

Specifications.

The new BMW 1 Series.

118i.



BMW 118i		
Body		
No of doors/seats		5/5
Length/width/height (unladen)	mm	4319/1799/1434
Wheelbase	mm	2670
Track, front/rear	mm	1565/1565
Ground clearance	mm	153
Turning circle	m	11.4
Fuel tank capacity	approx. l	42
Engine oil ¹⁾	l	4.25
Weight, unladen, to DIN/EU	kg	1290 (1320) / 1365 (1395)
Max load to DIN	kg	555 (550)
Max permissible weight	kg	1845 (1870)
Max axle load, front/rear	kg	980 (1005)/940
Max trailer load, braked (12%)/unbraked	kg	1300/680 (695)
Max roofload/max towbar download	kg	75/75
Luggage comp capacity	l	380–1200
Air resistance	C _d x A	0.26 x 2.19
Power Unit		
Config/No of cyls/valves		In-line/3/4
Engine technology		BMW TwinPower Turbo technology: turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
Effective capacity	cc	1499
Stroke/bore	mm	94.6/82.0
Compression ratio	:1	11.0
Fuel		min. RON 91
Max output	kW/hp	103/140
at	rpm	4200–6500
Max torque	Nm	220
at	rpm	1480–4600
Electrical System		
Battery/installation	Ah/–	60/engine compartment
Driving Dynamics and Safety		
Suspension, front		Single-joint spring strut axle in lightweight aluminium-steel construction
Suspension, rear		Multi-link axle in lightweight steel construction with separate spring and damper configuration
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, ASC and DTC (Dynamic Traction Control), ARB technology (actuator contiguous wheel slip limitation), DBC (Dynamic Brake Control), Dry Braking function, fading compensation, Start-Off Assistant, EDLC (Electronic Differential Lock Control), Performance Control, trailer stability control; optional: M Sport suspension, Adaptive suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, tyre defect indicator
Steering		Electric Power Steering (EPS) with Servotronic function; optional: M Sport steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		205/55 R16 91W 205/55 R16 91W
Rims, front/rear		7J x 16

BMW 118i			
Transmission			
Type of transmission		Six-speed manual (seven-speed Steptronic dual-clutch transmission)	
Gear ratios	I*	:1	3.615 (16.385)
	II*	:1	1.952 (9.664)
	III*	:1	1.179 (6.181)
	IV*	:1	0.853 (4.327)
	V*	:1	0.711 (3.349)
	VI*	:1	0.585 (2.663)
	VII*	:1	- (2.158)
	VIII*	:1	-
	R*	:1	3.538 (14.994)
Final drive		:1	4.118 (3.944)
Performance			
Power-to-weight ratio (DIN)	kg/kW		12.5 (12.8)
Output per litre	kW/l		68.7
Acceleration	0–100 km/h	s	8.5
In 5th gear	80–120 km/h	s	10.6 (-)
Top speed		km/h	213
BMW EfficientDynamics			
BMW EfficientDynamics standard features		Brake Energy Regeneration with recuperation display, Electric Power Steering, Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function (with automatic transmission), intelligent lightweight construction, 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	
Fuel Consumption ECE ²⁾			
Urban	l/100 km		7.0
Extra-urban	l/100 km		4.3
Combined	l/100 km		5.7–5.0
CO ₂	g/km		129–114
Emission rating			EU6d-TEMP

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

* DCT including final drive

¹⁾ Oil change

²⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format

All figures relating to performance, fuel/electric power consumption and CO₂ emissions are provisional.

The fuel consumption and CO₂ emission figures are determined according to the European Regulation (EC) 2007/715 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

The values are based on the new WLTP test cycle and have been translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO₂ emissions, the CO₂ values may differ from the values stated here (depending on national legislation).

Further information on official fuel consumption figures and specific CO₂ emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO₂-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guide to the fuel economy, CO₂ emissions and electric power consumption of new passenger cars), which can be obtained free of charge from all dealerships, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen and at <https://www.dat.de/co2/>.

The new BMW 1 Series. M135i xDrive.

