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#### Specifications. BMW 1 Series. 116i.



		BMW 116i
Body No. of deers (see to		5/5
No. of doors/seats Length/width/height(unladen)	mm	
Wheelbase	mm mm	2670
Track, front/rear	mm	1565 / 1565
Ground clearance	mm	153
Turning circle	m	11.4
Tank capacity	approx.	42
, , , , , , , , , , , , , , , , , , , ,	ltr	
Engine oil <sup>1)</sup>	ltr	4.5
Weight, unladen, to DIN/EU	kg	1320 / 1395 (1340 / 1415)
Max. load to DIN	kg	530 (530)
Max. permissible weight	kg	1850 (1870)
Max. axle load, front/rear	kg	980 / 940 (1005 / 940)
Max. trailer load,		
braked (12%)/unbraked	kg	1100 / 695 (1100 / 705)
Max. roof load/towbar	kg	75 / 75
download	4:	200 4200
Luggage comp. capacity	ltr	380 – 1200
Air resistance	c <sub>d</sub> x A	0.27 x 2.19
Engine		
Config./No. of cyls./valves		in-line / 3 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger, High Precision
ge teae.g,		Injection, VALVETRONIC fully variable valve timing, Double-VANOS
		variable camshaft timing
Effective capacity	cm <sup>3</sup>	1499
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min. RON 91
Output	kW/hp	80 / 109
at	rpm	4300 – 6500
Torque	Nm	190
at	rpm	1380 – 3800
Electrical System		
Battery/Installation	Ah/-	60 / engine comp.
Driving Dynamics and Safety		
Suspension, front		Single-joint spring strut axle in lightweight aluminium-steel
Suspension, front		construction
Suspension, rear		Multi-link axle in lightweight steel construction with separate spring
Suspension, real		and damper configuration
Brakes, front		Single-piston floating-calliper disc brakes, vented
Brakes, rear		Single-piston floating-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control),
3		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
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
Chandra		Indicator
Steering		Electromechanical rack-and-pinion power steering (EPS) with
Steering ratio, overall	:1	Servotronic function; optional: M Sport steering 15.0
Tyres, front/rear	:1	
Rims, front/rear		7J x 16
Mina, Honoreu		/ J \ 1U

			BMW 116i
Transmission			
Type of gearbo	ox		Six-speed manual (seven-speed Steptronic dual-clutch transmission)
Gear ratios		:1	3.615 (16.324)
	ll l	:1	1.952 (9.773)
	III	:1	1.241 (6.558)
	IV	:1	0.969 (4.983)
	V	:1	0.806 (4.129)
1	VI	:1	0.683 (3.344)
	VII	:1	-(2.747)
	R	:1	3.538 (14.968)
Final drive		:1	3.882 (3.789)
Performance			
Power-to-weigh	aht ratio (DIN)	kg/kW	16.5 (16.8)
Output per litre		kW/l	53.4
Acceleration	0–100 km/h	S	10.6 (10.6)
in 5 <sup>th</sup> gear	80–120 km/h	s	12.6 (-)
Top speed	00 120 1111111	km/h	200 (200)
BMW Efficient	Dynamics		
BMW Efficient			Brake Energy Regeneration with recuperation display, Electric Power
standard featu			Steering, Auto Start Stop function, Optimum Shift Indicator, ECO PRO
sturiuuru reutt	1162	•	and COMFORT mode with coasting function (with automatic
			transmission), intelligent lightweight construction, optimised
			erodynamic attributes, active air flap control, on-demand operation o
			ancillary units, map-regulated oil pump, differential with optimised
			warm-up behaviour, tyres with reduced rolling resistance
			warm up behaviour, tyres warreadeed rolling resistance
Fuel consumpt	tion EU cycle		
Urban (NEDC)		ltr/100	7.0 – 6.8 (6.1 – 5.8)
Extra-urban (N	NEDC)	ltr/100	5.1 – 4.6 (5.0 – 4.6)
Combined (NE	DC)	ltr/100	5.8 – 5.4 (5.5 – 5.1)
Combined (WL	TP)	ltr/100	6.6 – 5.7 (6.8 – 5.8)
CO <sub>2</sub> (NEDC)		g/km	133 – 124 (125 – 116)
CO <sub>2</sub> (WLTP)		g/km	151 – 129 (154 – 132)
<b>Emission ratin</b>	g		Euro 6d

The fuel consumption,  $CO_2$  emissions, electric power consumption and electric range figures are determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany and the range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment.

All values were calculated based on the new WLTP test cycle. WLTP values are taken as the basis for determining vehicle-related taxes or other duties based (at least inter alia) on  $CO_2$  emissions as well as eligibility for any applicable vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures can also be found at www.bmw.de/wltp.

