

Technical specifications.

BMW 4 Series Coupe.

420i.



BMW 420i Coupe		
Body		
No of doors/seats		2 / 4
Length/width/height ¹⁾ (unladen)	mm	4768 / 1852 / 1383
Wheelbase	mm	2851
Track, front/rear	mm	1575 / 1611
Ground clearance	mm	127
Turning circle	m	11.4
Fuel tank capacity	approx. l	59
Engine oil ²⁾	l	5.25
Weight, unladen, to DIN/EU	kg	1525 / 1600
Max load to DIN	kg	490
Max permissible weight	kg	2015
Max axle load, front/rear	kg	970 / 1120
Max trailer load		
braked (12%/unbraked)	kg	1600 / 750
Max roofload/max towbar		
download	kg	75 / 75
Luggage comp capacity	l	440
Air resistance	C _d x A	0.25 x 2.19
Power Unit		
Config/No of cyls/valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: TwinScroll turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
Effective capacity	cc	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min. RON 91
Max output	kW/hp	135 / 184
at	rpm	5000 – 6500
Max torque	Nm	300
at	rpm	1350 – 4000
Electrical System		
Battery/installation	Ah/-	80 / luggage compartment
Driving Dynamics and Safety		
Suspension, front		Double-joint spring strut axle in lightweight aluminium-steel construction, hydraulically damped torque strut bearing
Suspension, rear		Five-link axle in lightweight aluminium-steel construction
Brakes, front		Vented disc brakes, with single-piston floating callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant; optional: M Sport suspension, Adaptive M suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger with combined head airbags, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS) with Servotronic function, optional: variable sport steering
Steering ratio, overall	:1	14.1
Tyres, front/rear		225/50 R17 98Y XL
Rims, front/rear		7.5J x 17 light-alloy

BMW 420i Coupe

Transmission

Type of transmission	Eight-speed Steptronic transmission		
Gear ratios	I	:1	5.250
	II	:1	3.360
	III	:1	2.172
	IV	:1	1.720
	V	:1	1.316
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Final drive		:1	2.813

Performance

Power-to-weight ratio (DIN)	kg/kW	11.3
Output per litre	kW/l	67.6
Acceleration 0–100 km/h	s	7.5
Top speed	km/h	240

BMW EfficientDynamics

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering, Auto Start Stop function, Optimum Shift Indicator, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance
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Fuel Consumption ECE

Urban (NEDC)	l/100 km	7.2 – 6.6
Extra-urban (NEDC)	l/100 km	5.0 – 4.6
Combined (NEDC)	l/100 km	5.8 – 5.3
Combined (WLTP)	l/100 km	7.1 – 6.3
CO ₂ (NEDC)	g/km	132 – 122
CO ₂ (WLTP)	g/km	161 – 143
Emission rating		Euro 6d

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

- ¹⁾ Height including roof aerial
- ²⁾ Oil change volume

Fuel consumption, CO₂ emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO₂ emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at www.bmw.com/wltp.

BMW 4 Series Coupe. 430i.

BMW 430i Coupe		
Body		
No of doors/seats		2 / 4
Length/width/height ¹⁾ (unladen)	mm	4768 / 1852 / 1383
Wheelbase	mm	2851
Track, front/rear	mm	1575 / 1611
Ground clearance	mm	127
Turning circle	m	11.4
Fuel tank capacity	approx. l	59
Engine oil ²⁾	l	5.25
Weight, unladen, to DIN/EU	kg	1545 / 1620
Max load to DIN	kg	485
Max permissible weight	kg	2030
Max axle load, front/rear	kg	980 / 1120
Max trailer load		
braked (12%/unbraked)	kg	1600 / 750
Max roofload/max towbar		
download	kg	75 / 75
Luggage comp capacity	l	440
Air resistance	C _d x A	0.25 x 2.19
Power Unit		
Config/No of cyls/valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: TwinScroll turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
Effective capacity	cc	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	10.2
Fuel		min. RON 91
Max output	kW/hp	190 / 258
at	rpm	5000 – 6500
Max torque	Nm	400
at	rpm	1550 – 4400
Electrical System		
Battery/installation	Ah/-	80 / luggage compartment
Driving Dynamics and Safety		
Suspension, front		Double-joint spring strut axle in lightweight aluminium-steel construction, hydraulically damped torque strut bearing
Suspension, rear		Five-link axle in lightweight aluminium-steel construction
Brakes, front		Vented disc brakes, with single-piston floating callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant; optional: M Sport suspension, Adaptive M suspension, M Sport differential
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger with combined head airbags, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS) with Servotronic function, optional: variable sport steering
Steering ratio, overall	:1	14.1
Tyres, front/rear		225/50 R17 98Y XL
Rims, front/rear		7.5J x 17 light-alloy

