



		BMW 116i	
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	
Tank capacity	approx. ltr	42	
Engine oil 1)	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,	kg	1400 / 005 /4400 / 705)	
braked (12%)/unbraked		1100 / 695 (1100 / 705)	
Max. roof load/towbar download	kg	75/75	
Luggage comp. capacity	ltr	380 - 1200	
Air resistance	c _d x A	0.27 x 2.19	
Engine			
Config./No. of cyls./valves		in-line / 3 / 4	
Engine technology	BI	VW TwinPower Turbo technology: turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing	
Effective capacity	cm ³	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 Cofety			
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	
Suspension, real		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 suspension		
Safety equipment	f	tandard: airbags for driver and front passenger, side airbags for driver and ront passenger, head airbags for front and rear seats, three-point inertia- eel 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: M Sport steering	
Steering ratio, overall	:1	15.0	
Tyres, front/rear		205/55 R16 91W	
Rims, front/rear		7J x 16	

			BMW 116i
Transmissio	n		
Type of gearb	OX		Six-speed manual (seven-speed Steptronic dual-clutch transmission)
Gear ratios		:1	3.615 (16.324)
		:1	1.952 (9.773)
		:1	1.241 (6.558)
	IV	:1	0.969 (4.983)
	V	:1	0.806 (4.129)
	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-weig	ght ratio (DIN)	kg/kW	16.5 (16.8)
Output per litre	e	kW/l	53.4
Acceleration	0–100 km/h	S	10.6 (10.6)
in 5 th gear	80–120 km/h	S	12.6 (–)
Top speed		km/h	200 (200)
BMW Efficie	ntDynamics		
BMW EfficientDynamics			Brake Energy Regeneration with recuperation display, Electric Power
standard featu	ires		Steering, Auto Start Stop function, Optimum Shift Indicator, ECO PRO ar COMFORT mode with coasting function (with automatic transmission), ntelligent lightweight construction, optimised aerodynamic attributes, acti
		П	air flap control, on-demand operation of ancillary units, map-regulated oi

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	ltr/100 km	7.0 – 6.8 (6.1 – 5.8)	
Extra-urban	ltr/100 km	5.1 - 4.6 (5.0 - 4.6)	
Combined	ltr/100 km	5.8 – 5.4 (5.5 – 5.1)	
CO ₂	g/km	133 – 124 (125 – 116)	
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

¹⁾ Oil change volume

The values for fuel consumption, CO_2 emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

BMW 118i.	1 Series.	

		BMW 118i		
Body		<i>Г Г </i>		
No. of doors/seats		<u> </u>		
Length/width/height (unladen)	mm			
Wheelbase Track front/roor	mm			
Track, front/rear Ground clearance	mm	153		
Turning circle	m	11.4		
Tank capacity	approx. Itr	42		
Engine oil 1)	ltr	4.5		
Weight, unladen, to DIN/EU	kg	1290 / 1365 (1320 / 1395)		
Max. load to DIN	kg	555 (550)		
Max. permissible weight	kg	1845 (1870)		
Max. axle load, front/rear	kg	980 / 940 (1005 / 940)		
Max. trailer load,	kg			
braked (12%)/unbraked		1300 / 680 (1300 / 695)		
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 / 3 / 4		
Engine technology	B	BMW TwinPower Turbo technology: turbocharger, High Precision Injection,		
		VALVETRONIC fully variable valve timing, Double-VANOS variable		
		camshaft timing		
Effective capacity	cm ³	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		
Electrical System				
Battery/Installation	Ah/-	60 / engine comp.		
Battorymiotanotion				
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),		
	A	ARB technology (actuator contiguous wheel slip limitation), DBC (Dynamic		
	Brake Control), Dry Braking function, fading compensation, Start-Off			
	A	ssistant, EDLC (Electronic Differential Lock Control), Performance Control		
Cafatu and increased		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 Indicator		
Staaring				
Steering		Electromechanical rack-and-pinion power steering (EPS) with		
Stooring ratio overall	:1	Servotronic function; optional: M Sport steering		
Steering ratio, overall	:1	15.0 205/55 D16 01W		
Tyres, front/rear		205/55 R16 91W		
Rims, front/rear		7J x 16 LM		

