

# Specifications.

## BMW 2 Series Coupe.

### 218i.



BMW 218i Coupe		
<b>Body</b>		
No. of doors/seats		2 / 4
Length/width/height <sup>1)</sup> (unladen)	mm	4432 / 1774 / 1418
Wheelbase	mm	2690
Track, front/rear	mm	1521 / 1556
Ground clearance	mm	140
Turning circle	m	10.9
Tank capacity	approx. ltr	52
Engine oil <sup>2)</sup>	ltr	5.25
Weight, unladen, to DIN/EU	kg	1415 / 1490 (1435 / 1510)
Max. load to DIN	kg	515 (475)
Max. permissible weight	kg	1930 (1910)
Max. axle load, front/rear	kg	920 / 1075
Max. trailer load, braked (12%/unbraked)	kg	1500 / 745 (750)
Max. roof load/towbar download	kg	75 / 75
Luggage comp. capacity	ltr	390
Air resistance	C <sub>d</sub> x A	0.29 x 2.14
<b>Engine</b>		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
Effective capacity	cm <sup>3</sup>	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min RON 91
Output	kW/hp	100 / 136
at	rpm	4400 – 6000
Torque	Nm	220
at	rpm	1350 – 4300
<b>Electrical System</b>		
Battery/Installation	Ah/–	80 / luggage comp.
<b>Driving Dynamics and Safety</b>		
Suspension, front		Aluminium double-joint spring strut axle
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assistant; optional: M Sport suspension, adaptive suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia- reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator
Steering		Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Variable Sport Steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		205/55 R16 91W
Rims, front/rear		7J x 16 light-alloy

BMW 218i Coupe			
Transmission			
Type of gearbox		6-speed manual (8-speed Steptronic transmission)	
Gear ratios	I	:1	4.002 (5.000)
	II	:1	2.130 (3.200)
	III	:1	1.395 (2.143)
	IV	:1	1.000 (1.720)
	V	:1	0.780 (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	2.813 (3.077)
Performance			
Power-to-weight ratio (DIN)		kg/kW	14.2 (14.4)
Output per litre		kW/l	50.0
Acceleration	0–100 km/h	s	8.8 (8.9)
in 5 <sup>th</sup> gear	80–120 km/h	s	11.2 (–)
Top speed		km/h	210 (210)
BMW EfficientDynamics			
BMW EfficientDynamics standard features		Brake Energy Regeneration with recuperation display, EPS (Electric Power Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function (automatic), BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance	
Fuel consumption EU cycle			
Urban (NEDC)	ltr/100 km		9.2 – 9.1 (7.4 – 7.3)
Extra-urban (NEDC)	ltr/100 km		5.7 – 5.5 (5.3 – 5.2)
Combined (NEDC)	ltr/100 km		7.0 – 6.8 (6.1 – 6.0)
Combined (WLTP)	ltr/100 km		7.7 – 7.2 (7.6 – 7.1)
CO <sub>2</sub> (NEDC)	g/km		160 – 157 (140 – 137)
CO <sub>2</sub> (WLTP)	g/km		176 – 164 (174 – 162)
Emission rating		Euro 6d	

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

- <sup>1)</sup> Height including roof aerial  
<sup>2)</sup> Oil change volume

Fuel consumption, CO<sub>2</sub> 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 CO<sub>2</sub> 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](http://www.bmw.com/wltp).

