



		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,			
braked (12%)/unbraked	kg	1100 / 695 (1100 / 705)	
Max. roof load/towbar download	kg	75/75	
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	B	MW TwinPower Turbo technology: turbocharger, High Precision 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 construction	
Suspension, rear		Multi-link axle in lightweight steel construction with separate spring and	
Brakes, front		damper configuration 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		
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
Transmissior	1		
Type of gearbo	X		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	ht ratio (DIN)	kg/kW	16.5 (16.8)
Jutput per litre	9	kW/I	53.4
Acceleration	0–100 km/h	S	10.6 (10.6)
n 5 <sup>th</sup> gear	80–120 km/h	S	12.6 (–)
Top speed		km/h	200 (200)
BMW Efficier	ntDynamics		
BMW Efficient	- Dynamics		Brake Energy Regeneration with recuperation display, Electric Power
standard featur	roc	c	Steering, Auto Start Ston function, Ontimum Shift Indicator, ECO PRO

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 (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 EU cy	cle	
Urban (NEDC)	ltr/100 km	7.0 – 6.8 (6.1 – 5.8)
Extra-urban (NEDC)	ltr/100 km	5.1 - 4.6 (5.0 - 4.6)
Combined (NEDC)	ltr/100 km	5.8 – 5.4 (5.5 – 5.1)
Combined (WLTP)	ltr/100 km	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 (155 – 132)
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

Fuel consumption, CO<sub>2</sub> emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO<sub>2</sub> emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at www.bmw.com/wltp.

BMW 1 Sei 118i.	ries.	
		BMW 118i
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	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.		

	ng	12301 1000 (10201 1030)
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,		
braked (12%)/unbraked	kg	1300 / 680 (1300 / 695)
Max. roof load/towbar download	kg	75/75
Luggage comp. capacity	ltr	380 – 1200
Air resistance	c <sub>d</sub> x A	0.26 x 2.19

#### Engine

IVIAX. LI AIIEI IUAU,		
braked (12%)/unbraked	kg	1300 / 680 (1300 / 695)
Max. roof load/towbar download	kg	75/75
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 / 3 / 4
Engine technology	BMW	TwinPower Turbo technology: turbocharger, High Precision Injection,
	V	ALVETRONIC fully variable valve timing, Double-VANOS variable
		camshaft timing
Effective capacity	cm <sup>3</sup>	1499

Encourte capacity	0.11		
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

Driving Dynamics and Safe	tv	
Battery/Installation	Ah/–	60 / engine comp.

Driving Dynamics and Safety		
Suspension, front	Single-joint spring strut axle in lightweight aluminium-stee	el construction
Suspension, rear	Multi-link axle in lightweight steel construction with separa	ate spring and
	damper configuration	
Brakes, front	Single-piston floating-calliper disc brakes, ven	ted
Brakes, rear	Single-piston floating-calliper disc brakes	
Driving stability systems	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traci	tion Control),
	ARB technology (actuator contiguous wheel slip limitation),	, DBC (Dynamic
	Brake Control), Dry Braking function, fading compensati	on, Start-Off
	Assistant, EDLC (Electronic Differential Lock Control), Perfo	ormance Control,
	trailer stability control; optional: M Sport suspen	sion
Safety equipment	Standard: airbags for driver and front passenger, side airbag	gs for driver and
	front passenger, head airbags for front and rear seats, thre	e-point inertia-
	reel seatbelts on all seats with belt latch tensioner and belt	force limiter at
	the front seats, crash sensors, Tyre Pressure Ind	icator
Steering	Electromechanical rack-and-pinion power steering (B	EPS) with
	Servotronic function; optional: M Sport steering	ng
Steering ratio, overall	:1 15.0	
Tyres, front/rear	205/55 R16 91W	
Rims, front/rear	7J x 16 LM	

			BMW 118i
Transmissior	า		
Type of gearbo	X		Six-speed manual (seven-speed Steptronic dual-clutch transmission)
Gear ratios		:1	3.615 (16.385)
		: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-weig	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 <sup>th</sup> gear	80–120 km/h	S	10.6 (–)
Top speed		km/h	213 (213)
BMW Efficier	ntDynamics		
BMW Efficient	Dynamics		Brake Energy Regeneration with recuperation display, Electric Power