BMW 430i Coupe

Transmission

Type of transmission	Eight-speed Steptronic transmission		
Gear ratios	I	:1	5.250
	II	:1	3.360
	III	:1	2.172
	IV	:1	1.720
	V	:1	1.316
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Final drive		:1	3.154

Performance

Power-to-weight ratio (DIN)	kg/kW	8.1
Output per litre	kW/l	95.1
Acceleration 0–100 km/h	s	5.8
Top speed	km/h	250

BMW EfficientDynamics

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering, Auto Start Stop function, Optimum Shift Indicator, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance
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Fuel Consumption ECE

Urban (NEDC)	l/100 km	7.7 – 7.3
Extra-urban (NEDC)	l/100 km	5.3 – 4.8
Combined (NEDC)	l/100 km	6.1 – 5.7
Combined (WLTP)	l/100 km	7.4 – 6.6
CO ₂ (NEDC)	g/km	141 – 131
CO ₂ (WLTP)	g/km	168 – 150
Emission rating		Euro 6d

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

- ¹⁾ Height including roof aerial
- ²⁾ Oil change volume

Fuel consumption, CO₂ emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO₂ emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at www.bmw.com/wltp.

BMW 4 Series Coupe. M440i xDrive.

BMW M440i xDrive Coupe		
Body		
No of doors/seats		2 / 4
Length/width/height ¹⁾ (unladen)	mm	4770 / 1852 / 1393
Wheelbase	mm	2851
Track, front/rear	mm	1575 / 1611
Ground clearance	mm	129
Turning circle	m	12.0
Fuel tank capacity	approx. l	59
Engine oil ²⁾	l	7.2
Weight, unladen, to DIN/EU	kg	1740 / 1815
Max load to DIN	kg	505
Max permissible weight	kg	2245
Max axle load, front/rear	kg	1110 / 11900
Max trailer load braked (12%/unbraked)	kg	1800 / 750
Max roofload/max towbar download	kg	75 / 75
Luggage comp capacity	l	440
Air resistance	C _d x A	0.28 x 2.19
Power Unit		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: TwinScroll turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
Effective capacity	cc	2998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	10.2
Fuel		min. RON 91
Max output	kW/hp	275 / 374
at	rpm	5500 – 6500
Max torque	Nm	500
at	rpm	1900 – 5000
48V mild hybrid technology		
Max output	kW/hp	8 / 11
Electrical System		
12V battery/installation	Ah/-	80 / luggage compartment
48V battery/installation	Ah/-	11 / engine compartment
Driving Dynamics and Safety		
Suspension, front		Double-joint spring strut axle in lightweight aluminium-steel construction, hydraulically damped torque strut bearing
Suspension, rear		Five-link axle in lightweight aluminium-steel construction
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant, all-wheel-drive system xDrive linked with DSC, M Sport suspension, M Sport differential; optional: Adaptive M suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger with combined head airbags, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS), variable sport steering with Servotronic function
Steering ratio, overall	:1	13.6
Tyres, front/rear		225/45 R18 95Y XL 255/40 R18 99Y XL
Rims, front/rear		7.5J x 18 light-alloy/ 8.5J x 18 light-alloy

BMW M440i xDrive Coupe

Transmission

Type of transmission	Eight-speed Steptronic transmission		
Gear ratios	I	:1	5.250
	II	:1	3.360
	III	:1	2.172
	IV	:1	1.720
	V	:1	1.316
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Final drive		:1	2.813

Performance

Power-to-weight ratio (DIN)	kg/kW	6.3
Output per litre	kW/l	91.7
Acceleration 0–100 km/h	s	4.5
Top speed	km/h	250

BMW EfficientDynamics

BMW EfficientDynamics standard features	Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance
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Fuel Consumption ECE

Urban (NEDC)	l/100 km	9.0 – 8.6
Extra-urban (NEDC)	l/100 km	6.0 – 5.7
Combined (NEDC)	l/100 km	7.1 – 6.8
Combined (WLTP)	l/100 km	8.1 – 7.4
CO ₂ (NEDC)	g/km	163 – 155
CO ₂ (WLTP)	g/km	186 – 170
Emission rating		Euro 6d

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

- ¹⁾ Height including roof aerial
²⁾ Oil change volume

Fuel consumption, CO₂ emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO₂ emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at www.bmw.com/wltp.