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			BMW 118i
Transmission	1		
Type of gearbo	X		Six-speed manual (seven-speed Steptronic dual-clutch transmission)
Gear ratios		:1	3.615 (16.385)
	I	:1	1.952 (9.664)
		: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-weigl	ht ratio (DIN)	kg/kW	12.9 (13.2)
Output per litre	9	kW/I	66.7
Acceleration	0–100 km/h	S	8.9 (8.8)
in 5 th gear	80–120 km/h	S	10.6 (–)
Top speed		km/h	213 (213)
BMW Efficien	ntDynamics		
BMW Efficient[Dynamics		Brake Energy Regeneration with recuperation display, Electric Power
standard featur	res	ç	Steering, Auto Start Stop function, Optimum Shift Indicator, ECO PRO a

COMFORT 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 El	J cycle		
Urban	ltr/100 km	7.5 – 7.1 (6.5 – 5.9)	
Extra-urban	ltr/100 km	4.9 - 4.5 (4.6 - 4.3)	
Combined	ltr/100 km	5.9 – 5.5 (5.3 – 4.9)	
CO ₂	g/km	135 – 126 (121 – 113)	
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

¹⁾ Oil change volume

The values for fuel consumption, CO₂ emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

ies.	
	BMW 120i
	5/5
mm	4319 / 1799 / 1434
mm	2670
mm	1561 / 1561
	<u> </u>
	50
	5.25
	1390 / 1465
kg	530
kg	1920
kg	1035 / 955
kg	1000 / 700
1	1300 / 730
	<u> </u>
Cd X A	
	in-line / 4 / 4
I	BMW TwinPower Turbo technology: turbocharger, High Precision Injectic VALVETRONIC fully variable valve timing, Double-VANOS variable
	camshaft timing
cm ³	1998
mm	94.6 / 82.0
:1	11.0
	min. RON 91
kW/hp	131 / 178
rpm	5000 - 5500
ipin	
Ah/_	70 / engine comp.
	Single-joint spring strut axle in lightweight aluminium-steel construction
	Multi-link axle in lightweight steel construction with separate spring and
	damper configuration Single-piston floating-calliper disc brakes, vented
	Single-piston floating-calliper disc brakes, vented
	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control),
	ARB technology (actuator contiguous wheel slip limitation), DBC (Dynami
	Brake Control), Dry Braking function, fading compensation, Start-Off
A	Assistant, EDLC (Electronic Differential Lock Control), Performance Contr
	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
	mm mm mm approx. ltr kg kg kg kg kg ltr Cd X A Cd X A

nstallation	An/–	/0 / engine comp.
Dynamics and Safety		
ion, front	Si	ngle-joint spring strut axle in lightweight aluminium-steel construction
ion, rear	M	ulti-link axle in lightweight steel construction with separate spring and
		damper configuration
ront		Single-piston floating-calliper disc brakes, vented
ear		Single-piston floating-calliper disc brakes, vented
tability systems	:	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control),
	AR	B technology (actuator contiguous wheel slip limitation), DBC (Dynamic
		Brake Control), Dry Braking function, fading compensation, Start-Off
	Assi	stant, EDLC (Electronic Differential Lock Control), Performance Control,
	tra	ler stability control; optional: M Sport suspension, adaptive suspension
quipment	Sta	ndard: airbags for driver and front passenger, side airbags for driver and
	fro	nt passenger, head airbags for front and rear seats, three-point inertia-
	ree	el seatbelts on all seats with belt latch tensioner and belt force limiter at
		the front seats, crash sensors, Tyre Pressure Indicator

the front seats, crash sensors, Tyre Pressure Indicator		
Electromechanical rack-and-pinion power steering (EPS) with		
Servotronic function; optional: M Sport steering		
:1	15.0	
	225/45 R17 94Y XL	
	7.5J x 17 light-alloy	
	Ele :1	

