/lb-ft  | 320/236                      |
| at   | rpm   | 1500 – 3000                  |
| <b>Electrical System</b>                     |   |                              |
| Battery/installation                         | Ah/–  | 90 / Luggage<br>compartment  |
| <b>Driving Dynamics and Safety</b>           |   |                              |
| Suspension, front                            | Aluminium double-joint spring strut axle with displaced camber, small positive<br>steering roll radius, traverse force compensation, anti-dive  |                              |
| Suspension, rear                             | Five-link axle in lightweight construction  |                              |
| Brakes, front                                | Single-piston floating-calliper disc brakes / vented  |                              |
| Brakes, rear                                 | Single-piston floating-calliper disc brakes / vented  |                              |
| Driving stability systems                    | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering<br>Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function,<br>Fading Compensation, Start-Off Assistant   |                              |
| Safety equipment                             | Standard: airbags for driver and front passenger, side airbags for driver and<br>front passenger, head airbags for 1st and 2nd seat row, three-point inertia-reel<br>belts on all seats, integrated at the front with belt tensioners and belt force<br>limiter, crash sensors, tyre pressure indicator |                              |
| Steering                                     | Electric Power Steering (EPS)<br>with Servotronic function, optional: Variable Sport Steering   |                              |
| Steering ratio, overall                      | :1  | 15.0                         |
| Tyres, front / rear                          |   | 205/60 R16 92V               |
| Rims, front / rear                           |   | 7J x 16 LM                   |

| BMW 418d Gran Coupe  |          |   |               |
|--|----------|---|---------------|
| Transmission   |          |   |               |
| Type of transmission   |          | 6-speed manual (8-speed Steptronic)   |               |
| Gear ratios  | I        | :1  | 4.002 (5.000) |
|  | II       | :1  | 2.109 (3.200) |
|  | III      | :1  | 1.396 (2.143) |
|  | IV       | :1  | 1.000 (1.720) |
|  | V        | :1  | 0.781 (1.314) |
|  | VI       | :1  | 0.668 (1.000) |
|  | VII      | :1  | – (0.822)     |
|  | VIII     | :1  | – (0.640)     |
|  | R        | :1  | 3.647 (3.456) |
| Final drive  |          | :1  | 3.231 (2.813) |
| Performance  |          |   |               |
| Power-to-weight ratio (DIN)  | kg/kW    |   | 13.7 (13.9)   |
| Output per litre   | kW/l     |   | 55.1          |
| Acceleration 0–100 km/h  | s        |   | 9.0 (8.9)     |
| Top speed  | km/h     |   | 213 (213)     |
| 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 (automatic transmission), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance |               |
| Fuel Consumption EU <sup>2)</sup>  |          |   |               |
| With standard wheels and tyres   |          |   |               |
| urban  | l/100 km |   | 5.0 (4.9)     |
| inter-urban  | l/100 km |   | 3.6 (3.6)     |
| combined   | l/100 km |   | 4.1 (4.1)     |
| CO <sub>2</sub>  | g/km     |   | 109 (107)     |
| With 8J x 18 wheels and 225/45 R18 tyres, with 8J x 18 wheels (front), 8.5J x 18 (rear) and 225/45 R18 tyres (front), 255/40 R18 (rear), with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear) |          |   |               |
| urban  | l/100 km |   | 5.4 (5.3)     |
| inter-urban  | l/100 km |   | 3.9 (3.9)     |
| combined   | l/100 km |   | 4.5 (4.4)     |
| CO <sub>2</sub>  | g/km     |   | 118 (116)     |
| Emission rating  |          |   | EU6           |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)  
Figures in brackets apply to models with automatic transmission

<sup>1)</sup> Oil change

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

# BMW 4 Series Gran Coupe. 420d.

| BMW 420d Gran Coupe                          |   |                              |
|--|---|------------------------------|
| <b>Body</b>                                  |   |                              |
| No of doors / seats                          |   | 4 / 5                        |
| Length / width / height (unladen)            | mm  | 4640 / 1825 / 1389           |
| Wheelbase                                    | mm  | 2810                         |
| Track, front / rear                          | mm  | 1545 / 1592                  |
| Ground clearance                             | mm  | 130                          |
| Turning circle                               | m   | 11.3                         |
| Fuel tank capacity                           | approx. l   | 57                           |
| Engine oil <sup>1)</sup>                     | l   | 5.0                          |
| Weight, unladen, to DINEU                    | kg  | 1520 / 1595<br>(1540 / 1615) |
| Max load to DIN                              | kg  | 560                          |
| Max permissible weight                       | kg  | 2080 (2100)                  |
| Max axle load, front / rear                  | kg  | 945 / 1215                   |
| Max trailer load,<br>braked (12%) / unbraked | kg  | 1600 / 745                   |
| Max roofload / max towbar<br>download        | kg  | 75 / 75                      |
| Luggage comp capacity                        | l   | 480 – 1300                   |
| Air resistance                               | cd x A  | 0.28 x 2.16                  |
| <b>Power Unit</b>                            |   |                              |
| Config/No of cyls/valves                     |   | In-line/4/4                  |
| Engine technology                            | BMW TwinPower Turbo technology: variable-geometry turbocharger,<br>common-rail direct injection with solenoid valve injectors, max. injection<br>pressure: 2000 bar   |                              |
| Effective capacity                           | cc  | 1995                         |
| Stroke / bore                                | mm  | 90.0 / 84.0                  |
| Compression ratio                            | :1  | 16.5                         |
| Fuel   |   | Diesel                       |
| Max output                                   | kW/hp   | 140 / 190                    |
| at   | rpm   | 4000                         |
| Max torque                                   | Nm/lb-ft  | 400/295                      |
| at   | rpm   | 1750 – 2500                  |
| <b>Electrical System</b>                     |   |                              |
| Battery/installation                         | Ah/–  | 90 / Luggage<br>compartment  |
| <b>Driving Dynamics and Safety</b>           |   |                              |
| Suspension, front                            | Aluminium double-joint spring strut axle with displaced camber, small positive<br>steering roll radius, traverse force compensation, anti-dive  |                              |
| Suspension, rear                             | Five-link axle in lightweight construction  |                              |
| Brakes, front                                | Single-piston floating-calliper disc brakes / vented  |                              |
| Brakes, rear                                 | Single-piston floating-calliper disc brakes / vented  |                              |
| Driving stability systems                    | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering<br>Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function,<br>Fading Compensation, Start-Off Assistant   |                              |
| Safety equipment                             | Standard: airbags for driver and front passenger, side airbags for driver and<br>front passenger, head airbags for 1st and 2nd seat row, three-point inertia-reel<br>belts on all seats, integrated at the front with belt tensioners and belt force<br>limiter, crash sensors, tyre pressure indicator |                              |
| Steering                                     | Electric Power Steering (EPS)<br>with Servotronic function, optional: Variable Sport Steering   |                              |
| Steering ratio, overall                      | :1  | 15.0                         |
| Tyres, front / rear                          |   | 225/50 R17 94W               |
| Rims, front / rear                           |   | 7.5J x 17 LM                 |

| BMW 420d Gran Coupe  |            |   |               |
|--|------------|---|---------------|
| Transmission   |            |   |               |
| Type of transmission   |            | 6-speed manual (8-speed Steptronic)   |               |
| Gear ratios  | I          | :1  | 4.110 (5.000) |
|  | II         | :1  | 2.248 (3.200) |
|  | III        | :1  | 1.403 (2.143) |
|  | IV         | :1  | 1.000 (1.720) |
|  | V          | :1  | 0.802 (1.314) |
|  | VI         | :1  | 0.659 (1.000) |
|  | VII        | :1  | – (0.822)     |
|  | VIII       | :1  | – (0.640)     |
|  | R          | :1  | 3.727 (3.456) |
| Final drive  |            | :1  | 3.154 (2.813) |
| Performance  |            |   |               |
| Power-to-weight ratio (DIN)  | kg/kW      |   | 10.9 (11.0)   |
| Output per litre   | kW/l       |   | 70.2          |
| Acceleration   | 0–100 km/h | s   | 7.5 (7.3)     |
| Top speed  |            | km/h  | 240 (231)     |
| 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 (automatic transmission), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance |               |
| Fuel Consumption EU <sup>2)</sup>  |            |   |               |
| With standard wheels and tyres   |            |   |               |
| urban  | l/100 km   |   | 5.1 (4.7)     |
| inter-urban  | l/100 km   |   | 3.7 (3.6)     |
| combined   | l/100 km   |   | 4.2 (4.0)     |
| CO <sub>2</sub>  | g/km       |   | 111 (106)     |
| With 8J x 18 wheels and 225/45 R18 tyres / with winter tyres, with 8J x 18 wheels (front), 8.5J x 18 (rear) and 225/45 R18 tyres (front), 255/40 R18 (rear), with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear) |            |   |               |
| urban  | l/100 km   |   | 5.5 (5.1)     |
| inter-urban  | l/100 km   |   | 3.9 (3.9)     |
| combined   | l/100 km   |   | 4.5 (4.3)     |
| CO <sub>2</sub>  | g/km       |   | 119 (114)     |
| Emission rating  |            |   | EU6           |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)  
Figures in brackets apply to models with automatic transmission