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 (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 EU cy	/cle		
Urban (NEDC)	ltr/100 km	7.5 – 7.1 (6.5 – 5.9)	
Extra-urban (NEDC)	ltr/100 km	4.9 - 4.5 (4.6 - 4.3)	
Combined (NEDC)	ltr/100 km	5.9 – 5.5 (5.3 – 4.9)	
Combined (WLTP)	ltr/100 km	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	151 – 129 (151 – 129)	
Emission rating		Euro 6d	

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

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

Informatior

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	approx. ltr	50
Engine oil 1)	ltr	5.25
Weight, unladen, to DIN/EU	kg	1390 / 1465
Max. load to DIN	kg	530
Max. permissible weight	kg	1920
Max. axle load, front/rear	kg	1035 / 955
Max. trailer load,		
braked (12%)/unbraked	kg	1300 / 730
Max. roof load/towbar download	kg	75/75
Luggage comp. capacity	ltr	380 – 1200
Air resistance	Cd X A	0.28 x 2.19
Engine		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology	BM	W TwinPower Turbo technology: turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
Effective capacity	cm <sup>3</sup>	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0 min DON 01
Fuel		min. RON 91
Output	kW/hp	131/178
at	rpm	5000 - 5500
Torque	Nm	280
at	rpm	1350 – 4200
Electrical System		
Battery/Installation	Ah/–	70 / engine comp.
Driving Dynamics and Safety		
Suspension, front		ingle-joint spring strut axle in lightweight aluminium-steel construction
Suspension, rear		fulti-link axle in lightweight steel construction with separate spring and
Caspension, real		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	Sta	ndard: airbags for driver and front passenger, side airbags for driver and
	frc	ont passenger, head airbags for front and rear seats, three-point inertia-
		el 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
5		Servotronic function; optional: M Sport steering
Steering ratio, overall	:1	15.0
Steering ratio, overall Tyres, front/rear Rims, front/rear		15.0 225/45 R17 94Y XL 7.5J x 17 light-alloy

		BMW 120i
Transmission		
Type of gearbox		Seven-speed Steptronic dual-clutch transmission
Gear ratios I	:1	15.304
	II :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
inal drive	:1	3.684
Performance		
Power-to-weight ratio (DIN)	kg/kW	10.6
Output per litre	kW/I	65.6
Acceleration 0–100 km/h	S	7.0
lop 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 cy	/cle		
Urban (NEDC)	ltr/100 km	7.0 - 6.9	
Extra-urban (NEDC)	ltr/100 km	5.1 – 4.6	
Combined (NEDC)	ltr/100 km	5.8 – 5.5	
Combined (WLTP)	ltr/100 km	6.9 - 6.0	
CO <sub>2</sub> (NEDC)	g/km	134 – 126	
CO <sub>2</sub> (WLTP)	g/km	157 – 137	
Emission rating		Euro 6d	

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

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

BMW	1	Series.
128ti.		

		BMW 128ti		
Body		<b>F</b> / <b>F</b>		
No. of doors/seats		5/5		
Length/width/height (unladen)	mm	4319 / 1799 / 1434		
Wheelbase	mm	2670		
Track, front/rear	mm	1560 / 1563		
Ground clearance	mm	153		
Turning circle	m	11.4		
Tank capacity	approx. ltr	50		
Engine oil 1)	ltr	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,				
braked (12%)/unbraked	kg	_   _		
Max. roof load/towbar download	kg	75/-		
Luggage comp. capacity	ltr	380 – 1200		
Air resistance	Cd X A	0.32 x 2.19		
	CaxA	0.02 x 2.15		
Engine				
Config./No. of cyls./valves		in-line / 4 / 4		
Engine technology	BN	BMW TwinPower Turbo technology: turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable		
Effective econocity		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	195 / 265		
at	rpm	4750 – 6500		
Torque	Nm	400		
at	rpm	1750 – 4500		
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		
	I	damper configuration		
Brakes, front		Gamper configuration 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 Contro M Sport suspension, front axle with mechanical differential lock			
Safety equipment		tandard: airbags for driver and front passenger, side airbags for driver and		
ourory oquipmont	fi	ront passenger, head airbags for front and rear seats, three-point inertia-		
		and a state of the state of the state of the first of the state of the state of the first of the state of the		
Gulory oquipmont	re	eel seatbelts on all seats with belt latch tensioner and belt force limiter at		
	re	the front seats, crash sensors, Tyre Pressure Indicator		
Steering	re	the front seats, crash sensors, Tyre Pressure Indicator Electromechanical rack-and-pinion power steering (EPS) with		
Steering		the front seats, crash sensors, Tyre Pressure Indicator Electromechanical rack-and-pinion power steering (EPS) with Servotronic function		
	re :1	the front seats, crash sensors, Tyre Pressure Indicator Electromechanical rack-and-pinion power steering (EPS) with		