BMW 4 Series Coupe. 420d.

BMW 420d Coupe		
Body		
No of doors/seats		2 / 4
Length/width/height ¹⁾ (unladen)	mm	4768 / 1852 / 1383
Wheelbase	mm	2851
Track, front/rear	mm	1575 / 1611
Ground clearance	mm	127
Turning circle	m	11.4
Fuel tank capacity	approx. l	59
Engine oil ²⁾	l	5.5
Weight, unladen, to DIN/EU	kg	1605 / 1680
Max load to DIN	kg	490
Max permissible weight	kg	2095
Max axle load, front/rear	kg	1020 / 1160
Max trailer load		
braked (12%/unbraked)	kg	1600 / 750
Max roofload/max towbar download	kg	75 / 75
Luggage comp capacity	l	440
Air resistance	C _d x A	0.25 x 2.19
Power Unit		
Config/No of cyls/valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, low-pressure turbocharger with variable inlet geometry, common-rail direct injection with solenoid injectors (max. injection pressure: 2500 bar)
Effective capacity	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	400
at	rpm	1750 – 2500
48V mild hybrid technology		
Max output	kW/hp	8 / 11
Electrical System		
12V battery/installation	Ah/-	70 / luggage compartment
48V battery/installation	Ah/-	11 / engine compartment
Driving Dynamics and Safety		
Suspension, front		Double-joint spring strut axle in lightweight aluminium-steel construction, hydraulically damped torque strut bearing
Suspension, rear		Five-link axle in lightweight aluminium-steel construction
Brakes, front		Vented disc brakes, with single-piston floating callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant; optional: M Sport suspension, Adaptive M suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger with combined head airbags, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS) with Servotronic function, optional: variable sport steering
Steering ratio, overall	:1	14.1
Tyres, front/rear		225/50 R17 98Y XL
Rims, front/rear		7.5J x 17 light-alloy

BMW 420d Coupe

Transmission

Type of transmission	Eight-speed Steptronic transmission		
Gear ratios	I	:1	5.250
	II	:1	3.360
	III	:1	2.172
	IV	:1	1.720
	V	:1	1.316
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Final drive		:1	2.813

Performance

Power-to-weight ratio (DIN)	kg/kW	11.5
Output per litre	kW/l	70.2
Acceleration 0–100 km/h	s	7.1
Top speed	km/h	240

BMW EfficientDynamics

BMW EfficientDynamics standard features	Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter
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Fuel Consumption ECE

Urban (NEDC)	l/100 km	4.9 – 4.5
Extra-urban (NEDC)	l/100 km	3.9 – 3.6
Combined (NEDC)	l/100 km	4.2 – 3.9
Combined (WLTP)	l/100 km	5.2 – 4.5
CO ₂ (NEDC)	g/km	112 – 103
CO ₂ (WLTP)	g/km	137 – 118
Emission rating		Euro 6d

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

- ¹⁾ Height including roof aerial
²⁾ Oil change volume

Fuel consumption, CO₂ emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO₂ emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at www.bmw.com/wltp.

BMW 4 Series Coupe. 420d xDrive.