<sup>1)</sup> Oil change

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

# BMW 4 Series Gran Coupe. 420d xDrive.

| BMW 420d xDrive Gran Coupe                   |   |                              |
|--|---|------------------------------|
| <b>Body</b>                                  |   |                              |
| No of doors / seats                          |   | 4 / 5                        |
| Length / width / height (unladen)            | mm  | 4640 / 1825 / 1404           |
| Wheelbase                                    | mm  | 2810                         |
| Track, front / rear                          | mm  | 1543 / 1592                  |
| Ground clearance                             | mm  | 145                          |
| Turning circle                               | m   | 11.8                         |
| Fuel tank capacity                           | approx. l   | 57                           |
| Engine oil <sup>1)</sup>                     | l   | 5.0                          |
| Weight, unladen, to DINEU                    | kg  | 1595 / 1670<br>(1615 / 1690) |
| Max load to DIN                              | kg  | 560                          |
| Max permissible weight                       | kg  | 2155 (2175)                  |
| Max axle load, front / rear                  | kg  | 1005 / 1230                  |
| Max trailer load,<br>braked (12%) / unbraked | kg  | 1600 / 750                   |
| Max roofload / max towbar<br>download        | kg  | 75 / 75                      |
| Luggage comp capacity                        | l   | 480 – 1300                   |
| Air resistance                               | cd x A  | 0.29 x 2.16                  |
| <b>Power Unit</b>                            |   |                              |
| Config/No of cyls/valves                     |   | In-line/4/4                  |
| Engine technology                            | BMW TwinPower Turbo technology: variable-geometry turbocharger,<br>common-rail direct injection with solenoid valve injectors, max. injection<br>pressure: 2000 bar   |                              |
| Effective capacity                           | cc  | 1995                         |
| Stroke / bore                                | mm  | 90.0 / 84.0                  |
| Compression ratio                            | :1  | 16.5                         |
| Fuel   |   | Diesel                       |
| Max output                                   | kW/hp   | 140 / 190                    |
| at   | rpm   | 4000                         |
| Max torque                                   | Nm/lb-ft  | 400/295                      |
| at   | rpm   | 1750 – 2500                  |
| <b>Electrical System</b>                     |   |                              |
| Battery/installation                         | Ah/–  | 90 / Luggage<br>compartment  |
| <b>Driving Dynamics and Safety</b>           |   |                              |
| Suspension, front                            | Aluminium double-joint spring strut axle with displaced camber, small positive<br>steering roll radius, traverse force compensation, anti-dive  |                              |
| Suspension, rear                             | Five-link axle in lightweight construction  |                              |
| Brakes, front                                | Single-piston floating-calliper disc brakes / vented  |                              |
| Brakes, rear                                 | Single-piston floating-calliper disc brakes / vented  |                              |
| Driving stability systems                    | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering<br>Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function,<br>Fading Compensation, Start-Off Assistant, cross-linking with xDrive all-wheel-<br>drive system in the Integrated Chassis Management (ICM)      |                              |
| Safety equipment                             | Standard: airbags for driver and front passenger, side airbags for driver and<br>front passenger, head airbags for 1st and 2nd seat row, three-point inertia-reel<br>belts on all seats, integrated at the front with belt tensioners and belt force<br>limiter, crash sensors, tyre pressure indicator |                              |
| Steering                                     | Electric Power Steering (EPS)<br>with Servotronic function, optional: Variable Sport Steering   |                              |
| Steering ratio, overall                      | :1  | 15.1                         |
| Tyres, front / rear                          |   | 225/50 R17 94W               |
| Rims, front / rear                           |   | 7.5J x 17 LM                 |

| BMW 420d xDrive Gran Coupe   |          |  |               |
|--|----------|--|---------------|
| Transmission   |          |  |               |
| Type of transmission   |          | 6-speed manual (8-speed Steptronic)  |               |
| Gear ratios  | I        | :1   | 4.110 (5.000) |
|  | II       | :1   | 2.248 (3.200) |
|  | III      | :1   | 1.403 (2.143) |
|  | IV       | :1   | 1.000 (1.720) |
|  | V        | :1   | 0.802 (1.314) |
|  | VI       | :1   | 0.659 (1.000) |
|  | VII      | :1   | – (0.822)     |
|  | VIII     | :1   | – (0.640)     |
|  | R        | :1   | 3.727 (3.456) |
| Final drive  |          | :1   | 3.154 (2.813) |
| Performance  |          |  |               |
| Power-to-weight ratio (DIN)  | kg/kW    |  | 11.4 (11.5)   |
| Output per litre   | kW/l     |  | 70.2          |
| Acceleration 0–100 km/h  | s        |  | 7.6 (7.4)     |
| Top speed  | km/h     |  | 235 (230)     |
| 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 (automatic transmission), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, rear differential with optimised warm-up behaviour, tyres with reduced rolling resistance |               |
| Fuel Consumption EU <sup>2)</sup>  |          |  |               |
| With standard wheels and tyres   |          |  |               |
| urban  | l/100 km |  | 5.6 (5.2)     |
| inter-urban  | l/100 km |  | 4.0 (4.1)     |
| combined   | l/100 km |  | 4.6 (4.5)     |
| CO <sub>2</sub>  | g/km     |  | 121 (118)     |
| With 8J x 18 wheels and 225/45 R18 tyres / with winter tyres, with 8J x 18 wheels (front), 8.5J x 18 (rear) and 225/45 R18 tyres (front), 255/40 R18 (rear), with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear) |          |  |               |
| urban  | l/100 km |  | 5.9 (5.6)     |
| inter-urban  | l/100 km |  | 4.3 (4.3)     |
| combined   | l/100 km |  | 4.9 (4.8)     |
| CO <sub>2</sub>  | g/km     |  | 129 (126)     |
| Emission rating  |          |  | EU6           |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)  
Figures in brackets apply to models with automatic transmission