<sup>1)</sup> Oil change volume

## BMW 1 Series. 118i.

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     Tank capacity   approx.   42     Itr     Engine oil   10   Itr   4.5     Weight, unladen, to DIN/EU   kg   1290 / 1365 (1320 / 1395     Max. load to DIN   kg   555 (550)	
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           Tank capacity         approx.         42           ltr         45           Weight, unladen, to DIN/EU         kg         1290 / 1365 (1320 / 1395)           Max. load to DIN         kg         555 (550)	
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           Tank capacity         approx.         42           ltr         ltr           Engine oil 10         ltr         4.5           Weight, unladen, to DIN/EU         kg         1290 / 1365 (1320 / 1395)           Max. load to DIN         kg         555 (550)	
Wheelbase         mm         2670           Track, front/rear         mm         1561/1561           Ground clearance         mm         153           Turning circle         m         11.4           Tank capacity         approx.         42           ltr         ltr           Engine oil 10         ltr         4.5           Weight, unladen, to DIN/EU         kg         1290/1365 (1320/1395)           Max. load to DIN         kg         555 (550)	
Track, front/rear         mm         1561 / 1561           Ground clearance         mm         153           Turning circle         m         11.4           Tank capacity         approx.         42           Itr         ltr           Engine oil 10         ltr         4.5           Weight, unladen, to DIN/EU         kg         1290 / 1365 (1320 / 1395)           Max. load to DIN         kg         555 (550)	
Ground clearance         mm         153           Turning circle         m         11.4           Tank capacity         approx.         42           ltr         str         4.5           Weight, unladen, to DIN/EU         kg         1290 / 1365 (1320 / 1395)           Max. load to DIN         kg         555 (550)	
Turning circle         m         11.4           Tank capacity         approx.         42           Itr         tr         4.5           Weight, unladen, to DIN/EU         kg         1290 / 1365 (1320 / 1395 Max. load to DIN           Max. load to DIN         kg         555 (550)	
Tank capacity         approx. ltr         42           Engine oil 10         ltr         4.5           Weight, unladen, to DIN/EU         kg         1290 / 1365 (1320 / 1395 Max. load to DIN           Max. load to DIN         kg         555 (550)	
Itr           Engine oil 10         Itr         4.5           Weight, unladen, to DIN/EU         kg         1290 / 1365 (1320 / 1395 Max. load to DIN           Max. load to DIN         kg         555 (550)	
Engine oil 10         Itr         4.5           Weight, unladen, to DIN/EU         kg         1290 / 1365 (1320 / 1395)           Max. load to DIN         kg         555 (550)	
Weight, unladen, to DIN/EU         kg         1290 / 1365 (1320 / 1395)           Max. load to DIN         kg         555 (550)	
Max. load to DIN kg 555 (550)	5)
	<del>,</del>
Max. permissible weight kg 1845 (1870)	
Max. axle load, front/rear kg 980 / 940 (1005 / 940)	
Max. trailer load,	
braked (12%)/unbraked kg 1300 / 680 (1300 / 695)	
Max. roof load/towbar kg 75 / 75	
download	
Luggage comp. capacity Itr 380 – 1200	
Air resistance c <sub>d</sub> x A 0.26 x 2.19	
THE CONTRACTOR OF THE CONTRACT	
Engine	
Config./No. of cyls./valves in-line / 3 / 4	
Engine technology BMW TwinPower Turbo technology: turbocha	rger, High Precision
Injection, VALVETRONIC fully variable valve tin	
variable camshaft timing	<i>3</i> ,
Effective capacity cm <sup>3</sup> 1499	
Stroke/bore mm 94.6 / 82.0	
Compression ratio :1 11.0	
Fuel min. RON 91	
Output kW/hp 100 / 136	
at rpm 4500 – 6500	
Torque Nm 220	
at rpm 1500 – 4100	
<u> </u>	
Electrical System	
Battery/Installation Ah/– 60 / engine comp.	
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 Single-piston floating-calliper disc bra	
Brakes, rear Single-piston floating-calliper disc	brakes
Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynam	
ARB technology (actuator contiguous wheel s	
(Dynamic Brake Control), Dry Braking function,	
Start-Off Assistant, EDLC (Electronic Differen	
Performance Control, trailer stability control;	; optional: M Sport
suspension	
Safety equipment Standard: airbags for driver and front passeng	
driver and front passenger, head airbags for f	
three-point inertia-reel seatbelts on all seats wi	
and belt force limiter at the front seats, crash se	ensors, Tyre Pressure
Indicator  Chapting Technologies and division required	handan (EDC)
Steering Electromechanical rack-and-pinion power st	
Servotronic function; optional: M Spo	nt steering
Steering ratio, overall :1 15.0	
Tyres, front/rear         205/55 R16 91W           Rims, front/rear         7J x 16 LM	

		BMW 118i
Transmission		
Type of gearbox		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)
R	:1	3.538 (14.898)
Final drive	:1	4.118 (3.944)
Performance		
Power-to-weight ratio (DIN)	kg/kW	12.9 (13.2)
Output per litre	kW/I	66.7
Acceleration 0–100 km/h	s	8.9 (8.8)
in 5 <sup>th</sup> gear 80–120 km/h	S	10.6 (–)
Top speed	km/h	213 (213)
BMW EfficientDynamics		
BMW EfficientDynamics		Brake Energy Regeneration with recuperation display, Electric Power
standard features		Steering, Auto Start Stop function, Optimum Shift Indicator, ECO PRO
		and COMFORT mode with coasting function (with automatic
		transmission), intelligent lightweight construction, optimised
	C	perodynamic 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 EU cycle		
Urban (NEDC)	ltr/100	7.5 – 7.1 (6.5 – 5.9)
Extra-urban (NEDC)	ltr/100	4.9 – 4.5 (4.6 – 4.3)
Combined (NEDC)	ltr/100	5.9 – 5.5 (5.3 – 4.9)
Combined (WLTP)	ltr/100	6.6 – 5.7 (6.6 – 5.7)
CO <sub>2</sub> (NEDC)	g/km	135 – 126 (121 – 113)
CO <sub>2</sub> (WLTP)	g/km	150 – 129 (150 – 129)
Emission rating		Euro 6d

The fuel consumption,  $CO_2$  emissions, electric power consumption and electric range figures are determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany and the range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment.

All values were calculated based on the new WLTP test cycle. WLTP values are taken as the basis for determining vehicle-related taxes or other duties based (at least inter alia) on  $CO_2$  emissions as well as eligibility for any applicable vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures can also be found at www.bmw.de/wltp.

<sup>&</sup>lt;sup>1)</sup> Oil change volume

# BMW 1 Series. 120i.

		BMW 120i
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
Tank capacity		50
runk cupacity	approx. Itr	30
Engine oil 1)	ltr	5,25
Weight, unladen, to DIN/EU	kg	1390 / 1465
Max. load to DIN	kg	530
Max. permissible weight	kg kg	1920
Max. axle load, front/rear	kg kg	1035 / 955
Max. trailer load,	ку	10537 555
braked (12%)/unbraked	ko	1200 / 720
Max. roof load/towbar	kg	1300 / 730 75 / 75
download	kg	75175
Luggage comp. capacity	ltr	380 – 1200
Air resistance	C <sub>d</sub> x A	0.28 x 2.19
Air resistance	C <sub>d</sub> X A	U.26 X 2.19
Engine		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger, High Precision
5		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	131 / 178
at	rpm	4750 – 5500
Torque	Nm	280
at	rpm	1350 – 4200
Electrical System		
Battery/Installation	Ah/–	70 / engine comp.
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		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),
		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 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
Chandra		Indicator (FDC) with
Steering		Electromechanical rack-and-pinion power steering (EPS) with
<u> </u>		Servotronic function; optional: M Sport steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		225/45 R17 94Y XL
Rims, front/rear		7.5J x 17 light-alloy