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			BMW 120i
Transmissior	n		
Type of gearbo	ХХ		Seven-speed Steptronic dual-clutch transmission
Gear ratios		:1	15.304
		:1	9.026
		: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-weig	ht ratio (DIN)	kg/kW	10.6
Output per litre	9	kW/l	65.6
Acceleration	0–100 km/h	S	7.0
Top speed		km/h	235

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, active air flap control, ondemand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance

Fuel consumption EU	cycle		
Urban	ltr/100 km	7.0 - 6.9	
Extra-urban	ltr/100 km	5.1 - 4.6	
Combined	ltr/100 km	5.8 - 5.5	
CO ₂	g/km	134 – 126	
Emission rating		Euro 6d	

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

¹⁾ Oil change volume

The values for fuel consumption, CO_2 emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

BMW 1 Seri	es.	
128ti.		
		BMW 128ti
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 Turning circle	mm	<u> </u>
Tank capacity	approx. ltr	50
Engine oil 1)	approx. Itr	5.25
Weight, unladen, to DIN/EU	kg	1445 / 1520
Max. load to DIN	kg	555
Max. permissible weight	kg	2000
Max. axle load, front/rear	kg	1085 / 990
Max. trailer load,	kg	
braked (12%)/unbraked		-/-
Max. roof load/towbar download	kg	75/-
Luggage comp. capacity Air resistance	ltr cd x A	<u> </u>
Engine		in-line / 4 / 4
Config./No. of cyls./valves Engine technology	F	BMW TwinPower Turbo technology: turbocharger, High Precision Injectio
Lingine technology	L	VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
Effective capacity	cm ³	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	9.5
Fuel	114/2	min. RON 91
Output	kW/hp	195/265
at Torque	rpm Nm	<u> </u>
Torqueat	rpm	1750 – 4500
Electrical System Battery/Installation	Ah/–	70 / engine comp.
Datterynnstallation	An/-	707 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 (Dynami
		Brake Control), Dry Braking function, fading compensation, Start-Off
	Ą	Assistant, EDLC (Electronic Differential Lock Control), Performance Contr
		M Sport suspension, front axle with mechanical differential lock
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver an front passenger, bead airbags for front and rear seats, three point inertia
		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 a
		the front seats, crash sensors, Tyre Pressure Indicator
Steering		Electromechanical rack-and-pinion power steering (EPS) with
J		Servotronic function
Steering ratio overall	•1	15.0

ith 15.0 Steering ratio, overall :1 Tyres, front/rear Rims, front/rear 225/40 R18 92Y XL 8J x 18 light-alloy

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			BMW 128ti
Transmission			
Type of gearbox			Eight-speed Steptronic Sport transmission
Gear ratios	I	:1	5.519
		:1	3.184
		: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	2.955
Performance			
Power-to-weight ra	tio (DIN)	kg/kW	7.4
Output per litre		kW/I	97.6
Acceleration 0-	–100 km/h	S	6.1
Top speed		km/h	250
BMW EfficientDy	namics		
BMW EfficientDyna	amics		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, 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 EU	cycle		
Urban	ltr/100 km	7.7 – 7.5	
Extra-urban	ltr/100 km	5.7 – 5.2	
Combined	ltr/100 km	6.4 - 6.1	
CO ₂	g/km	148 – 139	
Emission rating		Euro 6d	

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

¹⁾ Oil change volume

The values for fuel consumption, CO_2 emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

BMW 1 Series. M135i xDrive.