<sup>1)</sup> Oil change

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

# BMW 4 Series Gran Coupe. 430d.

| BMW 430d Gran Coupe                          |  |                    |
|--|--|--------------------|
| <b>Body</b>                                  |  |                    |
| No of doors / seats                          |  | 4 / 5              |
| Length / width / height (unladen)            | mm   | 4640 / 1825 / 1389 |
| Wheelbase                                    | mm   | 2810               |
| Track, front / rear                          | mm   | 1545 / 1592        |
| Ground clearance                             | mm   | 130                |
| Turning circle                               | m  | 11.3               |
| Fuel tank capacity                           | approx. l  | 57                 |
| Engine oil <sup>1)</sup>                     | l  | 6.5                |
| Weight, unladen, to DIN/EU                   | kg   | 1615 / 1690        |
| Max load to DIN                              | kg   | 560                |
| Max permissible weight                       | kg   | 2175               |
| Max axle load, front / rear                  | kg   | 990 / 1225         |
| Max trailer load,<br>braked (12%) / unbraked | kg   | 1800 / 750         |
| Max roofload / max towbar                    | kg   | 75 / 75            |
| Luggage comp capacity                        | l  | 480 – 1300         |
| Air resistance                               | cd x A   | 0.29 x 2.16        |
| <b>Power Unit</b>                            |  |                    |
| Config/No of cyls/valves                     |  | R / 6 / 4          |
| Engine technology                            | BMW TwinPower Turbo technology: variable-geometry turbocharger,<br>common-rail direct injection with solenoid valve injectors,<br>max. injection pressure: 1800 bar  |                    |
| Effective capacity                           | cc   | 2993               |
| Stroke / bore                                | mm   | 90.0 / 84.0        |
| Compression ratio                            | :1   | 16.5               |
| Fuel   |  | Diesel             |
| Max output                                   | kW/hp  | 190 / 258          |
| at   | rpm  | 4000               |
| Max torque                                   | Nm/lb-ft   | 560/413            |
| at   | rpm  | 1500 – 3000        |
| <b>Electrical System</b>                     |  |                    |
| Battery/installation                         | Ah/–   | 90 / Luggage       |
| <b>Driving Dynamics and Safety</b>           |  |                    |
| Suspension, front                            | Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, traverse force compensation, anti-dive  |                    |
| Suspension, rear                             | Five-link axle in lightweight construction   |                    |
| Brakes, front                                | Single-piston floating-calliper disc brakes / vented   |                    |
| Brakes, rear                                 | Single-piston floating-calliper disc brakes / vented   |                    |
| Driving stability systems                    | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant  |                    |
| Safety equipment                             | Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for 1st and 2nd seat row, three-point inertia-reel belts on all seats, integrated at the front with belt tensioners and belt force limiter, crash sensors, tyre pressure indicator |                    |
| Steering                                     | Electric Power Steering (EPS) with Servotronic function;<br>optional: Variable Sport Steering  |                    |
| Steering ratio, overall                      | :1   | 15.0               |
| Tyres, front / rear                          |  | 225/50 R17 94W     |
| Rims, front / rear                           |  | 7.5J x 17 LM       |

| BMW 430d Gran Coupe  |            |   |       |
|--|------------|---|-------|
| Transmission   |            |   |       |
| Type of transmission   |            | 8-speed Steptronic  |       |
| Gear ratios  | I          | :1  | 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  | 2.563 |
| Performance  |            |   |       |
| Power-to-weight ratio (DIN)  | kg/kW      |   | 8.5   |
| Output per litre   | kW/l       |   | 63.5  |
| Acceleration   | 0–100 km/h | s   | 5.6   |
| Top speed  |            | km/h  | 250   |
| BMW EfficientDynamics  |            |   |       |
| BMW EfficientDynamics standard features  |            | Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, ECO PRO mode with coasting function, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, differential with optimised warm-up behaviour, tyres with reduced rolling resistance |       |
| Fuel Consumption EU <sup>2)</sup>  |            |   |       |
| With standard wheels and tyres   |            |   |       |
| urban  | l/100 km   |   | 5.9   |
| inter-urban  | l/100 km   |   | 4.6   |
| combined   | l/100 km   |   | 5.1   |
| CO <sub>2</sub>  | g/km       |   | 134   |
| With 8J x 18 wheels and 225/45 R18 tyres / with winter tyres, with 8J x 18 wheels (front), 8.5J x 18 (rear) and 225/45 R18 tyres (front), 255/40 R18 (rear), with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear) |            |   |       |
| urban  | l/100 km   |   | 6.1   |
| inter-urban  | l/100 km   |   | 4.8   |
| combined   | l/100 km   |   | 5.3   |
| CO <sub>2</sub>  | g/km       |   | 139   |
| Emission rating  |            |   | EU6   |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

<sup>1)</sup> Oil change

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



# BMW 4 Series Gran Coupe. 430d xDrive, 435d xDrive.

| BMW 430d xDrive Gran Coupe                |  | BMW 435d xDrive Gran Coupe   |
|---|--|--|
| <b>Body</b>                               |  |  |
| No of doors / seats                       |  | 4 / 5  |
| Length / width / height (unladen)         | mm   | 4640 / 1825 / 1404   |
| Wheelbase                                 | mm   | 2810   |
| Track, front / rear                       | mm   | 1543 / 1592  |
| Ground clearance                          | mm   | 145  |
| Turning circle                            | m  | 11.8   |
| Fuel tank capacity                        | approx. l  | 57   |
| Engine oil <sup>1)</sup>                  | l  | 6.5  |
| Weight, unladen, to DIN/EU                | kg   | 1680 / 1755  |
| Max load to DIN                           | kg   | 560  |
| Max permissible weight                    | kg   | 2240   |
| Max axle load, front / rear               | kg   | 1050 / 1230  |
| Max trailer load, braked (12%) / unbraked | kg   | 1800 / 750   |
| Max roofload / max towbar                 | kg   | 75 / 75  |
| Luggage comp capacity                     | l  | 480 – 1300   |
| Air resistance                            | cd x A   | 0.29 x 2.16  |
| <b>Power Unit</b>                         |  |  |
| Config/No of cyls/valves                  |  | R / 6 / 4  |
| Engine technology                         | BMW TwinPower Turbo technology: variable-geometry turbocharger, common-rail direct injection with solenoid valve injectors, max. injection pressure: 1800 bar  | BMW TwinPower Turbo technology: multi-stage high-pressure turbocharging with variable turbine geometry, common-rail direct injection with piezo injectors, max. injection pressure: 2000 bar |
| Effective capacity                        | cc   | 2993   |
| Stroke / bore                             | mm   | 90.0 / 84.0  |
| Compression ratio                         | :1   | 16.5   |
| Fuel                                      |  | Diesel   |
| Max output                                | kW/hp  | 190 / 258  |
| at  | rpm  | 4000   |
| Max torque                                | Nm/lb-ft   | 560/413  |
| at  | rpm  | 1500 – 3000  |
| <b>Electrical System</b>                  |  |  |
| Battery/installation                      | Ah/–   | 90 / Luggage compartment   |
| <b>Driving Dynamics and Safety</b>        |  |  |
| Suspension, front                         | Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, traverse force compensation, anti-dive  |  |
| Suspension, rear                          | Five-link axle in lightweight construction   |  |
| Brakes, front                             | Single-piston floating-calliper disc brakes / vented   |  |
| Brakes, rear                              | Single-piston floating-calliper disc brakes / vented   |  |
| Driving stability systems                 | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant, cross-linking with xDrive all-wheel-drive system in the Integrated Chassis Management (ICM)       |  |
| Safety equipment                          | Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for 1st and 2nd seat row, three-point inertia-reel belts on all seats, integrated at the front with belt tensioners and belt force limiter, crash sensors, tyre pressure indicator |  |
| Steering                                  | Electric Power Steering (EPS) with Servotronic function; optional: Variable Sport Steering   |  |
| Steering ratio, overall                   | :1   | 15.1   |
| Tyres, front / rear                       |  | 225/50 R17 94W   |
| Rims, front / rear                        |  | 7.5J x 17 LM   |