			BMW 120i
Transmission			
Type of gearbo	x		Seven-speed Steptronic dual-clutch transmission
Gear ratios		:1	15.304
	ll l	:1	9.026
	III	:1	5.735
	IV	:1	4.015
	V	:1	3.108
	VI	:1	2.487
	VII	:1	2.016
	R	:1	13.825
Final drive		:1	3.684
Performance			
Power-to-weigh	ht ratio (DIN)	kg/kW	10.6
Output per litre	,	kW/I	65.6
Acceleration	0-100 km/h	S	7.0
Top speed		km/h	235
BMW EfficientD	)vnamics		
BMW EfficientD	<u>'</u>		Brake Energy Regeneration with recuperation display, Electric Power
standard featur			Steering, Auto Start Stop function, Optimum Shift Indicator, ECO PRO
			and COMFORT mode with coasting function, 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 consumpti	on FU cycle		
Urban (NEDC)		ltr/100	7.0 – 6.9
Extra-urban (NE	EDCI	Itr/100	5.1 – 4.6
Combined (NED		ltr/100	5.8 – 5.5
Combined (WLT	ГР)	ltr/100	6.8 – 6.0
CO <sub>2</sub> (NEDC)		g/km	134 – 126
CO <sub>2</sub> (WLTP)		g/km	156 – 137
<b>Emission rating</b>	<u> </u>		Euro 6d

The fuel consumption,  $CO_2$  emissions, electric power consumption and electric range figures are determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany and the range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment.

All values were calculated based on the new WLTP test cycle. WLTP values are taken as the basis for determining vehicle-related taxes or other duties based (at least inter alia) on  $CO_2$  emissions as well as eligibility for any applicable vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures can also be found at www.bmw.de/wltp.

<sup>&</sup>lt;sup>1)</sup> Oil change volume

#### BMW 1 Series. M135i xDrive.

		BMW M135i xDrive
Dadu		
Body No. of doors/seats		5/5
Length/width/height(unladen)	mm	4319 / 1799 / 1434
Wheelbase	mm mm	2670
Track, front/rear		1563 / 1560
Ground clearance	mm	15037 1300
Turning circle	mm m	11.4
Tank capacity	approx. ltr	50
Engine oil <sup>1)</sup>	upprox. iti	5.25
Weight, unladen, to DIN/EU		
Max. load to DIN	kg	560
	kg	
Max. permissible weight Max. axle load, front/rear	kg	2085
	kg	1120 / 1020
Max. trailer load,		
braked (12%)/unbraked	kg	
Max. roof load/towbar	kg	/5/-
download		200 1200
Luggage comp. capacity	ltr	380 – 1200
Air resistance	c <sub>d</sub> x A	0.34 x 2.19
Engine		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger, High Precision
5		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	9.5
Fuel		min. RON 91
Output	kW/hp	225 / 306
at	rpm	5000 – 6250
Torque	Nm	450
at	rpm	1800 – 4500
		1000
Electrical System		
Battery/Installation	Ah/–	70 / engine comp.
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		Four piston fixed-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),
		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, M Sport suspension, front axle with mechanical
		differential lock, xDrive all-wheel-drive system networked with DSC;
		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) with
		Servotronic function, model specific M Sport steering
Steering ratio, overall	:1	14.0
Tyres, front/rear		225/40 R18 92Y XL
Rims, front/rear		8J x 18 light-alloy
·		<u> </u>

		BMW M135i xDrive
Transmission		
Type of gearbox		Eight-speed Steptronic Sport transmission
Gear ratios I	:1	5.519
I	l :1	3.184
II	l :1	2.050
	/ :1	1.492
	/ :1	1.235
V	l :1	1.000
VI	l :1	0.801
VII	l :1	0.673
F	₹ :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		4.7
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, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, efficiency-optimised all-wheel drive, tyres with reduced rolling resistance
Fuel consumption EU cycle		
Urban (NEDC)	ltr/100	8.2 – 7.5
Extra-urban (NEDC)	ltr/100	5.9 – 5.6
Combined (NEDC)	ltr/100	6.7 - 6.3
Combined (WLTP)	ltr/100	8.0 – 7.4
CO2 (NEDC)	g/km	155 – 145
CO2 (WLTP)	g/km	180 – 167
Emission rating		Euro 6d

The fuel consumption,  $CO_2$  emissions, electric power consumption and electric range figures are determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany and the range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment.

All values were calculated based on the new WLTP test cycle. WLTP values are taken as the basis for determining vehicle-related taxes or other duties based (at least inter alia) on  $CO_2$  emissions as well as eligibility for any applicable vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures can also be found at www.bmw.de/wltp.

<sup>1)</sup> Oil change volume

## BMW 1 Series. 116d.

		BMW 116d
Pady		
Body No. of doors/seats		5/5
Length/width/height(unladen)	mm	4319 / 1799 / 1434
Wheelbase	mm mm	2670
Track, front/rear		1565 / 1565
Ground clearance	mm	15037 1303
Turning circle	mm m	11.4
Tank capacity		42
Turk cupacity	approx. Itr	42
Engine oil <sup>1)</sup>	ltr	4.8
Weight, unladen, to DIN/EU	kg	1375 / 1450 (1385 / 1460)
Max. load to DIN	kg	550 (555)
Max. permissible weight	kg	1925 (1940)
Max. axle load, front/rear	kg	1025 / 980 (1040 / 980)
Max. trailer load,	Ng.	10237 300 (10407 300)
braked (12%)/unbraked	kg	1300 / 725 (1300 / 730)
Max, roof load/towbar	kg	75 / 75
download	Ng.	73773
Luggage comp. capacity	ltr	380 – 1200
Air resistance	C <sub>d</sub> x A	0.26 x 2.19
7 III Teologianide	Guintin	0.20 / 2.110
Engine		
Config./No. of cyls./valves		in-line / 3 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet
3		geometry, common rail direct fuel injection with solenoid injectors
		(max. injection pressure: 2200 bar)
Effective capacity	cm <sup>3</sup>	1496
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Output	kW/hp	85 / 116
at	rpm	4000
Torque	Nm	270
at	rpm	1750 – 2250
Electrical System		
Battery/Installation	Ah/–	70 / engine comp.
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		Single-piston floating-calliper disc brakes, vented
Brakes, rear		Single-piston floating-calliper disc brakes
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
Cafabraariamanh		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
o.ccimg		Servotronic function; optional: M Sport steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		205/55 R16 91W
Rims, front/rear		7J x 16 light-alloy
		. , x . o again way