BMW M135i xDrive		
Body		
No of doors/seats		5/5
Length/width/height (unladen)	mm	4319/1799/1434
Wheelbase	mm	2670
Track, front/rear	mm	1560/1563
Ground clearance	mm	153
Turning circle	m	11.4
Fuel tank capacity	approx. l	50
Engine oil ¹⁾	l	5.25
Weight, unladen, to DIN/EU	kg	1525/1600
Max load to DIN	kg	560
Max permissible weight	kg	2085
Max axle load, front/rear	kg	1120/1020
Max trailer load, braked (12%)/unbraked	kg	-
Max roofload/max towbar download	kg	75/75
Luggage comp capacity	l	380–1200
Air resistance	c _d x A	0.34 x 2.19
Power Unit		
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	cc	1998
Stroke/bore	mm	94.6/82.0
Compression ratio	:1	9.5
Fuel		min. RON 95
Max output	kW/hp	225/306
at	rpm	4500–6250
Max torque	Nm	450
at	rpm	1750–5000
Electrical System		
Battery/installation	Ah/–	70/engine compartment
Driving Dynamics and Safety		
Suspension, front		Single-joint spring strut axle in lightweight aluminium-steel construction
Suspension, rear		Multi-link axle in lightweight steel construction with separate spring and damper configuration
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, ASC and DTC (Dynamic Traction Control), ARB technology (near-actuator wheel slip limitation), efficiency- and weight-optimised all-wheel-drive system xDrive linked with DSC, DBC (Dynamic Brake Control), Dry Braking function, fading compensation, Start- Off Assistant, EDLC (Electronic Differential Lock Control), Performance Control, M Sport suspension; optional: Adaptive suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, tyre defect indicator
Steering		Electromechanical M Sport steering with Servotronic function
Steering ratio, overall	:1	14.0
Tyres, front/rear		225/40 R18 92 Y XL 225/40 R18 92 Y XL
Rims, front/rear		8J x 18 light-alloy

BMW M135i xDrive			
Transmission			
Type of transmission		Eight-speed Steptronic Sport transmission	
Gear ratios	I	:1	5.519
	II	:1	3.184
	III	:1	2.050
	IV	:1	1.492
	V	:1	1.235
	VI	:1	1.000
	VII	:1	0.801
	VIII	:1	0.673
	R	:1	4.221
Final drive		:1	3.075
Performance			
Power-to-weight ratio (DIN)	kg/kW		6.8
Output per litre	kW/l		112.6
Acceleration	0–100 km/h	s	4.8
In 5th gear	80–120 km/h	s	-
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 mode with coasting function (with automatic transmission), intelligent lightweight construction, 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	
Fuel Consumption ECE²⁾			
Urban	l/100 km		8.2
Extra-urban	l/100 km		6.0
Combined	l/100 km		7.1–6.8
CO ₂	g/km		162–155
Emission rating			EU6d-TEMP

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

¹⁾ Oil change

²⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format

All figures relating to performance, fuel/electric power consumption and CO₂ emissions are provisional.

The fuel consumption and CO₂ emission figures are determined according to the European Regulation (EC) 2007/715 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

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Further information on official fuel consumption figures and specific CO₂ emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO₂-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guide to the fuel economy, CO₂ emissions and electric power consumption of new passenger cars), which can be obtained free of charge from all dealerships, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen and at <https://www.dat.de/co2/>.

The new BMW 1 Series. 116d.

BMW 116d		
Body		
No of doors/seats		5/5
Length/width/height (unladen)	mm	4319/1799/1434
Wheelbase	mm	2670
Track, front/rear	mm	1565/1565
Ground clearance	mm	153
Turning circle	m	11.4
Fuel tank capacity	approx. l	42
Engine oil ¹⁾	l	4.8
Weight, unladen, to DIN/EU	kg	1375 (1385) / 1450 (1460)
Max load to DIN	kg	550 (555)
Max permissible weight	kg	1925 (1940)
Max axle load, front/rear	kg	1025 (1040)/980
Max trailer load, braked (12%/unbraked)	kg	1300/725 (730)
Max roofload/max towbar download	kg	75/75
Luggage comp capacity	l	380–1200
Air resistance	c _d x A	0.26 x 2.19
Power Unit		
Config/No of cyls/valves		In-line/3/4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common-rail direct injection with piezo injectors (max. injection pressure: 2000 bar)
Effective capacity	cc	1496
Stroke/bore	mm	90.0/84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	85/116
at	rpm	2250–4000
Max torque	Nm	270
at	rpm	1750–4000
Electrical System		
Battery/installation	Ah/–	70/engine compartment
Driving Dynamics and Safety		
Suspension, front		Single-joint spring strut axle in lightweight aluminium-steel construction
Suspension, rear		Multi-link axle in lightweight steel construction with separate spring and damper configuration
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, ASC and DTC (Dynamic Traction Control), ARB technology (actuator contiguous wheel slip limitation), DBC (Dynamic Brake Control), Dry Braking function, fading compensation, Start-Off Assistant, EDLC (Electronic Differential Lock Control), Performance Control, trailer stability control; optional: M Sport suspension, Adaptive suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, tyre defect indicator
Steering		Electric Power Steering (EPS) with Servotronic function; optional: M Sport steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		205/55 R16 91W 205/55 R16 91W
Rims, front/rear		7J x 16