		BMW M135i xDrive
Body		F / F
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	<u> </u>
Turning circle	m	
Tank capacity Engine oil ¹⁾	approx. ltr	50 5.25
	ltr	
Weight, unladen, to DIN/EU	kg	1525 / 1600
Max. load to DIN	kgkg	<u> </u>
Max. permissible weight	kg	
Max. axle load, front/rear	kg	1120 / 1020
Max. trailer load,	kg	1
braked (12%)/unbraked		-/- 75/-
Max. roof load/towbar download	kg	
Luggage comp. capacity	ltr	380 - 1200
Air resistance	c _d x A	0.34 x 2.19
Engine		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology	F	BMW TwinPower Turbo technology: turbocharger, High Precision Injection,
Engine teermology		VALVETRONIC fully variable valve timing, Double-VANOS variable
		camshaft timing
Effective capacity	cm ³	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
Electrical System		
Battery/Installation	Ah/–	70 / engine comp.
Driving Dynamics and Safety		Circula iniziat contra ata tanta in linktu circlet al anizi un ata di construction
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

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			BMW M135i xDrive	
Transmission				
Type of gearbox			Eight-speed Steptronic Sport transmission	
Gear ratios		:1	5.519	
		:1	3.184	
		: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 ı	ratio (DIN)	kg/kW	6.8	
Output per litre		kW/I	112.6	
Acceleration	0–100 km/h	S	4.8	
Top speed		km/h	250	
BMW EfficientD	ynamics			
BMW EfficientDyr	namics		ake 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, intelligent lightweight		
		cons	struction, optimised aerodynamic attributes, active air flap control, on-	
			nand operation of ancillary units, map-regulated oil pump, differential	
		with	n optimised warm-up behaviour, efficiency-optimised all-wheel drive,	
			tyres with reduced rolling resistance	

Fuel consumption EU	cycle		
Urban	ltr/100 km	8.2 – 7.5	
Extra-urban	ltr/100 km	5.9 – 5.6	
Combined	ltr/100 km	6.7 – 6.3	
CO ₂	g/km	155 – 145	
Emission rating		Euro 6d	

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

¹⁾ Oil change volume

The values for fuel consumption, CO_2 emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

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	
Tank capacity	approx. ltr	42	
Engine oil 1)	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,	kg		
braked (12%)/unbraked	9	1025 / 980 (1040 / 980)	
Max. roof load/towbar download	kg	75/75	
Luggage comp. capacity	ltr	380 – 1200	
Air resistance	Cd X A	0.26 x 2.19	
		0.20 × 2.13	
Engine			
Config./No. of cyls./valves		in-line / 3 / 4	
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet	
		geometry, common rail direct fuel injection with solenoid injectors (max.	
		injection pressure: 2200 bar)	
Effective capacity	cm ³	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.	
Datterynnstallation	An/-	707 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		
	А	ssistant, EDLC (Electronic Differential Lock Control), Performance Control trailer stability control; optional: M Sport suspension	
Safety equipment	Ç	Standard: airbags for driver and front passenger, side airbags for driver and	
		front passenger, head airbags for front and rear seats, three-point inertia-	
		none passenger, nead an bags for none and real seals, three-point mentia-	
		reel seatbelts on all seats with belt latch tensioner and belt force limiter at	
		reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator	
Steering		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		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		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		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	

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			BMW 116d
Transmissior	า		
Type of gearbo	X		Six-speed manual (seven-speed Steptronic dual-clutch transmission)
Gear ratios		:1	3.923 (16.385)
	I	: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)
	R	:1	3.538 (14.898)
Final drive		:1	3.389 (3.944)
Power-to-weig Output per litre		kg/kW kW/l	16.2 (16.3) 56.8
Acceleration	9 0–100 km/h	KVV/I S	10.3 (10.1)
in 5 th gear	80–120 km/h		11.5 (–)
Top speed		km/h	200 (200)
BMW Efficier	ntDynamics		
BMW Efficient		E	Brake Energy Regeneration with recuperation display, EPS (Electric Pow
standard featu	res		Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRC mode with coasting function (with automatic transmission),
		F	BMW EfficientLightweight, optimised aerodynamic attributes, active air f
			control, on-demand operation of ancillary units, map-controlled oil pum
			differential with optimized-warm-up behavior, tyres with reduced rolling
			resistance, BMW Blue Performance technology including SCR catalytic
			converter