			BMW 116d
Transmission			
Type of gearbo			Six-speed manual (seven-speed Steptronic dual-clutch transmission)
Gear ratios	'^	:1	3.923 (16.385)
deal latios	· II	:1	2.136 (9.664)
		: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)
		:1	3.538 (14.898)
Final drive		:1	3.389 (3.944)
			3.303 (3.3 + 1)
Performance			
Power-to-weig	ht 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 5 <sup>th</sup> gear	80-120 km/h	s	11.5 (-)
Top speed		km/h	200 (200)
BMW EfficientD			
BMW Efficient			Brake Energy Regeneration with recuperation display, EPS (Electric
standard featur	res		Power Steering), Auto Start Stop function, Optimum Shift Indicator,
			ECO PRO mode with coasting function (with automatic transmission),
			BMW EfficientLightweight, optimised aerodynamic attributes, active
		(	air flap control, on-demand operation of ancillary units, map-controlled oil pump, differential with optimized-warm-up behavior, tyres with
			reduced rolling resistance, BMW Blue Performance technology
			including SCR catalytic converter
			including Servedualytic converter
Fuel consumpti	ion EU cycle		
Urban (NEDC)		ltr/100	4.9 – 4.4 (4.4 – 4.2)
Extra-urban (N	EDC)	ltr/100	3.8 – 3.4 (3.9 – 3.6)
Combined (NED		ltr/100	4.2 – 3.8 (4.1 – 3.8)
Combined (WL	TP)	ltr/100	5.3 – 4.6 (5.4 – 4.6)
CO <sub>2</sub> (NEDC)		g/km	110 – 100 (108 – 99)
CO <sub>2</sub> (WLTP)		g/km	140 – 120 (141 – 121)
Emission rating	]		Euro 6d

The fuel consumption,  $CO_2$  emissions, electric power consumption and electric range figures are determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany and the range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment.

All values were calculated based on the new WLTP test cycle. WLTP values are taken as the basis for determining vehicle-related taxes or other duties based (at least inter alia) on  $CO_2$  emissions as well as eligibility for any applicable vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures can also be found at www.bmw.de/wltp.