BMW 420d xDrive Coupe		
Body		
No of doors/seats		2 / 4
Length/width/height ¹⁾ (unladen)	mm	4768 / 1852 / 1390
Wheelbase	mm	2851
Track, front/rear	mm	1575 / 1611
Ground clearance	mm	126
Turning circle	m	12.0
Fuel tank capacity	approx. l	59
Engine oil ²⁾	l	5.5
Weight, unladen, to DIN/EU	kg	1670 / 1745
Max load to DIN	kg	495
Max permissible weight	kg	2165
Max axle load, front/rear	kg	1070 / 1170
Max trailer load		
braked (12%/unbraked)	kg	1800 / 750
Max roofload/max towbar download	kg	75 / 75
Luggage comp capacity	l	440
Air resistance	C _d x A	0.25 x 2.19
Power Unit		
Config/No of cyls/valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, low-pressure turbocharger with variable inlet geometry, common-rail direct injection with solenoid injectors (max. injection pressure: 2500 bar)
Effective capacity	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	400
at	rpm	1750 – 2500
48V mild hybrid technology		
Max output	kW/hp	8 / 11
Electrical System		
12V battery/installation	Ah/-	70 / luggage compartment
48V battery/installation	Ah/-	11 / engine compartment
Driving Dynamics and Safety		
Suspension, front		Double-joint spring strut axle in lightweight aluminium-steel construction, hydraulically damped torque strut bearing
Suspension, rear		Five-link axle in lightweight aluminium-steel construction
Brakes, front		Vented disc brakes, with single-piston floating callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant; all-wheel-drive system xDrive linked with DSC, optional: M Sport suspension, Adaptive M suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger with combined head airbags, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS) with Servotronic function, optional: variable sport steering
Steering ratio, overall	:1	14.9
Tyres, front/rear		225/50 R17 98Y XL
Rims, front/rear		7.5J x 17 light-alloy

BMW 420d xDrive Coupe

Transmission

Type of transmission	Eight-speed Steptronic transmission		
Gear ratios	I	:1	5.250
	II	:1	3.360
	III	:1	2.172
	IV	:1	1.720
	V	:1	1.316
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Final drive		:1	2.813

Performance

Power-to-weight ratio (DIN)	kg/kW	11.9
Output per litre	kW/l	70.2
Acceleration 0–100 km/h	s	7.4
Top speed	km/h	238

BMW EfficientDynamics

BMW EfficientDynamics standard features	Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter
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Fuel Consumption ECE

Urban (NEDC)	l/100 km	5.2 – 4.8
Extra-urban (NEDC)	l/100 km	4.2 – 4.0
Combined (NEDC)	l/100 km	4.6 – 4.3
Combined (WLTP)	l/100 km	5.5 – 4.8
CO ₂ (NEDC)	g/km	121 – 112
CO ₂ (WLTP)	g/km	145 – 126
Emission rating		Euro 6d

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

- ¹⁾ Height including roof aerial
- ²⁾ Oil change volume

Fuel consumption, CO₂ emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO₂ emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at www.bmw.com/wltp.

BMW 4 Series Coupe. 430d xDrive.

BMW 430d xDrive Coupe		
Body		
No of doors/seats		2 / 4
Length/width/height ¹⁾ (unladen)	mm	4768 / 1852 / 1390
Wheelbase	mm	2851
Track, front/rear	mm	1575 / 1611
Ground clearance	mm	126
Turning circle	m	12.0
Fuel tank capacity	approx. l	59
Engine oil ²⁾	l	7.0
Weight, unladen, to DIN/EU	kg	1780 / 1855
Max load to DIN	kg	505
Max permissible weight	kg	2285
Max axle load, front/rear	kg	1150 / 1200
Max trailer load		
braked (12%/unbraked)	kg	1800 / 750
Max roofload/max towbar		
download	kg	75 / 75
Luggage comp capacity	l	440
Air resistance	C _d x A	0.25 x 2.19
Power Unit		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, low-pressure turbocharger with variable inlet geometry, common-rail direct injection with piezo injectors (max. injection pressure: 2700 bar)
Effective capacity	cc	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	210 / 286
at	rpm	4000
Max torque	Nm	650
at	rpm	1500 – 2500
48V mild hybrid technology		
Max output	kW/hp	8 / 11
Electrical System		
12V battery/installation	Ah/-	90 / luggage compartment
48V battery/installation	Ah/-	11 / engine compartment
Driving Dynamics and Safety		
Suspension, front		Double-joint spring strut axle in lightweight aluminium-steel construction, hydraulically damped torque strut bearing
Suspension, rear		Five-link axle in lightweight aluminium-steel construction
Brakes, front		Vented disc brakes, with single-piston floating callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant; all-wheel-drive system xDrive linked with DSC, optional: M Sport suspension, Adaptive M suspension, M Sport differential
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger with combined head airbags, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS) with Servotronic function, optional: variable sport steering
Steering ratio, overall	:1	14.9
Tyres, front/rear		225/50 R17 98Y XL
Rims, front/rear		7.5J x 17 light-alloy