BMW 116d			
Transmission			
Type of transmission		Six-speed manual (seven-speed Steptronic dual-clutch transmission)	
Gear ratios	I*	:1	3.923 (16.385)
	II*	:1	2.136 (9.664)
	III*	:1	1.276 (6.181)
	IV*	:1	0.919 (4.327)
	V*	:1	0.725 (3.349)
	VI*	:1	0.605 (2.663)
	VII*	:1	- (2.158)
	VIII*	:1	-
	R*	:1	3.538 (14.994)
Final drive		:1	3.389 (3.944)
Performance			
Power-to-weight ratio (DIN)	kg/kW		16.2 (16.3)
Output per litre	kW/l		56.8
Acceleration	0–100 km/h	s	10.3 (10.1)
In 5th gear	80–120 km/h	s	11.5 (-)
Top speed	km/h		200
BMW EfficientDynamics			
BMW EfficientDynamics standard features		Brake Energy Regeneration with recuperation display, Electric Power Steering, Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function (with automatic transmission), intelligent lightweight construction, 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 BluePerformance technology with SCR catalytic converter	
Fuel Consumption ECE ²⁾			
Urban	l/100 km		4.5
Extra-urban	l/100 km		3.5
Combined	l/100 km		4.2–3.8
CO ₂	g/km		110–100
Emission rating			EU6d

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The new BMW 1 Series. 118d.

BMW 118d		
Body		
No of doors/seats		5/5
Length/width/height (unladen)	mm	4319/1799/1434
Wheelbase	mm	2670
Track, front/rear	mm	1565/1565
Ground clearance	mm	153
Turning circle	m	11.4
Fuel tank capacity	approx. l	42
Engine oil ¹⁾	l	5.5
Weight, unladen, to DIN/EU	kg	1400 (1430) / 1475 (1505)
Max load to DIN	kg	550
Max permissible weight	kg	1950 (1980)
Max axle load, front/rear	kg	1050 (1080)/980
Max trailer load, braked (12%/unbraked)	kg	1300/735 (750)
Max roofload/max towbar download	kg	75/75
Luggage comp capacity	l	380–1200
Air resistance	c _d x A	0.26 x 2.19
Power Unit		
Config/No of cyls/valves		In-line/4/4
Engine technology	BMW TwinPower Turbo technology: multi-stage turbocharging, turbocharger with variable inlet geometry, common-rail direct injection with piezo injectors (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	2500–4000
Max torque	Nm	350
at	rpm	1750–4000
Electrical System		
Battery/installation	Ah/–	70/engine compartment
Driving Dynamics and Safety		
Suspension, front	Single-joint spring strut axle in lightweight aluminium-steel construction	
Suspension, rear	Multi-link axle in lightweight steel construction with separate spring and damper configuration	
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, ASC and DTC (Dynamic Traction Control), ARB technology (actuator contiguous wheel slip limitation), DBC (Dynamic Brake Control), Dry Braking function, fading compensation, Start-Off Assistant, EDLC (Electronic Differential Lock Control), Performance Control, trailer stability control; optional: M Sport suspension, Adaptive suspension	
Safety equipment	Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, tyre defect indicator	
Steering	Electric Power Steering (EPS) with Servotronic function; optional: M Sport steering	
Steering ratio, overall	:1	15.0
Tyres, front/rear		205/55 R16 91W 205/55 R16 91W
Rims, front/rear		7J x 16