<sup>&</sup>lt;sup>1)</sup> Oil change volume

## BMW 1 Series. 118d.

Body   No. of doors/seats   5 / 5	
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           Tank capacity         approx.         42           ltr         str         5.5           Weight, unladen, to DIN/EU         kg         1405 / 1480 (1430 / 1505)           Max. load to DIN         kg         545 (550)           Max. permissible weight         kg         1950 (1980)           Max. axle load, front/rear         kg         1950 (1980)           Max. trailer load, braked (12%)/unbraked         kg         1300 / 740 (1300 / 750)           Max. roof load/towbar         kg         75 / 75           download         luggage comp. capacity         ltr         380 - 1200           Air resistance         cd x A         0.26 x 2.19           Engine         config./No. of cyls./valves         in-line / 4 / 4           Engine technology         BMW TwinPower Turbo technology: multi-stage turboo	
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           Tank capacity         approx.         42           ltr         ltr         5.5           Weight, unladen, to DIN/EU         kg         1405 / 1480 (1430 / 1505)           Max. load to DIN         kg         545 (550)           Max. load to DIN         kg         1950 (1980)           Max. ermissible weight         kg         1950 (1980)           Max. axle load, front/rear         kg         1050 / 980 (1080 / 980)           Max. trailer load, braked (12%)/unbraked         kg         1300 / 740 (1300 / 750)           Max. roof load/towbar         kg         75 / 75           download         luggage comp. capacity         ltr         380 - 1200           Air resistance         cd x A         0.26 x 2.19           Engine         Config./No. of cyls./valves         in-line / 4 / 4           Engine technology         BMW TwinPower Turbo technology: multi-stage turboo	
Wheelbase         mm         2670           Track, front/rear         mm         1565 / 1565           Ground clearance         mm         153           Turning circle         m         11.4           Tank capacity         approx.         42           Itr         Itr         5.5           Weight, unladen, to DIN/EU         kg         1405 / 1480 (1430 / 1505)           Max. load to DIN         kg         545 (550)           Max. load to DIN         kg         1950 (1980)           Max. permissible weight         kg         1950 (1980)           Max. axle load, front/rear         kg         1050 / 980 (1080 / 980)           Max. trailer load, braked (12%)/unbraked         kg         1300 / 740 (1300 / 750)           Max. roof load/towbar         kg         75 / 75           download         Luggage comp. capacity         ltr         380 – 1200           Air resistance         cd x A         0.26 x 2.19           Engine         Config./No. of cyls./valves         in-line / 4 / 4           Engine technology         BMW TwinPower Turbo technology: multi-stage turboo	
Track, front/rear         mm         1565 / 1565           Ground clearance         mm         153           Turning circle         m         11.4           Tank capacity         approx.         42           Itr         5.5           Weight, unladen, to DIN/EU         kg         1405 / 1480 (1430 / 1505)           Max. load to DIN         kg         545 (550)           Max. permissible weight         kg         1950 (1980)           Max. axle load, front/rear         kg         1050 / 980 (1080 / 980)           Max. trailer load, braked (12%)/unbraked         kg         1300 / 740 (1300 / 750)           Max. roof load/towbar download         kg         75 / 75           Luggage comp. capacity         Itr         380 – 1200           Air resistance         cd x A         0.26 x 2.19           Engine           Config./No. of cyls./valves         in-line / 4 / 4           Engine technology         BMW TwinPower Turbo technology: multi-stage turboo	
Ground clearance         mm         153           Turning circle         m         11.4           Tank capacity         approx.         42           Itr	
Turning circle         m         11.4           Tank capacity         approx.         42           Itr         Engine oil 10         Itr         5.5           Weight, unladen, to DIN/EU         kg         1405 / 1480 (1430 / 1505)           Max. load to DIN         kg         1450 (1980)           Max. axle load, front/rear         kg         1050 / 980 (1080 / 980)           Max. trailer load, braked (12%)/unbraked         kg         1300 / 740 (1300 / 750)           Max. roof load/towbar kg         75 / 75           download         Luggage comp. capacity         Itr         380 - 1200           Air resistance         c <sub>d</sub> x A         0.26 x 2.19           Engine         Config./No. of cyls./valves         in-line / 4 / 4           Engine technology         BMW TwinPower Turbo technology: multi-stage turboo	
Tank capacity approx.    Itr	
Itr	
Weight, unladen, to DIN/EU         kg         1405 / 1480 (1430 / 1505)           Max. load to DIN         kg         545 (550)           Max. permissible weight         kg         1950 (1980)           Max. axle load, front/rear         kg         1050 / 980 (1080 / 980)           Max. trailer load, braked (12%)/Junbraked         kg         1300 / 740 (1300 / 750)           Max. roof load/towbar download         kg         75 / 75           Luggage comp. capacity         ltr         380 - 1200           Air resistance         cd x A         0.26 x 2.19           Engine           Config./No. of cyls./valves         in-line / 4 / 4           Engine technology         BMW TwinPower Turbo technology: multi-stage turboo	
Max. load to DIN         kg         545 (550)           Max. permissible weight         kg         1950 (1980)           Max. axle load, front/rear         kg         1050 / 980 (1080 / 980)           Max. trailer load, braked (12%)/unbraked         kg         1300 / 740 (1300 / 750)           Max. roof load/towbar download         kg         75 / 75           Luggage comp. capacity         ltr         380 - 1200           Air resistance         cd x A         0.26 x 2.19           Engine         Config./No. of cyls./valves         in-line / 4 / 4           Engine technology         BMW TwinPower Turbo technology: multi-stage turboo	
Max. permissible weight         kg         1950 (1980)           Max. axle load, front/rear         kg         1050 / 980 (1080 / 980)           Max. trailer load, braked (12%)/unbraked         kg         1300 / 740 (1300 / 750)           Max. roof load/towbar download         kg         75 / 75           Luggage comp. capacity         ltr         380 - 1200           Air resistance         cd x A         0.26 x 2.19           Engine           Config./No. of cyls./valves         in-line / 4 / 4           Engine technology         BMW TwinPower Turbo technology: multi-stage turboo	
Max. permissible weight         kg         1950 (1980)           Max. axle load, front/rear         kg         1050 / 980 (1080 / 980)           Max. trailer load, braked (12%)/unbraked         kg         1300 / 740 (1300 / 750)           Max. roof load/towbar download         kg         75 / 75           Luggage comp. capacity         ltr         380 - 1200           Air resistance         cd x A         0.26 x 2.19           Engine           Config./No. of cyls./valves         in-line / 4 / 4           Engine technology         BMW TwinPower Turbo technology: multi-stage turboo	
Max. axle load, front/rear         kg         1050/980 (1080/980)           Max. trailer load, braked (12%)/unbraked         kg         1300/740 (1300/750)           Max. roof load/towbar download         kg         75/75           Luggage comp. capacity         ltr         380 – 1200           Air resistance         cd x A         0.26 x 2.19           Engine         Config./No. of cyls./valves         in-line / 4 / 4           Engine technology         BMW TwinPower Turbo technology: multi-stage turboo	
Max. trailer load,         kg         1300 / 740 (1300 / 750)           Max. roof load/towbar         kg         75 / 75           download         ltr         380 − 1200           Air resistance         cd x A         0.26 x 2.19           Engine         Config./No. of cyls./valves         in-line / 4 / 4           Engine technology         BMW TwinPower Turbo technology: multi-stage turboo	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
Air resistance $c_d \times A$ 0.26 x 2.19  Engine Config./No. of cyls./valves in-line / 4 / 4 Engine technology BMW TwinPower Turbo technology: multi-stage turboo	
Engine Config./No. of cyls./valves Engine technology  BMW TwinPower Turbo technology: multi-stage turboo	
Config./No. of cyls./valves in-line / 4 / 4 Engine technology BMW TwinPower Turbo technology: multi-stage turboo	
Engine technology BMW TwinPower Turbo technology: multi-stage turboo	
	ahausina law
fuel injection with solenoid injectors (max. injection pro bar)	nmon rail direct
Effective capacity cm <sup>3</sup> 1995	
Stroke/bore mm 90.0 / 84.0	
Compression ratio :1 16.5	
Fuel Diesel	
Output kW/hp 110 / 150	
at rpm 1750 – 2500	
Electrical System	
Battery/Installation Ah/– 70 / engine comp.	
Deliving Divinguish and Cafety	
Driving Dynamics and Safety  Single is interpretable at the control of the contro	ium abool
Suspension, front Single-joint spring strut axle in lightweight alumini construction	ium-steei
Suspension, rear Multi-link axle in lightweight steel construction with se and damper configuration	parate spring
Brakes, front Single-piston floating-calliper disc brakes, ver	nted
Brakes, rear Single-piston floating-calliper disc brakes	
Driving stability systems  Standard: DSC incl. ABS, ASC and DTC (Dynamic Trac ARB technology (actuator contiguous wheel slip limit (Dynamic Brake Control), Dry Braking function, fading of Start-Off Assistant, EDLC (Electronic Differential Lot Performance Control, trailer stability control; options suspension, Adaptive suspension	ction Control), tation), DBC compensation, ck Control),
Safety equipment  Standard: airbags for driver and front passenger, side driver and front passenger, head airbags for front and three-point inertia-reel seatbelts on all seats with belt land belt force limiter at the front seats, crash sensors, Indicator	d rear seats, atch tensioner
Steering Electromechanical rack-and-pinion power steering Servotronic function; optional: M Sport steer	
Steering ratio, overall :1 15.0	
Tyres, front/rear 205/55 R16 91W	
Rims, front/rear 7J x 16 LM	