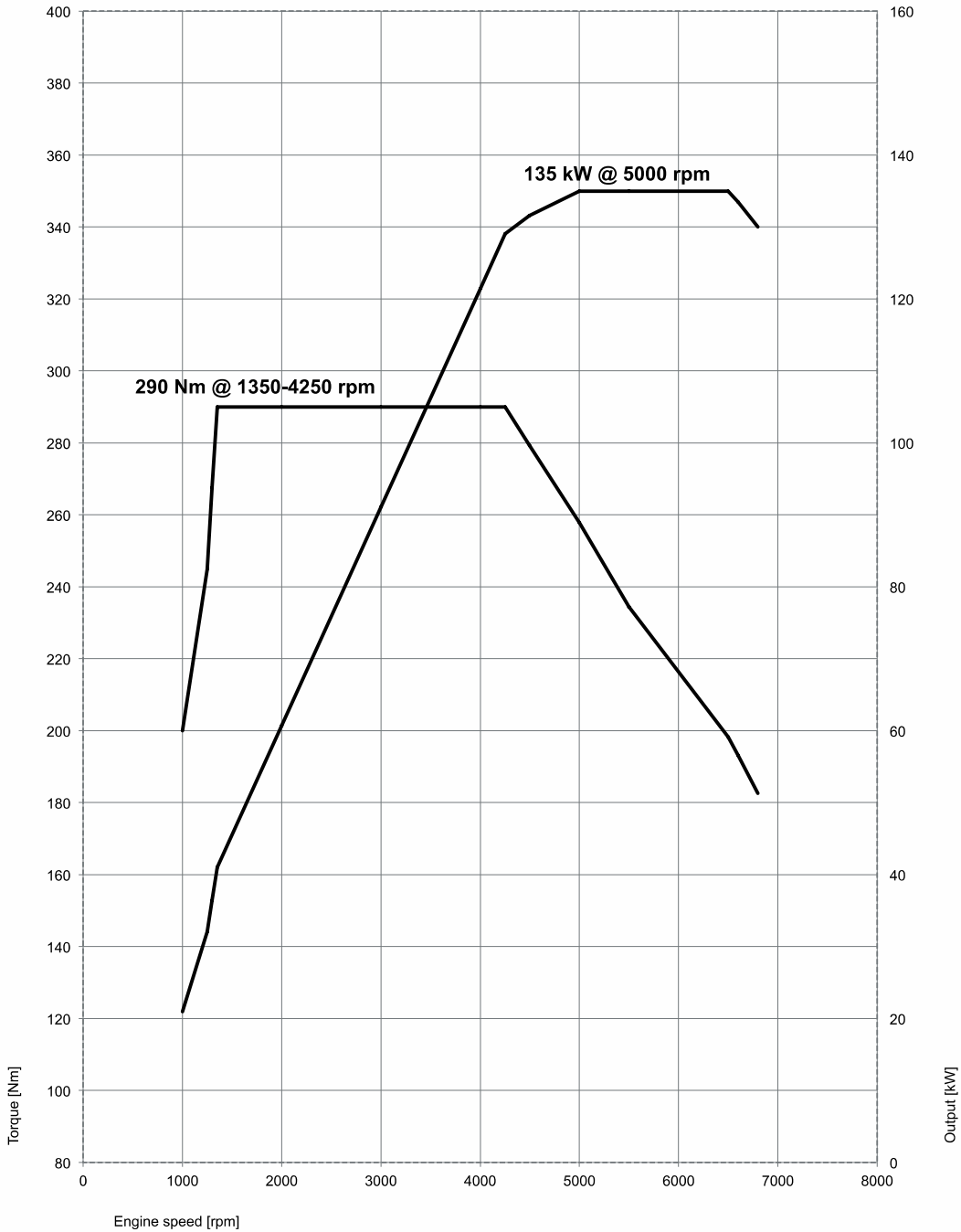
| BMW 430d xDrive Gran Coupe   |  |  | BMW 435d xDrive Gran Coupe |       |       |
|--|--|--|----------------------------|-------|-------|
| Transmission   |  |  |                            |       |       |
| Type of transmission   |  |  | 8-speed Steptronic         |       |       |
| Gear ratios  |  | I  | :1                         | 4.714 | 4.714 |
|  |  | II   | :1                         | 3.143 | 3.143 |
|  |  | III  | :1                         | 2.106 | 2.106 |
|  |  | IV   | :1                         | 1.667 | 1.667 |
|  |  | V  | :1                         | 1.285 | 1.285 |
|  |  | VI   | :1                         | 1.000 | 1.000 |
|  |  | VII  | :1                         | 0.839 | 0.839 |
|  |  | VIII   | :1                         | 0.667 | 0.667 |
|  |  | R  | :1                         | 3.317 | 3.317 |
| Final drive  |  |  | :1                         | 2.563 | 2.563 |
| Performance  |  |  |                            |       |       |
| Power-to-weight ratio (DIN)  |  | kg/kW  |                            | 8.8   | 7.4   |
| Output per litre   |  | kW/l   |                            | 63.5  | 76.8  |
| Acceleration 0–100 km/h  |  | s  |                            | 5.3   | 4.8   |
| Top speed  |  | km/h   |                            | 250   | 250   |
| BMW EfficientDynamics  |  |  |                            |       |       |
| BMW EfficientDynamics standard features  |  | Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, ECO PRO mode with coasting function, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, rear differential with optimised warm-up behaviour, tyres with reduced rolling resistance |                            |       |       |
| Fuel Consumption EU <sup>2)</sup>  |  |  |                            |       |       |
| With standard wheels and tyres   |  |  |                            |       |       |
| urban  |  | l/100 km   |                            | 6.2   | 6.7   |
| inter-urban  |  | l/100 km   |                            | 4.9   | 4.9   |
| combined   |  | l/100 km   |                            | 5.3   | 5.6   |
| CO <sub>2</sub>  |  | g/km   |                            | 140   | 146   |
| With 8J x 18 wheels and 225/45 R18 tyres / with winter tyres, with 8J x 18 wheels (front), 8.5J x 18 (rear) and 225/45 R18 tyres (front), 255/40 R18 (rear), with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear) |  |  |                            |       |       |
| urban  |  | l/100 km   |                            | 6.4   | 6.7   |
| inter-urban  |  | l/100 km   |                            | 5.0   | 5.1   |
| combined   |  | l/100 km   |                            | 5.5   | 5.7   |
| CO <sub>2</sub>  |  | g/km   |                            | 145   | 150   |
| Emission rating  |  |  |                            | EU6   | EU6   |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