BMW 118d			
Transmission			
Type of transmission		Six-speed manual (eight-speed Steptronic transmission)	
Gear ratios	I	:1	3.923 (5.519)
	II	:1	2.136 (3.184)
	III	:1	1.276 (2.050)
	IV	:1	0.919 (1.492)
	V	:1	0.725 (1.235)
	VI	:1	0.605 (1.000)
	VII	:1	- (0.801)
	VIII	:1	- (0.673)
	R	:1	3.538 (4.221)
Final drive		:1	3.389 (2.666)
Performance			
Power-to-weight ratio (DIN)	kg/kW		12.7 (13.0)
Output per litre	kW/l		55.1
Acceleration	0–100 km/h	s	8.5 (8.4)
In 5th gear	80–120 km/h	s	10.6 (-)
Top speed	km/h		218 (216)
BMW EfficientDynamics			
BMW EfficientDynamics standard features		Brake Energy Regeneration with recuperation display, Electric Power Steering, Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function (with automatic transmission), intelligent lightweight construction, 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 BluePerformance technology with SCR catalytic converter	
Fuel Consumption ECE ²⁾			
Urban	l/100 km		4.8
Extra-urban	l/100 km		3.8
Combined	l/100 km		4.4–4.1
CO ₂	g/km		116–108
Emission rating			EU6d-TEMP

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

¹⁾ Oil change

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The new BMW 1 Series. 120d xDrive.

BMW 120d xDrive		
Body		
No of doors/seats		5/5
Length/width/height (unladen)	mm	4319/1799/1434
Wheelbase	mm	2670
Track, front/rear	mm	1561/1561
Ground clearance	mm	153
Turning circle	m	11.4
Fuel tank capacity	approx. l	50
Engine oil ¹⁾	l	5.5
Weight, unladen, to DIN/EU	kg	1515/1590
Max load to DIN	kg	550
Max permissible weight	kg	2065
Max axle load, front/rear	kg	1105/1020
Max trailer load, braked (12%)/unbraked	kg	1500/750
Max roofload/max towbar download	kg	75/75
Luggage comp capacity	l	380–1200
Air resistance	C _d x A	0.27 x 2.19
Power Unit		
Config/No of cyls/valves		In-line/4/4
Engine technology	BMW TwinPower Turbo technology: multi-stage turbocharging, turbocharger with variable inlet geometry, common-rail direct injection with piezo injectors (max. injection pressure: 2000 bar)	
Effective capacity	cc	1995
Stroke/bore	mm	94.0/84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	140/190
at	rpm	2500–4000
Max torque	Nm	400
at	rpm	1750–4000
Electrical System		
Battery/installation	Ah/–	70/engine compartment
Driving Dynamics and Safety		
Suspension, front	Single-joint spring strut axle in lightweight aluminium-steel construction	
Suspension, rear	Multi-link axle in lightweight steel construction with separate spring and damper configuration	
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, ASC and DTC (Dynamic Traction Control), ARB technology (actuator contiguous wheel slip limitation), all-wheel-drive system xDrive linked with DSC, DBC (Dynamic Brake Control), Dry Braking function, fading compensation, Start-Off Assistant, EDLC (Electronic Differential Lock Control), Performance Control, trailer stability control; optional: M Sport suspension, Adaptive suspension	
Safety equipment	Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, tyre defect indicator	
Steering	Electric Power Steering (EPS) with Servotronic function; optional: M Sport steering	
Steering ratio, overall	:1	15.0
Tyres, front/rear	225/45 R17 41Y XL 225/45 R17 41Y XL	
Rims, front/rear	7.5J x 17 light-alloy	

BMW 120d xDrive			
Transmission			
Type of transmission		Eight-speed Steptronic transmission	
Gear ratios	I	:1	5.519
	II	:1	3.184
	III	:1	2.050
	IV	:1	1.492
	V	:1	1.235
	VI	:1	1.000
	VII	:1	0.801
	VIII	:1	0.673
	R	:1	4.221
Final drive		:1	2.666
Performance			
Power-to-weight ratio (DIN)	kg/kW		10.8
Output per litre	kW/l		70.2
Acceleration	0–100 km/h	s	7.0
In 5th gear	80–120 km/h	s	-
Top speed	km/h		230
BMW EfficientDynamics			
BMW EfficientDynamics standard features		Brake Energy Regeneration with recuperation display, Electric Power Steering, Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function (with automatic transmission), intelligent lightweight construction, 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 BluePerformance technology with SCR catalytic converter	
Fuel Consumption ECE ²⁾			
Urban	l/100 km		5.1
Extra-urban	l/100 km		4.1
Combined	l/100 km		4.7–4.5
CO ₂	g/km		124–117
Emission rating			EU6d-TEMP