Fuel consumption EU	cycle	
Urban	ltr/100 km	4.9 - 4.4 (4.4 - 4.2)
Extra-urban	ltr/100 km	3.8 - 3.4 (3.9 - 3.6)
Combined	ltr/100 km	4.2 - 3.8 (4.1 - 3.8)
CO ₂	g/km	110 – 100 (108 – 99)
Emission rating		Euro 6d

converter

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

¹⁾ Oil change volume

The values for fuel consumption, CO_2 emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

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	1561 / 1561
Ground clearance	mm	153
Turning circle	m	11.4
Tank capacity	approx. ltr	42
Engine oil 1)	ltr	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,	kg	
braked (12%)/unbraked		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 turbocharging, low-
		pressure turbocharger with variable inlet geometry, common rail direct fuel
		injection with solenoid injectors (max. injection pressure: 2500 bar)
Effective capacity	CM3	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Output	kW/hp	110 / 150
at	rpm	4000
Torque	Nm	350
at	rpm	1750 – 2500
Electrical System		
Electrical System Battery/Installation	Ah/-	70 / engine comp.
Datterymistaliation	AII/-	707 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
	A	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
Cha ania a		the front seats, crash sensors, Tyre Pressure Indicator
Steering		Electromechanical rack-and-pinion power steering (EPS) with
Stooring ratio overall	.1	Servotronic function; optional: M Sport steering
Steering ratio, overall	:1	15.0 206/55 D16 01W
Tyres, front/rear		205/55 R16 91W
Rims, front/rear		7J x 16 LM

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			BMW 118d
Transmissio	n		
Type of gearbo	сх		Six-speed manual (8-speed Steptronic transmission)
Gear ratios		:1	3.923 (5.519)
		:1	2.136 (3.184)
		: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-weig	ht ratio (DIN)	kg/kW	12.8 (13.0)
Output per litre	9	kW/I	55.1
Acceleration	0–100 km/h	S	8.5 (8.4)
in 5 th gear	80–120 km/h	S	8.4 (-)
Top speed		km/h	218 (216)
BMW Efficier	ntDynamics		
BMW Efficient	Dynamics	Bra	ke Energy Regeneration with recuperation display, EPS (Electric Powe
standard features		Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO	
			mode with coasting function (with automatic transmission),
		BM	W EfficientLightweight, optimised aerodynamic attributes, active air fla
		CO	ntrol, on-demand operation of ancillary units, map-controlled oil pump,
		d	ifferential with optimized-warm-up behavior, tyres with reduced rolling
		rc	pistanan PMM/ Plus Performance technology including SCP establish

converter Fuel consumption EU cycle ltr/100 km 5.3 - 4.9 (5.0 - 4.7) Urban 4.0 - 3.7 (4.1 - 3.8) Extra-urban ltr/100 km Combined ltr/100 km 4.5 - 4.1 (4.4 - 4.1) 117 – 108 (117 – 108) CO_2 g/km Emission rating Euro 6d

resistance, BMW Blue Performance technology including SCR catalytic

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

¹⁾ Oil change volume

The values for fuel consumption, CO₂ emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

BMW [·]	1	Series.
120d.		