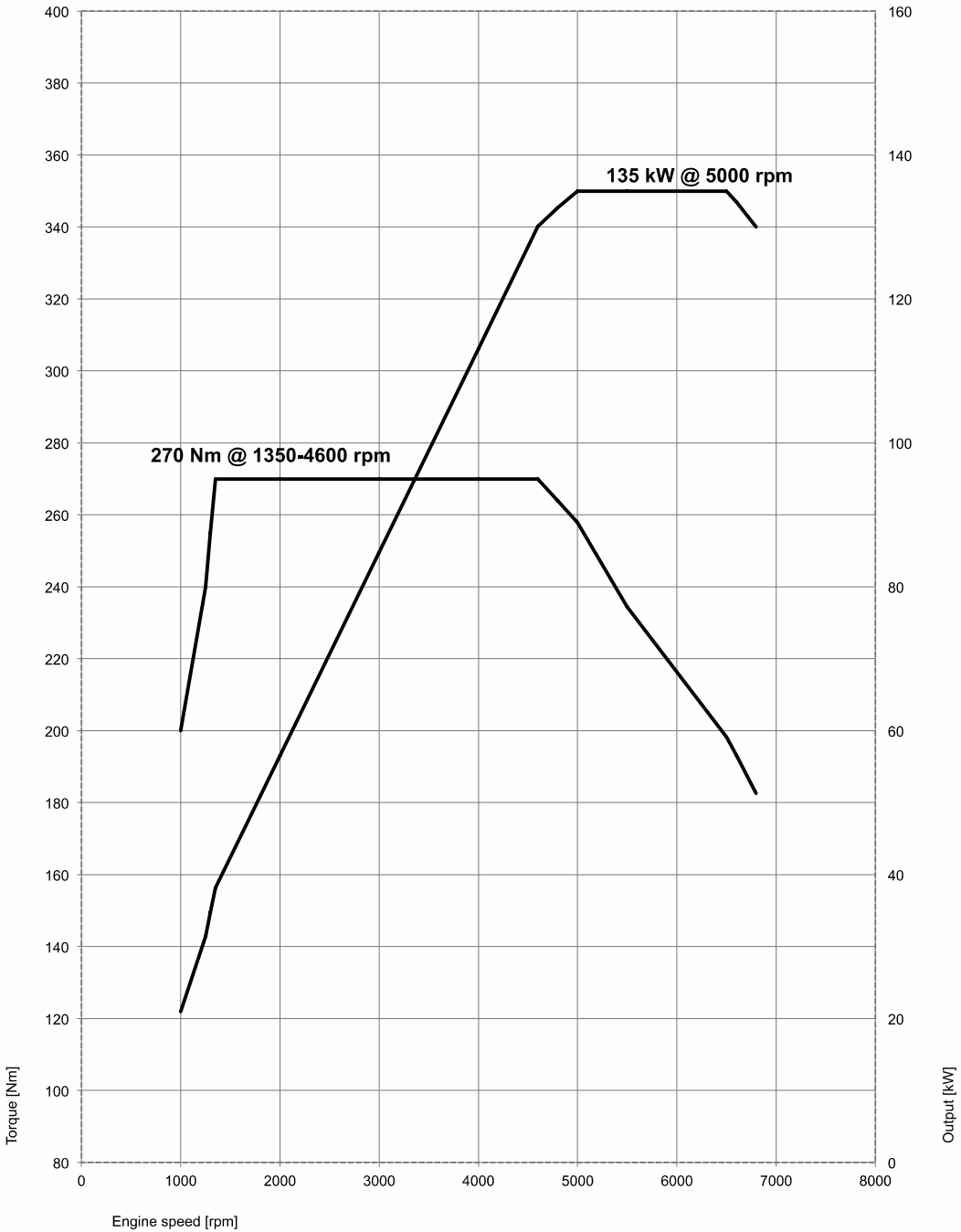
<sup>1)</sup> Oil change

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

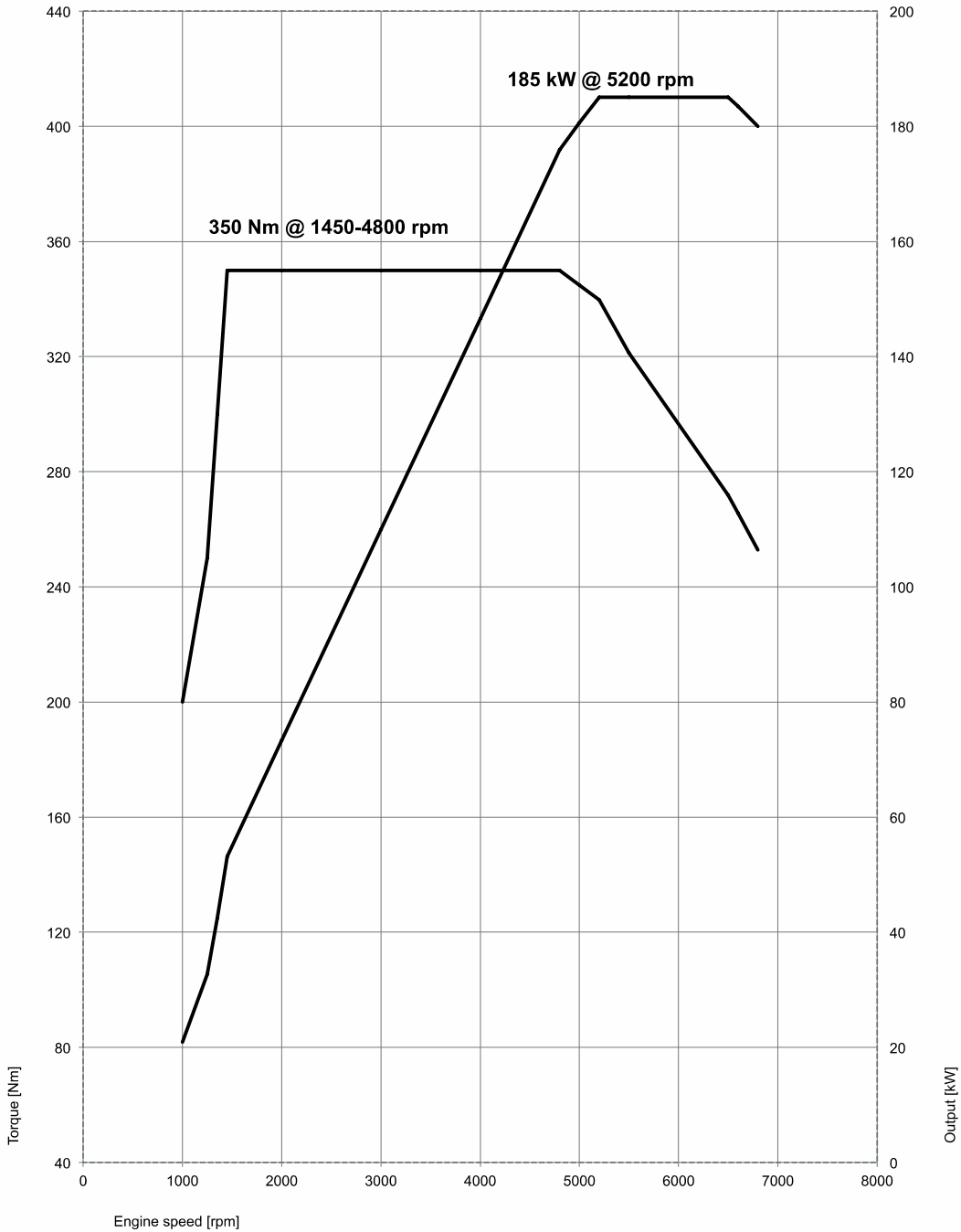
# Output and torque diagrams. BMW 420i.



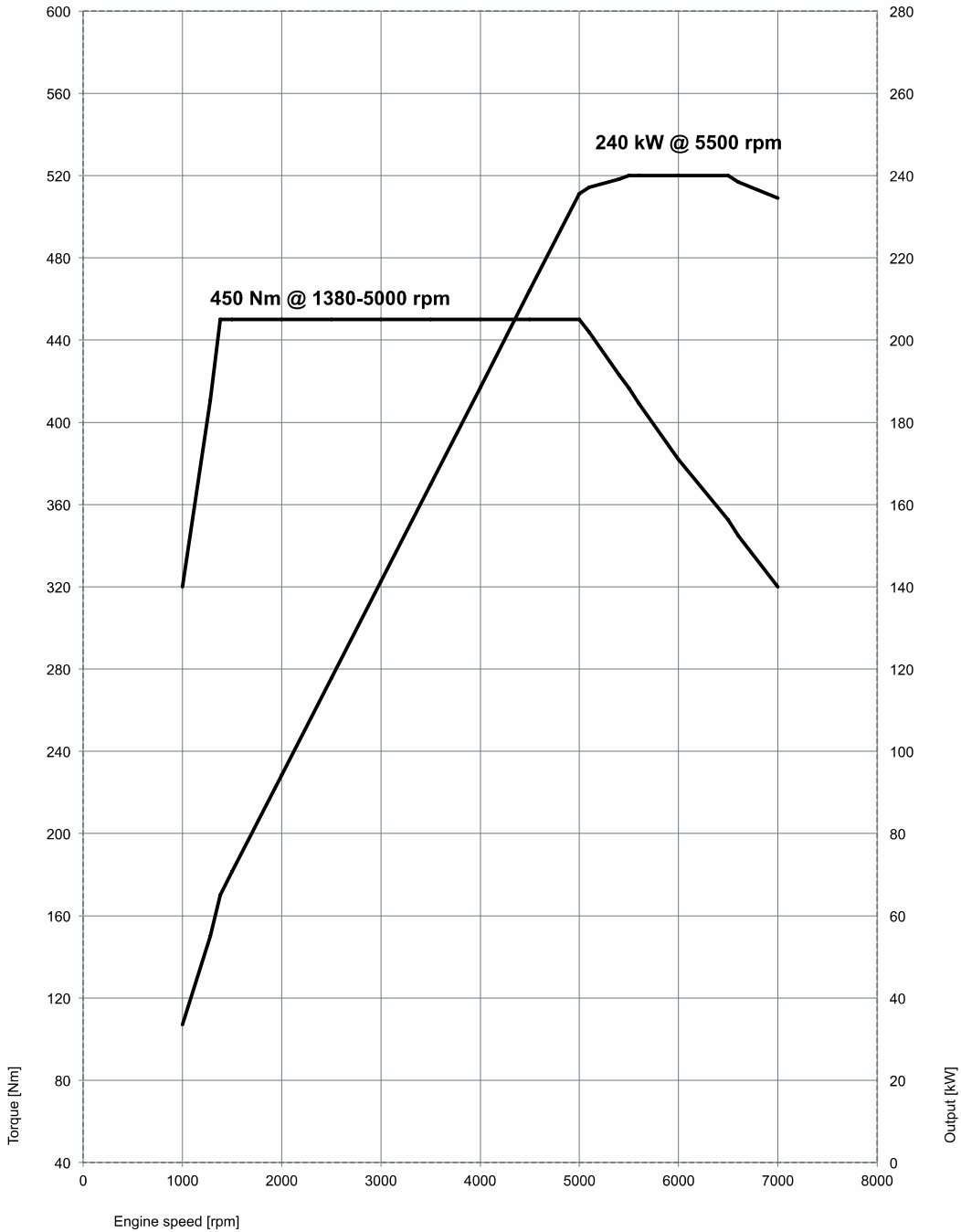
# BMW 420i xDrive.