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¹⁾ Oil change

²⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format

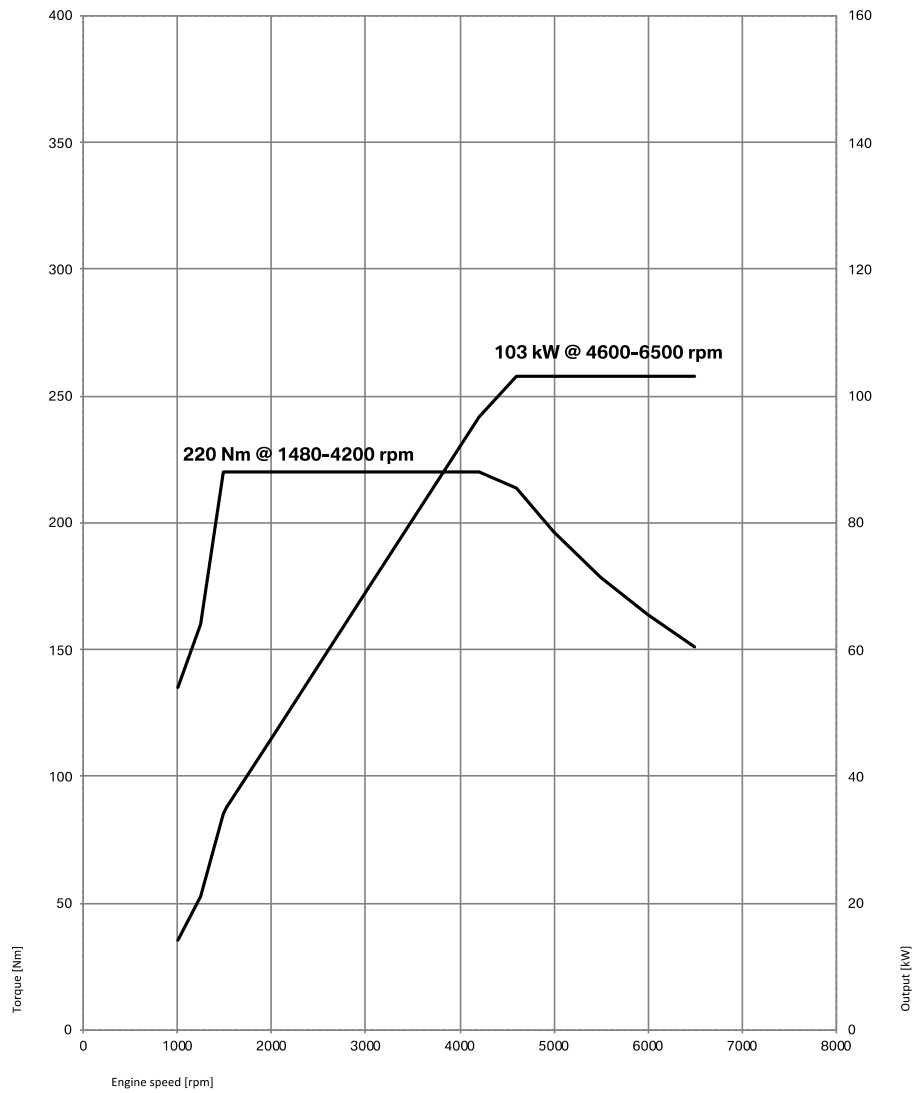
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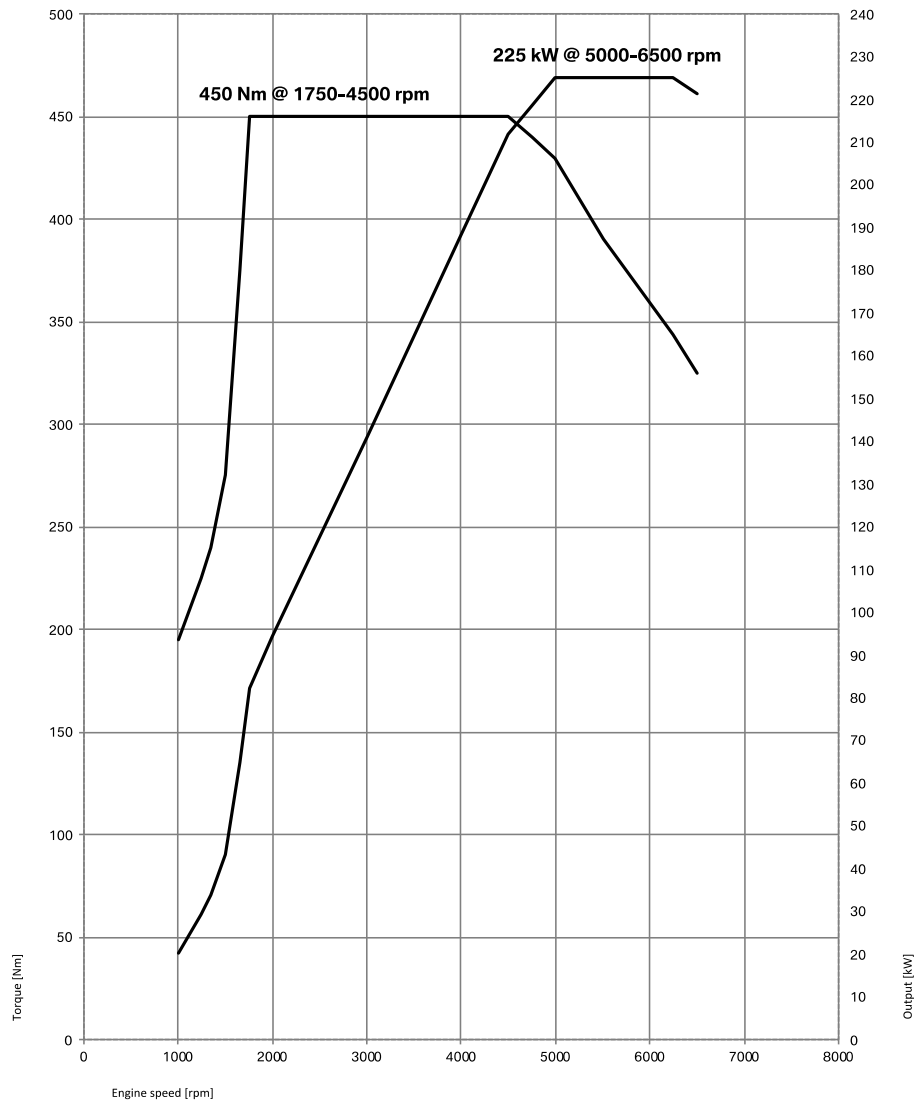
The values are based on the new WLTP test cycle and have been translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO₂ emissions, the CO₂ values may differ from the values stated here (depending on national legislation).