standard features  Power Steering), Auto Start Stop function, Optimum Shift Indicato ECO PRO mode with coasting function (with automatic transmission BMW EfficientLightweight, optimised aerodynamic attributes, activair flap control, on-demand operation of ancillary units, map-control oil pump, differential with optimized-warm-up behavior, tyres with				BMW 118d
Sear ratios	Transmission			
II	Type of gearbox			Six-speed manual (8-speed Steptronic transmission)
III	Gear ratios	I	:1	3.923 (5.519)
IV   :1   0.919 (1.492)		II	:1	2.136 (3.184)
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   12.8 (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   8.4 (-)     Top speed   km/h   218 (216)     BMW EfficientDynamics     BMW EfficientDynamics     BMW EfficientDynamics     BMW EfficientLightweight, optimised aerodynamic attributes, activalir flap control, on-demand operation of ancillary units, map-control oil pump, differential with optimized-warm-up behavior, tyres with standard with optimized-warm-up behavior		III	:1	1.276 (2.050)
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   12.8 (13.0)     Output per litre   kW/l   55.1     Acceleration   0-100 km/h   s   8.5 (8.4)     in 5 <sup>th</sup> gear   80-120 km/h   s   8.4 (-)     Top speed   km/h   218 (216)     BMW EfficientDynamics     BMW EfficientDynamics     BMW EfficientDynamics     BMW EfficientDynamics     BMW EfficientLightweight, optimised aerodynamic attributes, activalir flap control, on-demand operation of ancillary units, map-control oil pump, differential with optimized-warm-up behavior, tyres with		IV	:1	0.919 (1.492)
VIII   :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   12.8 (13.0)     Output per litre   kW/l   55.1     Acceleration   0-100 km/h   s   8.5 (8.4)     in 5 <sup>th</sup> gear   80-120 km/h   s   8.4 (-)     Top speed   km/h   218 (216)     BMW EfficientDynamics     BMW EfficientDynamics     BMW EfficientDynamics     Brake Energy Regeneration with recuperation display, EPS (Electron Power Steering), Auto Start Stop function, Optimum Shift Indicator (ECO PRO mode with coasting function (with automatic transmission (BMW EfficientLightweight, optimised aerodynamic attributes, actival (air flap control, on-demand operation of ancillary units, map-control oil pump, differential with optimized-warm-up behavior, tyres with start start (air flap control, on-demand operation of ancillary units, map-control oil pump, differential with optimized-warm-up behavior, tyres with start start (air flap control, on-demand operation of ancillary units, map-control oil pump, differential with optimized-warm-up behavior, tyres with start (air flap control) (air flap contro		V	:1	0.725 (1.235)
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   12.8 (13.0)     Output per litre   kW/l   55.1     Acceleration   0-100 km/h   s   8.5 (8.4)     in 5 <sup>th</sup> gear   80-120 km/h   s   8.4 (-)     Top speed   km/h   218 (216)     BMW EfficientDynamics     BMW EfficientDynamics     BMW EfficientDynamics     Brake Energy Regeneration with recuperation display, EPS (Electron Power Steering), Auto Start Stop function, Optimum Shift Indicaton ECO PRO mode with coasting function (with automatic transmission BMW EfficientLightweight, optimised aerodynamic attributes, actival air flap control, on-demand operation of ancillary units, map-control oil pump, differential with optimized-warm-up behavior, tyres with		VI	:1	0.605 (1.000)
R :1 3.538 (4.221)  Final drive :1 3.389 (2.666)  Performance  Power-to-weight ratio (DIN) kg/kW 12.8 (13.0)  Output per litre kW/l 55.1  Acceleration 0–100 km/h s 8.5 (8.4)  in 5 <sup>th</sup> gear 80–120 km/h s 8.4 (–)  Top speed km/h 218 (216)  BMW EfficientDynamics  BMW EfficientDynamics  BMW EfficientDynamics  Brake Energy Regeneration with recuperation display, EPS (Electron Power Steering), Auto Start Stop function, Optimum Shift Indicaton ECO PRO mode with coasting function (with automatic transmission BMW EfficientLightweight, optimised aerodynamic attributes, activair flap control, on-demand operation of ancillary units, map-control oil pump, differential with optimized-warm-up behavior, tyres with		VII	:1	- (0.801)
Final drive :1 3.389 (2.666)  Performance  Power-to-weight ratio (DIN) kg/kW 12.8 (13.0)  Output per litre kW/l 55.1  Acceleration 0–100 km/h s 8.5 (8.4)  in 5 <sup>th</sup> gear 80–120 km/h s 8.4 (–)  Top speed km/h 218 (216)  BMW EfficientDynamics  BMW EfficientDynamics  BMW EfficientDynamics  Brake Energy Regeneration with recuperation display, EPS (Electronal Power Steering), Auto Start Stop function, Optimum Shift Indicator ECO PRO mode with coasting function (with automatic transmission BMW EfficientLightweight, optimised aerodynamic attributes, activair flap control, on-demand operation of ancillary units, map-control oil pump, differential with optimized-warm-up behavior, tyres with		VIII	:1	-(0.673)
Final drive :1 3.389 (2.666)  Performance  Power-to-weight ratio (DIN) kg/kW 12.8 (13.0)  Output per litre kW/l 55.1  Acceleration 0–100 km/h s 8.5 (8.4)  in 5 <sup>th</sup> gear 80–120 km/h s 8.4 (–)  Top speed km/h 218 (216)  BMW EfficientDynamics  BMW EfficientDynamics  BMW EfficientDynamics  Brake Energy Regeneration with recuperation display, EPS (Electronal Power Steering), Auto Start Stop function, Optimum Shift Indicator ECO PRO mode with coasting function (with automatic transmission BMW EfficientLightweight, optimised aerodynamic attributes, activair flap control, on-demand operation of ancillary units, map-control oil pump, differential with optimized-warm-up behavior, tyres with		R	:1	
Performance  Power-to-weight ratio (DIN) kg/kW 12.8 (13.0)  Output per litre kW/l 55.1  Acceleration 0–100 km/h s 8.5 (8.4)  in 5 <sup>th</sup> gear 80–120 km/h s 8.4 (–)  Top speed km/h 218 (216)  BMW EfficientDynamics  BMW EfficientDynamics  Brake Energy Regeneration with recuperation display, EPS (Electron Power Steering), Auto Start Stop function, Optimum Shift Indicaton ECO PRO mode with coasting function (with automatic transmission BMW EfficientLightweight, optimised aerodynamic attributes, activair flap control, on-demand operation of ancillary units, map-control oil pump, differential with optimized-warm-up behavior, tyres with	Final drive		:1	
Power-to-weight ratio (DIN) kg/kW 12.8 (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 8.4 (–)  Top speed km/h 218 (216)  BMW EfficientDynamics  BMW EfficientDynamics Brake Energy Regeneration with recuperation display, EPS (Electronal Standard features Power Steering), Auto Start Stop function, Optimum Shift Indicator ECO PRO mode with coasting function (with automatic transmission BMW EfficientLightweight, optimised aerodynamic attributes, activair flap control, on-demand operation of ancillary units, map-control oil pump, differential with optimized-warm-up behavior, tyres with				
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     8.4 (-)       Top speed     km/h     218 (216)       BMW EfficientDynamics     Brake Energy Regeneration with recuperation display, EPS (Electred Power Steering), Auto Start Stop function, Optimum Shift Indicator ECO PRO mode with coasting function (with automatic transmission BMW EfficientLightweight, optimised aerodynamic attributes, actival air flap control, on-demand operation of ancillary units, map-control oil pump, differential with optimized-warm-up behavior, tyres with	Performance			
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     8.4 (-)       Top speed     km/h     218 (216)       BMW EfficientDynamics     Brake Energy Regeneration with recuperation display, EPS (Electred Power Steering), Auto Start Stop function, Optimum Shift Indicator ECO PRO mode with coasting function (with automatic transmission BMW EfficientLightweight, optimised aerodynamic attributes, actival air flap control, on-demand operation of ancillary units, map-control oil pump, differential with optimized-warm-up behavior, tyres with	Power-to-weight rat	io (DIN)	kg/kW	12.8 (13.0)
Acceleration 0–100 km/h s 8.5 (8.4)  in 5th gear 80–120 km/h s 8.4 (–)  Top speed km/h 218 (216)  BMW EfficientDynamics  BMW EfficientDynamics  Brake Energy Regeneration with recuperation display, EPS (Electr standard features Power Steering), Auto Start Stop function, Optimum Shift Indicaton ECO PRO mode with coasting function (with automatic transmission BMW EfficientLightweight, optimised aerodynamic attributes, activair flap control, on-demand operation of ancillary units, map-control oil pump, differential with optimized-warm-up behavior, tyres with				55.1
Top speed km/h 218 (216)  BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Standard features  Brake Energy Regeneration with recuperation display, EPS (Electronal Power Steering), Auto Start Stop function, Optimum Shift Indicatoration (with automatic transmission BMW EfficientLightweight, optimised aerodynamic attributes, activair flap control, on-demand operation of ancillary units, map-control oil pump, differential with optimized-warm-up behavior, tyres with		00 km/h	s	8.5 (8.4)
BMW EfficientDynamics BMW EfficientDynamics Brake Energy Regeneration with recuperation display, EPS (Electr standard features Power Steering), Auto Start Stop function, Optimum Shift Indicato ECO PRO mode with coasting function (with automatic transmission BMW EfficientLightweight, optimised aerodynamic attributes, activair flap control, on-demand operation of ancillary units, map-control oil pump, differential with optimized-warm-up behavior, tyres with	in 5 <sup>th</sup> gear 80–	120 km/h	S	8.4 (-)
BMW EfficientDynamics standard features Power Steering), Auto Start Stop function, Optimum Shift Indicato ECO PRO mode with coasting function (with automatic transmission BMW EfficientLightweight, optimised aerodynamic attributes, activair flap control, on-demand operation of ancillary units, map-control oil pump, differential with optimized-warm-up behavior, tyres with	Top speed		km/h	218 (216)
BMW EfficientDynamics standard features Power Steering), Auto Start Stop function, Optimum Shift Indicato ECO PRO mode with coasting function (with automatic transmission BMW EfficientLightweight, optimised aerodynamic attributes, activair flap control, on-demand operation of ancillary units, map-control oil pump, differential with optimized-warm-up behavior, tyres with				• • • • • • • • • • • • • • • • • • • •
standard features  Power Steering), Auto Start Stop function, Optimum Shift Indicato ECO PRO mode with coasting function (with automatic transmission BMW EfficientLightweight, optimised aerodynamic attributes, activ air flap control, on-demand operation of ancillary units, map-control oil pump, differential with optimized-warm-up behavior, tyres with	BMW EfficientDynan	nics		
ECO PRO mode with coasting function (with automatic transmission BMW EfficientLightweight, optimised aerodynamic attributes, activair flap control, on-demand operation of ancillary units, map-control oil pump, differential with optimized-warm-up behavior, tyres with	BMW EfficientDynan	nics	I	Brake Energy Regeneration with recuperation display, EPS (Electric
BMW EfficientLightweight, optimised aerodynamic attributes, activ air flap control, on-demand operation of ancillary units, map-control oil pump, differential with optimized-warm-up behavior, tyres with	standard features			Power Steering), Auto Start Stop function, Optimum Shift Indicator,
air flap control, on-demand operation of ancillary units, map-control oil pump, differential with optimized-warm-up behavior, tyres witl				
oil pump, differential with optimized-warm-up behavior, tyres with				
reduced rolling resistance, BMW Blue Performance technology				
including SCR catalytic converter				including SCR catalytic converter
Full community of Ell and	Foot consumer to a Fi	Laurala		
Fuel consumption EU cycle           Urban (NEDC)         ltr/100         5.5 – 5.1 (5.2 – 4.8)		) cycle	It=/100	EE E1(E2 / 0)
Extra-urban (NEDC)   Itr/100   5.5 - 5.1 (5.2 - 4.8)    Extra-urban (NEDC)   Itr/100   4.3 - 3.9 (4.3 - 4.0)				
Combined (NEDC) Itr/100 4.7 – 4.4 (4.7 – 4.3)				
Combined (NLDC)   Itt/100   4.7 - 4.3   4.7 - 4.5				
CO <sub>2</sub> (NEDC) q/km 125 – 115 (123 – 113)				
$\frac{\text{CO}_2(\text{WLTP})}{\text{CO}_2(\text{WLTP})}$ q/km $\frac{123-115(123-115)}{141-122(147-127)}$			•	
Emission rating Euro 6d			9,	