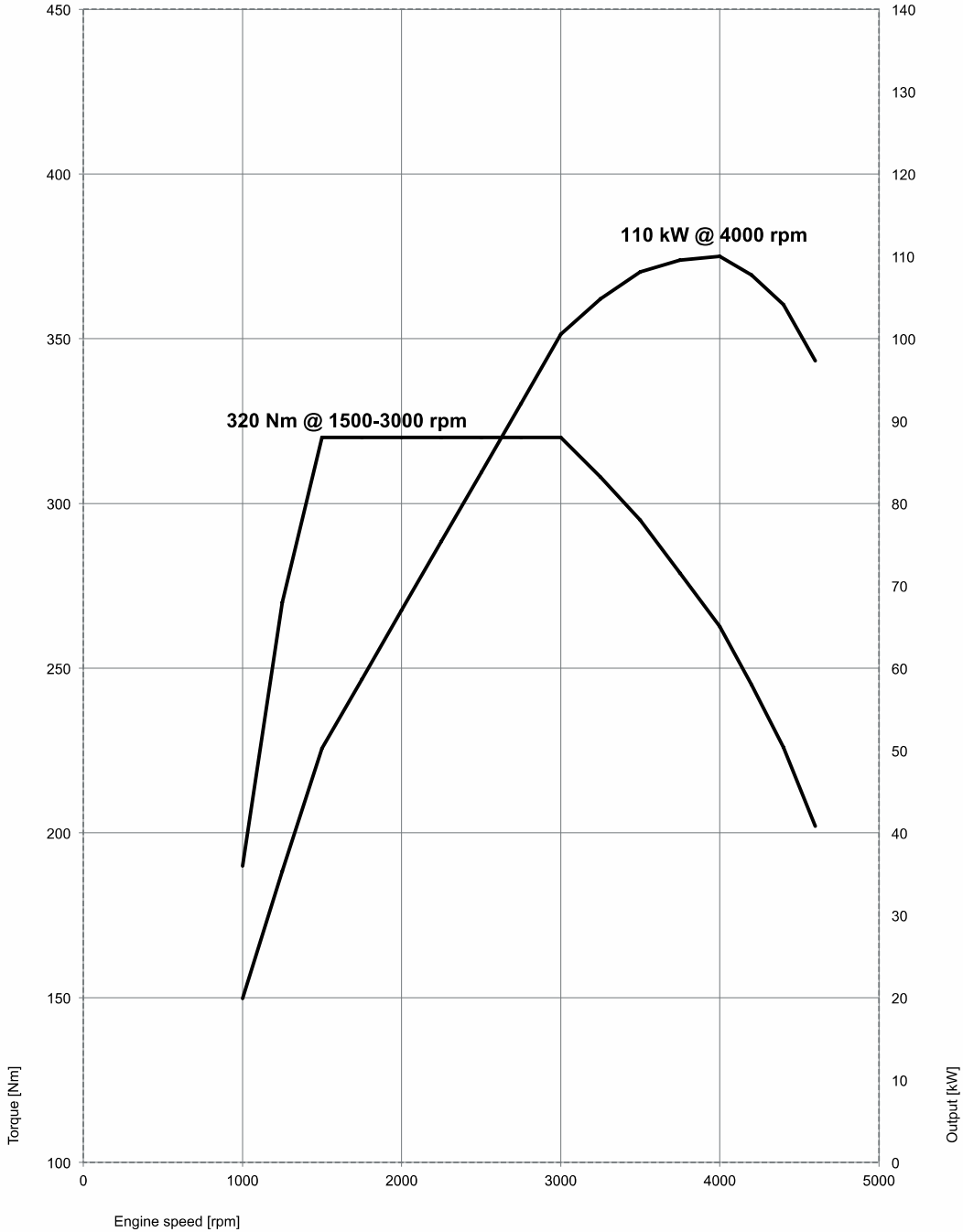
BMW 430i, 430i xDrive.



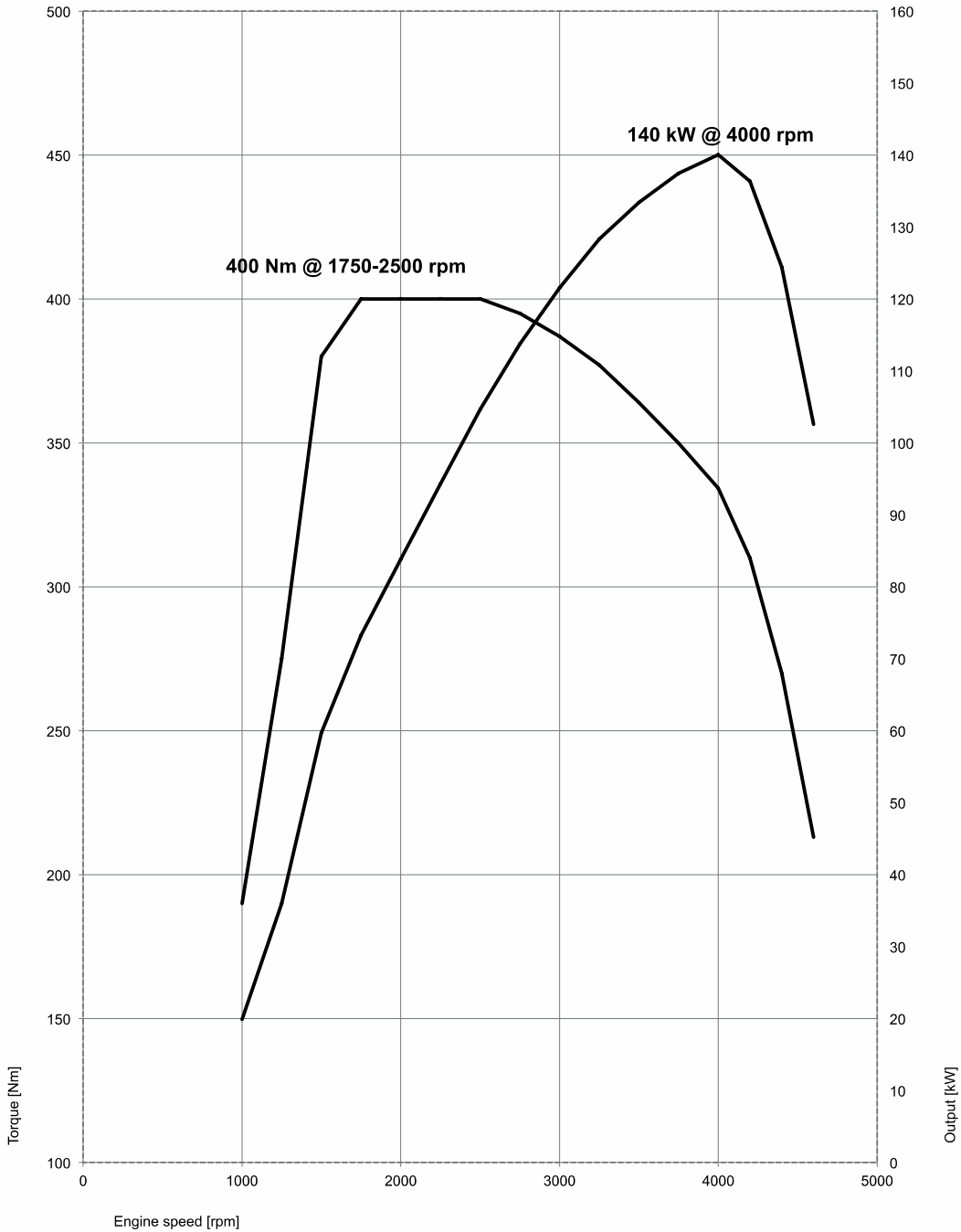
# BMW 440i, 440i xDrive.