			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 rati	o (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 EfficientDyn	amics			
BMW EfficientDynan	nics	Bra	ke Energy Regeneration with recuperation display, Electric Power	
standard features		Steering, Auto Start Stop function, Optimum Shift Indicator, ECO PRO an COMFORT mode with coasting function, intelligent lightweight		
			truction, optimised aerodynamic attributes, active air flap control, on-	
			and operation of ancillary units, map-regulated oil pump, differential optimised warm-up behaviour, tyres with reduced rolling resistance	

Fuel consumption EU cy	rcle		
Urban (NEDC)	ltr/100 km	7.7 – 7.5	
Extra-urban (NEDC)	ltr/100 km	5.7 – 5.2	
Combined (NEDC)	ltr/100 km	6.4 - 6.1	
Combined (WLTP)	ltr/100 km	7.5 - 6.9	
CO <sub>2</sub> (NEDC)	g/km	148 – 139	
CO <sub>2</sub> (WLTP)	g/km	170 – 157	
Emission rating		Euro 6d	

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

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

## BMW 1 Series. M135i xDrive.

		BMW M135i xDrive
Body		
No. of doors/seats		5/5
Length/width/height (unladen)	mm	4319 / 1799 / 1434
Wheelbase	mm	2670
Track, front/rear	mm	1560 / 1563
Ground clearance	mm	153
Turning circle	m	11.4
Tank capacity	approx. ltr	50
	ltr	5.25
Weight, unladen, to DIN/EU	kg	1525 / 1600
Max. load to DIN	kg	560
Max. permissible weight	kg	2085
Max. axle load, front/rear	kg	1120 / 1020
Max. trailer load,	ĸġ	112071020
braked (12%)/unbraked	kg	-/-
Max. roof load/towbar download	kg	75/-
Luggage comp. capacity	ltr	380 – 1200
Air resistance	Cd X A	0.34 x 2.19
Airresistance	Cu X A	0.04 / 2.13
Engine		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology	BM	W TwinPower Turbo technology: turbocharger, High Precision Injection,
	Divi	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
	.p.n.	
Electrical System		
Battery/Installation	Ah/–	70 / engine comp.
Driving Dynamics and Safety		
Suspension, front	S	ingle-joint spring strut axle in lightweight aluminium-steel construction
Suspension, rear		fulti-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),
3		
		B technology (actuator contiguous wheel slip limitation), DBC (Dynamic
	AR	B technology (actuator contiguous wheel slip limitation), DBC (Dynamic
	AR	B technology (actuator contiguous wheel slip limitation), DBC (Dynamic Brake Control), Dry Braking function, fading compensation, Start-Off
	AR	B technology (actuator contiguous wheel slip limitation), DBC (Dynamic Brake Control), Dry Braking function, fading compensation, Start-Off istant, EDLC (Electronic Differential Lock Control), Performance Control
	AR Ass M	B technology (actuator contiguous wheel slip limitation), DBC (Dynamic Brake Control), Dry Braking function, fading compensation, Start-Off
Safety equipment	AR Ass M w	B technology (actuator contiguous wheel slip limitation), DBC (Dynamic Brake Control), Dry Braking function, fading compensation, Start-Off istant, EDLC (Electronic Differential Lock Control), Performance Control Sport suspension, front axle with mechanical differential lock, xDrive all- heel-drive system networked with DSC; optional: adaptive suspension
Safety equipment	AR Ass M 	B technology (actuator contiguous wheel slip limitation), DBC (Dynamic Brake Control), Dry Braking function, fading compensation, Start-Off istant, EDLC (Electronic Differential Lock Control), Performance Control Sport suspension, front axle with mechanical differential lock, xDrive all- heel-drive system networked with DSC; optional: adaptive suspension
Safety equipment	AR Ass M 	B technology (actuator contiguous wheel slip limitation), DBC (Dynamic Brake Control), Dry Braking function, fading compensation, Start-Off istant, EDLC (Electronic Differential Lock Control), Performance Control Sport suspension, front axle with mechanical differential lock, xDrive all- heel-drive system networked with DSC; optional: adaptive suspension andard: airbags for driver and front passenger, side airbags for driver and