Further information on official fuel consumption figures and specific CO₂ emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO₂-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guide to the fuel economy, CO₂ emissions and electric power consumption of new passenger cars), which can be obtained free of charge from all dealerships, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen and at <https://www.dat.de/co2/>.

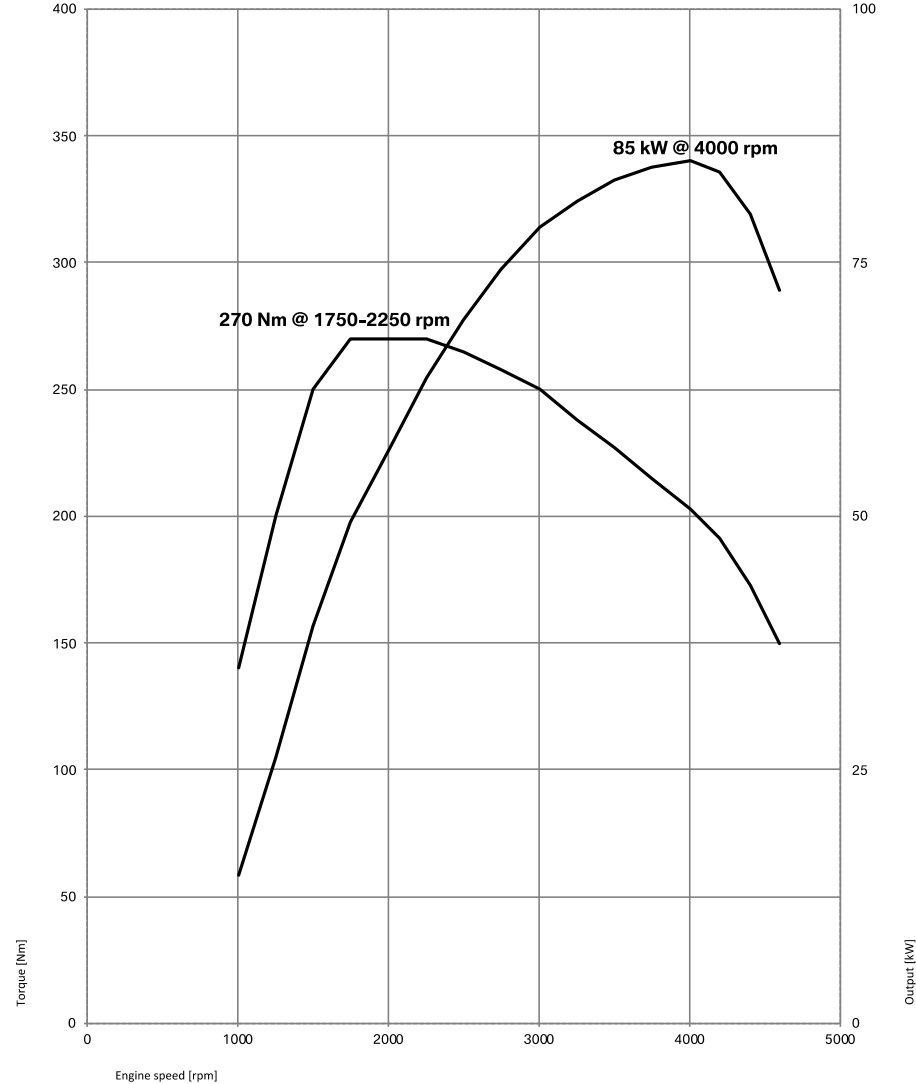
Output and torque diagrams. The new BMW 1 Series. 118i.



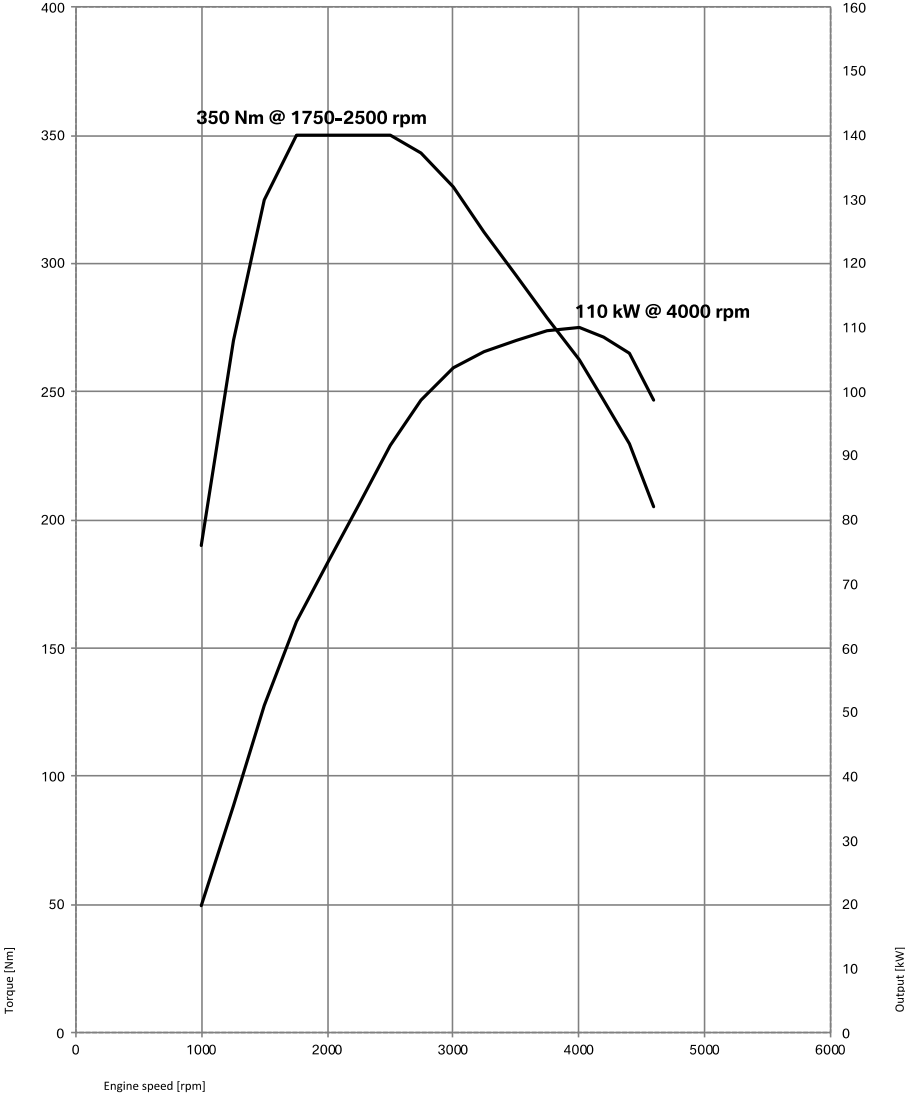
The new BMW 1 Series. M135i xDrive.