BMW 430d xDrive Coupe

Transmission

Type of transmission	Eight-speed Steptronic transmission		
Gear ratios	I	:1	5.500
	II	:1	3.520
	III	:1	2.200
	IV	:1	1.720
	V	:1	1.317
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.993
Final drive		:1	2.563

Performance

Power-to-weight ratio (DIN)	kg/kW	8,5
Output per litre	kW/l	70.2
Acceleration 0–100 km/h	s	5.1
Top speed	km/h	250

BMW EfficientDynamics

BMW EfficientDynamics standard features	Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter
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Fuel Consumption ECE

Urban (NEDC)	l/100 km	6.1 – 5.8
Extra-urban (NEDC)	l/100 km	4.5 – 4.2
Combined (NEDC)	l/100 km	5.1 – 4.8
Combined (WLTP)	l/100 km	5.9 – 5.2
CO ₂ (NEDC)	g/km	134 – 126
CO ₂ (WLTP)	g/km	155 – 137
Emission rating		Euro 6d

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

- ¹⁾ Height including roof aerial
- ²⁾ Oil change volume

Fuel consumption, CO₂ emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO₂ emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at www.bmw.com/wltp.

BMW 4 Series Coupe. M440d xDrive.

BMW M440d xDrive Coupe		
Body		
No of doors/seats		2 / 4
Length/width/height ¹⁾ (unladen)	mm	4770 / 1852 / 1393
Wheelbase	mm	2851
Track, front/rear	mm	1575 / 1611
Ground clearance	mm	129
Turning circle	m	12.0
Fuel tank capacity	approx. l	59
Engine oil ²⁾	l	7.0
Weight, unladen, to DIN/EU	kg	1830 / 1905
Max load to DIN	kg	510
Max permissible weight	kg	2340
Max axle load, front/rear	kg	1170 / 1225
Max trailer load		
braked (12%/unbraked)	kg	1800 / 750
Max roofload/max towbar		
download	kg	75 / 75
Luggage comp capacity	l	440
Air resistance	C _d x A	0.28 x 2.19
Power Unit		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, high- and low-pressure turbocharger with variable inlet geometry, common-rail direct injection with piezo injectors (max. injection pressure: 2700 bar)
Effective capacity	cc	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	250 / 340
at	rpm	4400
Max torque	Nm	700
at	rpm	1750 – 2250
48V mild hybrid technology		
Max output	kW/hp	8 / 11
Electrical System		
12V battery/installation	Ah/-	90 / luggage compartment
48V battery/installation	Ah/-	11 / engine compartment
Driving Dynamics and Safety		
Suspension, front		Double-joint spring strut axle in lightweight aluminium-steel construction, hydraulically damped torque strut bearing
Suspension, rear		Five-link axle in lightweight aluminium-steel construction
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant; all-wheel-drive system xDrive linked with DSC, M Sport suspension, M Sport differential; optional: Adaptive M suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger with combined head airbags, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS), variable sport steering with Servotronic function
Steering ratio, overall	:1	13.6
Tyres, front/rear		225/45 R18 95Y XL 255/40 R18 99Y XL
Rims, front/rear		7.5J x 18 light-alloy/ 8.5J x 18 light-alloy

BMW M440d xDrive Coupe

Transmission

Type of transmission	Eight-speed Steptronic transmission		
Gear ratios	I	:1	5.500
	II	:1	3.520
	III	:1	2.200
	IV	:1	1.720
	V	:1	1.317
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.993
Final drive		:1	2.563

Performance

Power-to-weight ratio (DIN)	kg/kW	7.3
Output per litre	kW/l	83.5
Acceleration 0–100 km/h	s	4.6
Top speed	km/h	250

BMW EfficientDynamics

BMW EfficientDynamics standard features	Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter
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Fuel Consumption ECE

Urban (NEDC)	l/100 km	7.5 – 6.9
Extra-urban (NEDC)	l/100 km	4.7 – 4.4
Combined (NEDC)	l/100 km	5.7 – 5.3
Combined (WLTP)	l/100 km	6.3 – 5.7
CO ₂ (NEDC)	g/km	149 – 140
CO ₂ (WLTP)	g/km	164 – 150
Emission rating		Euro 6d

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

- ¹⁾ Height including roof aerial
- ²⁾ Oil change volume

Fuel consumption, CO₂ emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO₂ emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at www.bmw.com/wltp.