# BMW 418d.

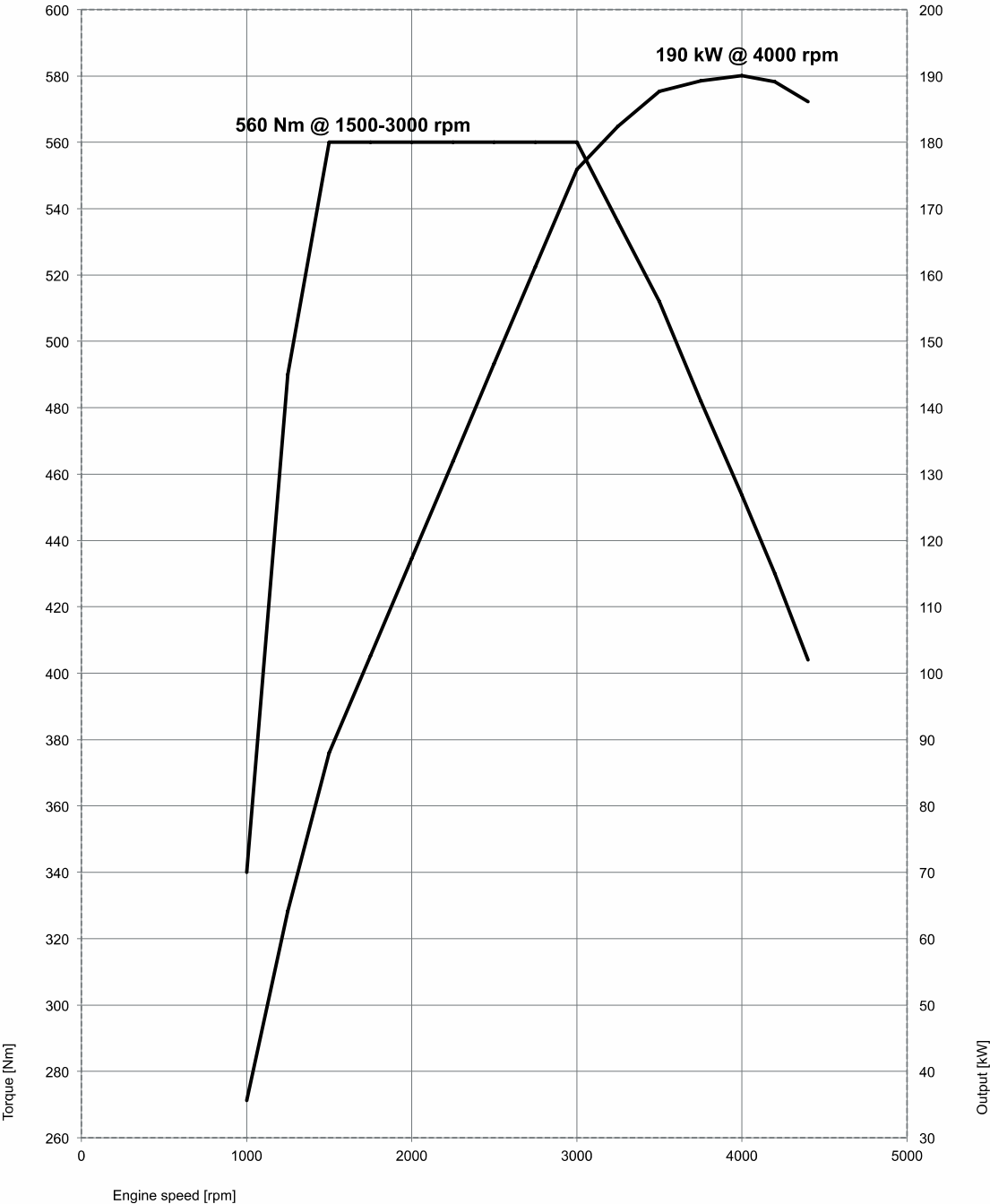


BMW 420d, 420d xDrive.