The fuel consumption,  $CO_2$  emissions, electric power consumption and electric range figures are determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany and the range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment.

All values were calculated based on the new WLTP test cycle. WLTP values are taken as the basis for determining vehicle-related taxes or other duties based (at least inter alia) on  $CO_2$  emissions as well as eligibility for any applicable vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures can also be found at www.bmw.de/wltp.

<sup>1)</sup> Oil change volume

## BMW 1 Series. 120d.

		BMW 120d
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 50
Tank capacity	approx. Itr	50
Engine oil <sup>1)</sup>	ltr	5.5
Weight, unladen, to DIN/EU	kg	
Max. load to DIN	kg	550
Max. permissible weight	kg kg	2000
Max. axle load, front/rear	kg kg	1085 / 985
Max. trailer load,	Ng_	10037 303
braked (12%)/unbraked	kg	1300/750
Max. roof load/towbar	kg	75 / 75
download	9	,5,,,5
Luggage comp. capacity	ltr	380 – 1200
Air resistance	c <sub>d</sub> x A	0.26 x 2.19
Engine		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, low-
	p	pressure turbocharger with variable inlet geometry, common rail direct
		fuel injection with solenoid injectors (max. injection pressure: 2500
		bar)
Effective capacity	cm <sup>3</sup>	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Output	kW/hp	140 / 190
at	rpm	4000
Torque	Nm	400
at	rpm	1750 – 2500
Floatrical Cyatam		
Electrical System Battery/Installation	Ah/-	70 / engine comp.
Buttery/installation	AII/	707 engine comp.
Driving Dynamics and Safety		
Suspension, front		Single-joint spring strut axle in lightweight aluminium-steel
Suspension, from		construction
Suspension, rear		Multi-link axle in lightweight steel construction with separate spring
, , , , , , , , , , , , , , , , , , , ,		and damper configuration
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),
		ADD: I I ( ) I I I I I I I I DDG
		ARB technology (actuator contiguous wheel slip limitation), DBC
- · ·		(Dynamic Brake Control), Dry Braking function, fading compensation,
,		(Dynamic Brake Control), Dry Braking function, fading compensation, Start-Off Assistant, EDLC (Electronic Differential Lock Control),
		(Dynamic Brake Control), Dry Braking function, fading compensation, Start-Off Assistant, EDLC (Electronic Differential Lock Control), Performance Control, trailer stability control; optional: M Sport
		(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		(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 Standard: airbags for driver and front passenger, side airbags for
		(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 Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats,
		(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 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
		(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 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
Safety equipment		(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 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
		(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 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 Electromechanical rack-and-pinion power steering (EPS) with
Safety equipment Steering	ı	(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 Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags forfront 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 Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: M Sport steering
Safety equipment  Steering  Steering ratio, overall		(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  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  Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: M Sport steering
Safety equipment Steering	ı	(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 Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags forfront 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 Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: M Sport steering