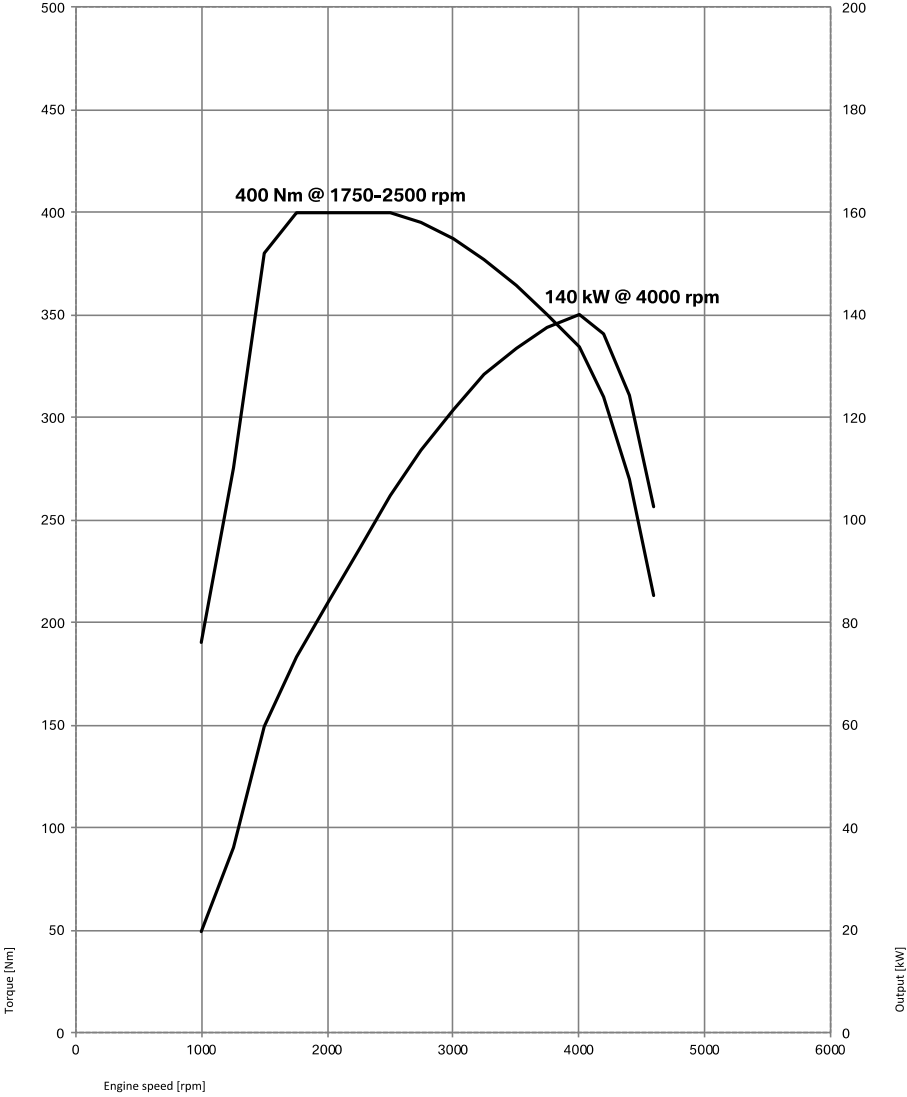
The new BMW 1 Series. 116d.



The new BMW 1 Series. 118d.



The new BMW 1 Series. 120d xDrive.



Output and torque diagrams. The new BMW 1 Series.