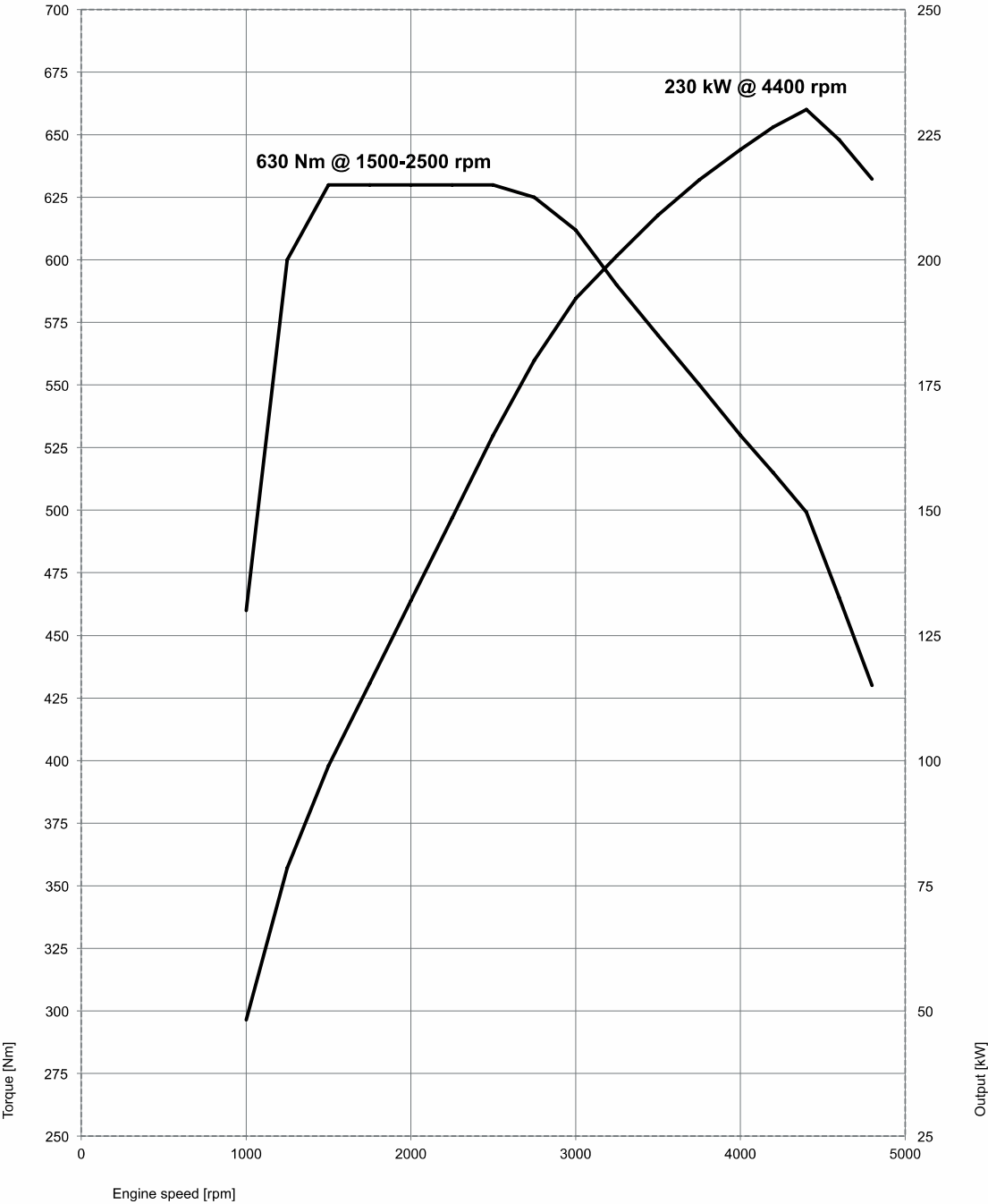




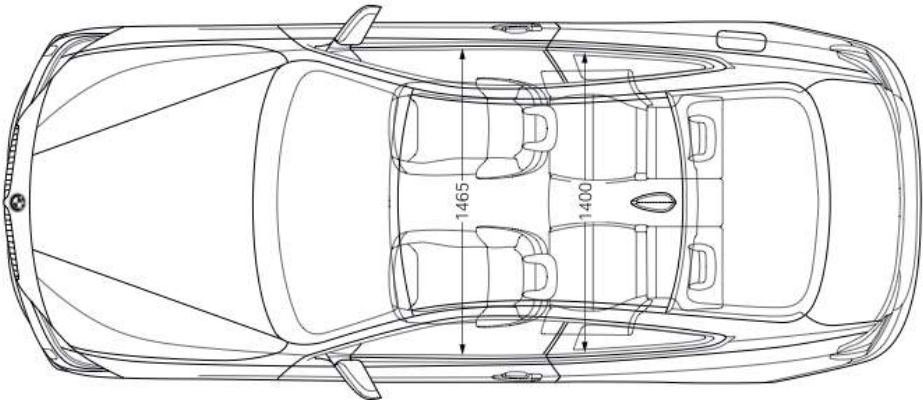
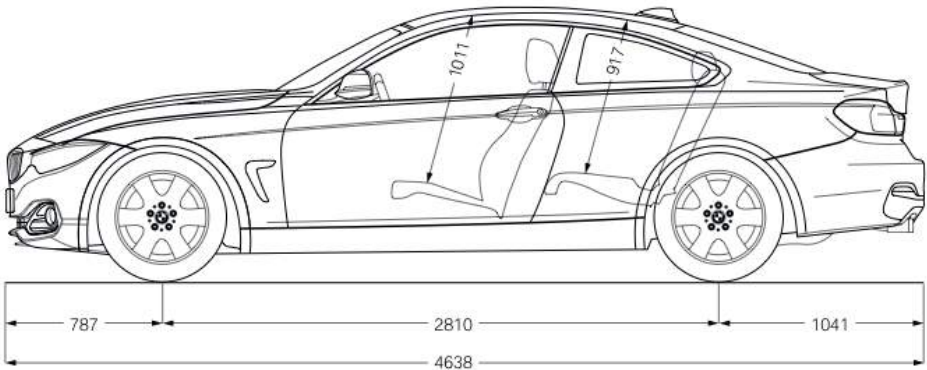
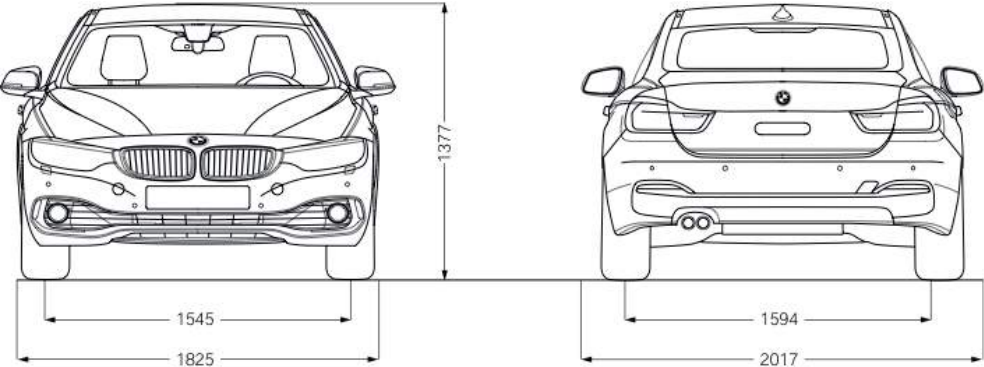
# BMW 430d, 430d xDrive.



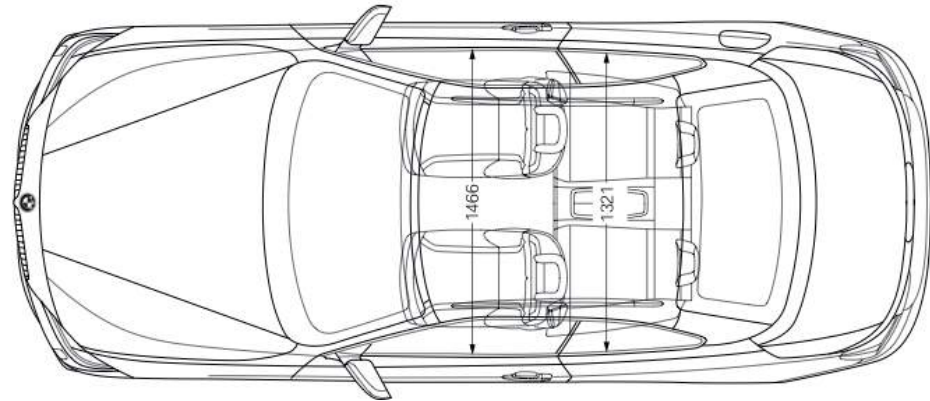
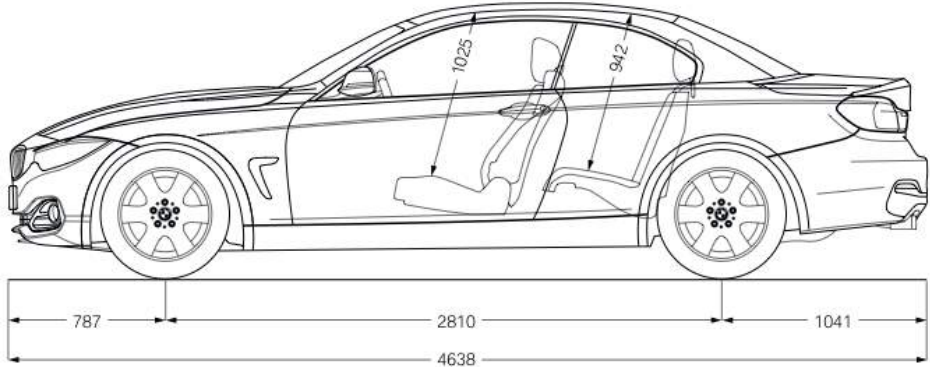
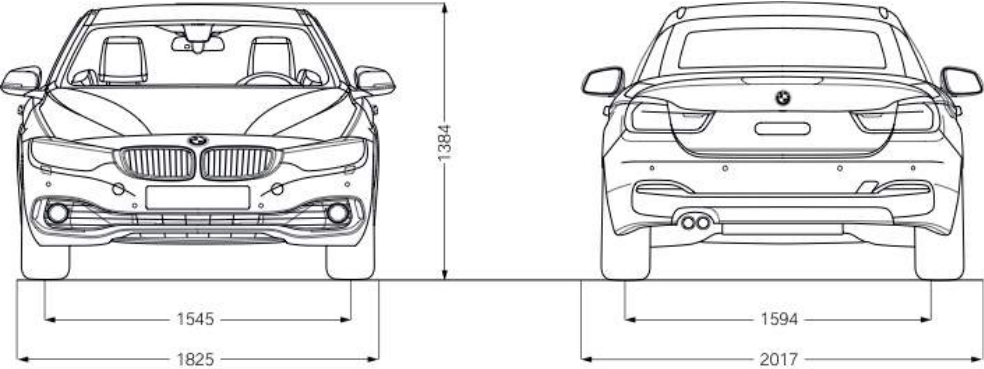
BMW 435d xDrive.



# Exterior and interior dimensions. BMW 4 Series Coupe.



# BMW 4 Series Convertible.



# BMW 4 Series Gran Coupe.