# BMW 2 Series Coupe. 220i.

BMW 220i Coupe		
<b>Body</b>		
No. of doors/seats		2 / 4
Length/width/height <sup>1)</sup> (unladen)	mm	4432 / 1774 / 1418
Wheelbase	mm	2690
Track, front/rear	mm	1521 / 1556
Ground clearance	mm	140
Turning circle	m	10.9
Tank capacity	approx. ltr	52
Engine oil <sup>2)</sup>	ltr	5.25
Weight, unladen, to DIN/EU	kg	1440 / 1515
Max. load to DIN	kg	470
Max. permissible weight	kg	1910
Max. axle load, front/rear	kg	920 / 1075
Max. trailer load, braked (12%/unbraked)	kg	1500 / 750
Max. roof load/towbar download	kg	75 / 75
Luggage comp. capacity	ltr	390
Air resistance	C <sub>d</sub> x A	0.28 x 2.14
<b>Engine</b>		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: twin scroll turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
Effective capacity	cm <sup>3</sup>	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min RON 91
Output	kW/hp	135 / 184
at	rpm	5000 – 6500
Torque	Nm	270
at	rpm	1350 – 4600
<b>Electrical System</b>		
Battery/Installation	Ah/–	80 / luggage comp.
<b>Driving Dynamics and Safety</b>		
Suspension, front		Aluminium double-joint spring strut axle
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assistant; optional: M Sport suspension, adaptive suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia- reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator
Steering		Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Variable Sport Steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		205/55 R16 91W
Rims, front/rear		7J x 16 light-alloy

BMW 220i Coupe			
Transmission			
Type of gearbox		8-speed Steptronic transmission	
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		10.7
Output per litre	kW/l		67.6
Acceleration 0–100 km/h	s		7.2
Top speed	km/h		230
BMW EfficientDynamics			
BMW EfficientDynamics standard features		Brake Energy Regeneration with recuperation display, EPS (Electric Power Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance	
Fuel consumption EU cycle			
Urban (NEDC)	ltr/100 km		7.5 – 7.4
Extra-urban (NEDC)	ltr/100 km		5.2 – 5.0
Combined (NEDC)	ltr/100 km		6.0 – 5.9
Combined (WLTP)	ltr/100 km		7.6 – 7.1
CO <sub>2</sub> (NEDC)	g/km		139 – 136
CO <sub>2</sub> (WLTP)	g/km		174 – 161
Emission rating			Euro 6d

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

<sup>1)</sup> Height including roof aerial

<sup>2)</sup> Oil change volume

Fuel consumption, CO<sub>2</sub> 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 CO<sub>2</sub> 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](http://www.bmw.com/wltp).

# BMW 2 Series Coupe. 230i.

BMW 230i Coupe		
<b>Body</b>		
No. of doors/seats		2 / 4
Length/width/height <sup>1)</sup> (unladen)	mm	4432 / 1774 / 1418
Wheelbase	mm	2690
Track, front/rear	mm	1521 / 1556
Ground clearance	mm	140
Turning circle	m	10.9
Tank capacity	approx. ltr	52
Engine oil <sup>2)</sup>	ltr	5.25
Weight, unladen, to DIN/EU	kg	1465 / 1540
Max. load to DIN	kg	470
Max. permissible weight	kg	1935
Max. axle load, front/rear	kg	920 / 1075
Max. trailer load, braked (12%/unbraked)	kg	1500 / 750
Max. roof load/towbar download	kg	75 / 75
Luggage comp. capacity	ltr	390
Air resistance	C <sub>d</sub> x A	0.29 x 2.14
<b>Engine</b>		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: twin scroll turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
Effective capacity	cm <sup>3</sup>	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	10.2
Fuel		min RON 91
Output	kW/hp	185 / 252
at	rpm	5200 – 6500
Torque	Nm	350
at	rpm	1450 – 4800
<b>Electrical System</b>		
Battery/Installation	Ah/–	80 / luggage comp.
<b>Driving Dynamics and Safety</b>		
Suspension, front		Aluminium double-joint spring strut axle
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assistant; optional: M Sport suspension, adaptive suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia- reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator
Steering		Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Variable Sport Steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		205/50 R17 89Y
Rims, front/rear		7J x 17 light-alloy