		BMW 120d
Transmission		
Type of gearbox		8-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	10.4
Output per litre	kW/I	70.2
Acceleration 0–100 km/h	s	7.3
Top speed	km/h	231
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, active air flap control, on-demand operation of ancillary units, map-controlled oil pump, differential with optimized-warm-up behavior, tyres with reduced rolling resistance, BMW Blue Performance technology including SCR catalytic converter
Fuel consumption EU cycle		
Urban (NEDC)	ltr/100	5.0 – 4.8
Extra-urban (NEDC)	ltr/100	4.5 – 4.1
Combined (NEDC)	ltr/100	4.7 – 4.3
Combined (WLTP)	ltr/100	5.6 – 4.9
CO <sub>2</sub> (NEDC)	g/km	123 – 114
CO₂ (WLTP)	g/km	146 – 129
Emission rating		Euro 6d

The fuel consumption,  $CO_2$  emissions, electric power consumption and electric range figures are determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany and the range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment.

All values were calculated based on the new WLTP test cycle. WLTP values are taken as the basis for determining vehicle-related taxes or other duties based (at least inter alia) on  $CO_2$  emissions as well as eligibility for any applicable vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures can also be found at www.bmw.de/wltp.

<sup>1)</sup> Oil change volume

# BMW 1 Series. 120d xDrive.

		BMW 120d xDrive
Dadu		
Body		Γ / Γ
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
Tank capacity	approx.	50
rain capacity	ltr	30
Engine oil 1)	ltr	5.5
Weight, unladen, to DIN/EU	kg	
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. roof load/towbar	kg	75 / 75
download	κg	73173
	la	200 1200
Luggage comp. capacity	ltr	380 – 1200
<u>Air resistance</u>	c <sub>d</sub> x A	0.27 x 2.19
Engine		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, low-
55,		ressure turbocharger with variable inlet geometry, common rail direct
	۲	fuel injection with solenoid injectors (max. injection pressure: 2500
		bar)
Effective servesity.	3	<u> </u>
Effective capacity	cm <sup>3</sup>	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Output	kW/hp	140 / 190
at	rpm	4000
	Nm	400
Torque		
<u>at</u>	rpm	1750 – 2500
Electrical System		
Battery/Installation	Ah/–	70 / engine comp.
Driving Dynamics and Safety		
Suspension, front		Single-joint spring strut axle in lightweight aluminium-steel
Saspension, none		construction
Cuenoncian roor		Multi-link axle in lightweight steel construction with separate spring
Suspension, rear		
		and damper configuration
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),
		ARB technology (actuator contiguous wheel slip limitation), DBC
	ſ	(Dynamic Brake Control), Dry Braking function, fading compensation,
	,	Start-Off Assistant, EDLC (Electronic Differential Lock Control),
		Performance Control, trailer stability control, xDrive all-wheel-drive
	_	
	3	system networked with DSC; optional: M Sport suspension, Adaptive
		suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for
Safety equipment		driver and front passenger, head airbags for front and rear seats,
Safety equipment		driver and front passenger, head airbags for front and rear seats, hree-point inertia-reel seatbelts on all seats with belt latch tensioner
Safety equipment		driver and front passenger, head airbags for front and rear seats,
Safety equipment		driver and front passenger, head airbags for front and rear seats, hree-point inertia-reel seatbelts on all seats with belt latch tensioner
		driver and front passenger, head airbags for front and rear seats, hree-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator
Safety equipment Steering		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  Electromechanical rack-and-pinion power steering (EPS) with
Steering	(	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  Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: M Sport steering
Steering Steering ratio, overall		driver and front passenger, head airbags for front and rear seats, hree-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator  Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: M Sport steering  15.0
Steering	(	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  Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: M Sport steering

		BMW 120d xDrive
Transmission		
Type of gearbox		8-speed Steptronic transmission
Gear ratios I	:1	5.519
<u></u>		3.184
		2.050
IV		1.492
\	<u>'</u> :1	1.235
V	:1	1.000
VI	:1	0.801
VII	:1	0.673
F	: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
Top speed	km/h	230
BMW EfficientDynamics		
BMW EfficientDynamics		Brake Energy Regeneration with recuperation display, EPS (Electric
standard features		Power Steering), Auto Start Stop function, Optimum Shift Indicator,
		ECO PRO mode with coasting function, BMW EfficientLightweight,
		optimised aerodynamic attributes, active air flap control, on-demand
		operation of ancillary units, map-controlled oil pump, differential with
		optimized-warm-up behavior, efficiency-optimised all-wheel drive,
		tyres with reduced rolling resistance,
		BMW Blue Performance technology including SCR catalytic converter
Fuel consumption EU cycle	1. /4.00	
Urban (NEDC)	ltr/100	5.7 - 5.4
Extra-urban (NEDC)	Itr/100	4.7 – 4.3
Combined (NEDC)	ltr/100	<u>5.1 – 4.7</u>
Combined (WLTP) CO <sub>2</sub> (NEDC)	<u>    Itr/100</u> g/km	5.8 – 5.1 133 – 124
CO <sub>2</sub> (WLTP)	g/km	155 - 124 152 - 134
Emission ratina	y/KIII	132 - 134 Euro 6d
LITTISSION TURNING		Luio ou

The fuel consumption,  $CO_2$  emissions, electric power consumption and electric range figures are determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany and the range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment.

All values were calculated based on the new WLTP test cycle. WLTP values are taken as the basis for determining vehicle-related taxes or other duties based (at least inter alia) on  $CO_2$  emissions as well as eligibility for any applicable vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures can also be found at www.bmw.de/wltp.

<sup>1)</sup> Oil change volume