Safety equipment	AR Ass M 	B technology (actuator contiguous wheel slip limitation), DBC (Dynamic Brake Control), Dry Braking function, fading compensation, Start-Off istant, EDLC (Electronic Differential Lock Control), Performance Control Sport suspension, front axle with mechanical differential lock, xDrive all- heel-drive system networked with DSC; optional: adaptive suspension andard: airbags for driver and front passenger, side airbags for driver and ont passenger, head airbags for front and rear seats, three-point inertia-
Safety equipment	AR Ass M 	B technology (actuator contiguous wheel slip limitation), DBC (Dynamic Brake Control), Dry Braking function, fading compensation, Start-Off istant, EDLC (Electronic Differential Lock Control), Performance Control Sport suspension, front axle with mechanical differential lock, xDrive all- heel-drive system networked with DSC; optional: adaptive suspension andard: airbags for driver and front passenger, side airbags for driver and ont passenger, head airbags for front and rear seats, three-point inertia- el seatbelts on all seats with belt latch tensioner and belt force limiter at
	AR Ass M 	B technology (actuator contiguous wheel slip limitation), DBC (Dynamic Brake Control), Dry Braking function, fading compensation, Start-Off istant, EDLC (Electronic Differential Lock Control), Performance Control Sport suspension, front axle with mechanical differential lock, xDrive all- heel-drive system networked with DSC; optional: adaptive suspension andard: airbags for driver and front passenger, side airbags for driver and ont passenger, head airbags for front and rear seats, three-point inertia- el seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator
	AR Ass M 	B technology (actuator contiguous wheel slip limitation), DBC (Dynamic Brake Control), Dry Braking function, fading compensation, Start-Off istant, EDLC (Electronic Differential Lock Control), Performance Control, Sport suspension, front axle with mechanical differential lock, xDrive all- heel-drive system networked with DSC; optional: adaptive suspension andard: airbags for driver and front passenger, side airbags for driver and ont passenger, head airbags for front and rear seats, three-point inertia- el 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	AR Ass M w Sta frc ree	B technology (actuator contiguous wheel slip limitation), DBC (Dynamic Brake Control), Dry Braking function, fading compensation, Start-Off istant, EDLC (Electronic Differential Lock Control), Performance Control Sport suspension, front axle with mechanical differential lock, xDrive all- heel-drive system networked with DSC; optional: adaptive suspension andard: airbags for driver and front passenger, side airbags for driver and ont passenger, head airbags for front and rear seats, three-point inertia- el 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, model specific M Sport steering

		BMW M135i xDrive		
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	3.075		
Performance				
Power-to-weight ratio (DIN)	kg/kW	6.8		
Output per litre	kW/l	112.6		
Acceleration 0–100 km/h	S	4.8		
Top speed	km/h	250		
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, 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, efficiency-optimised all-wheel drive,		
		tyres with reduced rolling resistance		

Fuel consumption EU cy	cle		
Urban (NEDC)	ltr/100 km	8.2 – 7.5	
Extra-urban (NEDC)	ltr/100 km	5.9 – 5.6	
Combined (NEDC)	ltr/100 km	6.7 - 6.3	
Combined (WLTP)	ltr/100 km	7.8 – 7.3	
CO <sub>2</sub> (NEDC)	g/km	155 – 145	
CO <sub>2</sub> (WLTP)	g/km	178 – 167	
Emission rating		Euro 6d	