BMW 230i Coupe			
Transmission			
Type of gearbox		8-speed Steptronic Sport transmission	
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	7.9
Output per litre		kW/l	92.6
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, EPS (Electric Power Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance	
Fuel consumption EU cycle			
Urban (NEDC)		ltr/100 km	7.6
Extra-urban (NEDC)		ltr/100 km	5.2
Combined (NEDC)		ltr/100 km	6.1
Combined (WLTP)		ltr/100 km	7.6 – 7.3
CO <sub>2</sub> (NEDC)		g/km	140
CO <sub>2</sub> (WLTP)		g/km	170 – 166
Emission rating			Euro 6d

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

<sup>1)</sup> Height including roof aerial

<sup>2)</sup> Oil change volume

Fuel consumption, CO<sub>2</sub> 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 CO<sub>2</sub> 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](http://www.bmw.com/wltp).

# BMW 2 Series Coupe. M240i.

BMW M240i Coupe		
<b>Body</b>		
No. of doors/seats		2 / 4
Length/width/height <sup>1)</sup> (unladen)	mm	4454 / 1774 / 1408
Wheelbase	mm	2690
Track, front/rear	mm	1516 / 1534
Ground clearance	mm	130
Turning circle	m	10.9
Tank capacity	approx. ltr	52
Engine oil <sup>2)</sup>	ltr	6.5
Weight, unladen, to DIN/EU	kg	1525 / 1600
Max. load to DIN	kg	470
Max. permissible weight	kg	1995
Max. axle load, front/rear	kg	975 / 1075
Max. trailer load, braked (12%/unbraked)	kg	– / –
Max. roof load/towbar download	kg	75 / –
Luggage comp. capacity	ltr	390
Air resistance	C <sub>d</sub> x A	0.32 x 2.14
<b>Engine</b>		
Config./No. of cyls./valves		in-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: twin scroll turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
Effective capacity	cm <sup>3</sup>	2998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min RON 91
Output	kW/hp	250 / 340
at	rpm	5500 – 6500
Torque	Nm	500
at	rpm	1550 – 4500
<b>Electrical System</b>		
Battery/Installation	Ah/–	80 / luggage comp.
<b>Driving Dynamics and Safety</b>		
Suspension, front	Aluminium double-joint spring strut axle with M-specific elastokinematics	
Suspension, rear	Five-link axle in lightweight steel construction with double elastic bearing	
Brakes, front	Four-piston fixed-calliper disc brakes	
Brakes, rear	Two-piston fixed-calliper disc brakes	
Driving stability systems	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assistant, M Sport suspension; optional: adaptive suspension	
Safety equipment	Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia- reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator	
Steering	Electromechanical rack-and-pinion power steering (EPS); Variable Sport Steering	
Steering ratio, overall	:1	14.5
Tyres, front/rear	225/40 ZR18 88Y/ 245/35 ZR 18 92Y XL	
Rims, front/rear	7.5J x 18 light-alloy/ 8J x 18 light-alloy	

BMW M240i Coupe			
Transmission			
Type of gearbox		8-speed Steptronic Sport transmission	
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		6.1
Output per litre	kW/l		83.4
Acceleration	0–100 km/h	s	4.6
Top speed	km/h		250
BMW EfficientDynamics			
BMW EfficientDynamics standard features		Brake Energy Regeneration with recuperation display, EPS (Electric Power Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, differential with optimized-warm-up behaviour	
Fuel consumption EU cycle			
Urban (NEDC)	ltr/100 km		9.6
Extra-urban (NEDC)	ltr/100 km		6.0
Combined (NEDC)	ltr/100 km		7.3
Combined (WLTP)	ltr/100 km		8.4 – 8.2
CO <sub>2</sub> (NEDC)	g/km		168
CO <sub>2</sub> (WLTP)	g/km		191 – 188
Emission rating			Euro 6d

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

<sup>1)</sup> Height including roof aerial

<sup>2)</sup> Oil change volume

Fuel consumption, CO<sub>2</sub> 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 CO<sub>2</sub> 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](http://www.bmw.com/wltp).