		BMW 120d
Body		<i></i>
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. ltr	50
Engine oil 1)	ltr	5.5
Weight, unladen, to DIN/EU	kg	1450 / 1525
Max. load to DIN	kg	550
Max. permissible weight	kg	2000
Max. axle load, front/rear	kg	1085 / 985
Max. trailer load,	kg	
braked (12%)/unbraked		1300 / 750
Max. roof load/towbar download	kg	75/75
Luggage comp. capacity	ltr	380 – 1200
Air resistance	c _d 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-
	þ	pressure turbocharger with variable inlet geometry, common rail direct fuel
		injection with solenoid injectors (max. injection pressure: 2500 bar)
Effective capacity	cm ³	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
Electrical System		
Battery/Installation	Ah/-	70 / engine comp.
	7-411/	To rengine 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
Deltas fast		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),
	A	ARB technology (actuator contiguous wheel slip limitation), DBC (Dynamic
		Brake Control), Dry Braking function, fading compensation, Start-Off
		ssistant, 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 Indicator
Steering		Electromechanical rack-and-pinion power steering (EPS) with
-		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	

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			BMW 120d	
Fransmissior	1			
Type of gearbo	X		8-speed Steptronic transmission	
Gear ratios		:1	5.519	
		:1	3.184	
		: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	
Power-to-weig Output per litre)	kg/kW kW/l	10.4 70.2	
Acceleration	0–100 km/h	S	7.3	
Top speed		km/h	231	
BMW Efficier				
BMW Efficient	,		ake Energy Regeneration with recuperation display, EPS (Electric Powe	
standard features		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	
		and	illary units, map-controlled oil pump, differential with optimized-warm-u	
			behavior, tyres with reduced rolling resistance,	
			BMW Blue Performance technology including SCR catalytic converter	
	ption EU cycle			
Jrban		ltr/100 km	5.3 - 4.9	

Fuel consumption	EU cycle		
Urban	ltr/100 km	5.3 - 4.9	
Extra-urban	ltr/100 km	4.2 - 3.9	
Combined	ltr/100 km	4.6 - 4.3	
CO ₂	g/km	121 – 112	
Emission rating		Euro 6d	

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

¹⁾ Oil change volume

The values for fuel consumption, CO₂ emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

BMW 1 Series. 120d xDrive.

		BMW 120d xDrive
De de		
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	approx. ltr	50
Engine oil 1)	ltr	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,	kg	110371020
braked (12%)/unbraked	Ng	1500 / 750
Max. roof load/towbar download	kg	75/75
Luggage comp. capacity	ltr	380 – 1200
Air resistance	Cd X A	0.27 x 2.19
Airresistance	CaxA	0.27 × 2.15
Engine		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, low-
	р	ressure turbocharger with variable inlet geometry, common rail direct fuel
		injection with solenoid injectors (max. injection pressure: 2500 bar)
Effective capacity	cm ³	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
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),	
	А	RB technology (actuator contiguous wheel slip limitation), DBC (Dynamic
		Brake Control), Dry Braking function, fading compensation, Start-Off
	As	sistant, EDLC (Electronic Differential Lock Control), Performance Control
		railer stability control, xDrive all-wheel-drive system networked with DSC;
		optional: M Sport suspension, Adaptive suspension
Safety equipment	S	tandard: airbags for driver and front passenger, side airbags for driver and
		ront passenger, head airbags for front and rear seats, three-point inertia-
	r	eel 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: M Sport steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		225/45 R17 94Y XL
,,		

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		BMW 120d xDrive
Transmission		
Type of gearbox		8-speed Steptronic transmission
Gear ratios I	:1	5.519
	∥ :1	3.184
	III :1	2.050
	V :1	1.492
	V :1	1.235
,	√I :1	1.000
	/II :1	0.801
V	III :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/I	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 Power
standard features		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
	i	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	•	
Urban	ltr/100 km	5.4 – 5.1
Extra-urban	ltr/100 km	4.4 - 4.1
Combined	ltr/100 km	4.8 - 4.5
CO ₂	g/km	126 – 118
Emission rating		Euro 6d

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

¹⁾ Oil change volume

The values for fuel consumption, CO_2 emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.