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

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

# 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,		
braked (12%)/unbraked	kg	1300 / 725 (1300 / 730)
Max. roof load/towbar download	kg	75 / 75
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 / 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 <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 Cofety		
Driving Dynamics and Safety		Circula initiation data di sulla in linkto originte alconizione ata al accorte ation
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
Dualian frant		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
	F	Assistant, EDLC (Electronic Differential Lock Control), Performance Control
Cofety equipment		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
Oteorie -		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 light-alloy

			BMW 116d
Transmissior	1		
Type of gearbo			Six-speed manual (seven-speed Steptronic dual-clutch transmission)
Gear ratios		:1	3.923 (16.385)
		: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)
Performance			
Power-to-weig	ht ratio (DIN)	kg/kW	16.2 (16.3)
Output per litre	9	kW/I	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 Efficier	ntDynamics		
BMW Efficient	Dynamics	E	Brake Energy Regeneration with recuperation display, EPS (Electric Pow
standard featur	res		Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO

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

Fuel consumption EU c	ycle		
Urban (NEDC)		4.9 - 4.4 (4.4 - 4.2)	
Extra-urban (NEDC)	ltr/100 km	3.8 - 3.4 (3.9 - 3.6)	
Combined (NEDC)	ltr/100 km	4.2 - 3.8 (4.1 - 3.8)	
Combined (WLTP)	ltr/100 km	5.3 - 4.5 (5.3 - 4.6)	
CO <sub>2</sub> (NEDC)	g/km	110 – 100 (108 – 99)	
CO <sub>2</sub> (WLTP)	g/km	139 – 118 (139 – 119)	
Emission rating		Euro 6d	

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

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

BMW 1 Series. 118d.

		BMW 118d
Body		
No. of doors/seats		5/5
Length/width/height (unladen)	mm	4319 / 1799 / 1434
Wheelbase	mm	2670
Track, front/rear	mm	1565 / 1565
Ground clearance	mm	153
Turning circle	m	11.4
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,		
braked (12%)/unbraked	kg	1300 / 740 (1300 / 750)
Max. roof load/towbar download	kg	75/75
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-
		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	110 / 150
at	rpm	4000
Torque	Nm	350
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
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
Safety equipment		trailer stability control; optional: M Sport suspension, Adaptive suspension Standard: airbags for driver and front passenger, side airbags for driver and
Salety equipment		front passenger, head airbags for driver and front passenger, side airbags for driver and 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
Stooring ratio overall	.1	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 LM

			BMW 118d	
Transmissior	1			
Type of gearbo	X		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	)	kW/I	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 Efficier	ntDynamics			
BMW Efficient	 Dynamics	Brak	e Energy Regeneration with recuperation display, EPS (Electric Po	
standard featur	res	Ste	eering), Auto Start Stop function, Optimum Shift Indicator, ECO PR	
		mode with coasting function (with automatic transmission)		

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

Fuel consumption EU cy	/cle	
Urban (NEDC)	ltr/100 km	5.5 - 5.1 (5.2 - 4.8)
Extra-urban (NEDC)	ltr/100 km	4.3 - 3.9 (4.3 - 4.0)
Combined (NEDC)	ltr/100 km	4.7 - 4.4 (4.7 - 4.3)
Combined (WLTP)	ltr/100 km	5.4 - 4.6 (5.6 - 4.8)
CO <sub>2</sub> (NEDC)	g/km	125 – 115 (123 – 113)
CO <sub>2</sub> (WLTP)	g/km	140 – 120 (146 – 126)
Emission rating		Euro 6d

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

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

**BMW 1 Series.** 

120d.

		BMW 120d	
Pody			
Body No. of doors/seats		5/5	
Length/width/height (unladen)	mm	4319 / 1799 / 1434	
Wheelbase		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	
Vax. permissible weight	kg	2000	
Vlax. axle load, front/rear	kg	1085 / 985	
Vlax. trailer load,	ĸġ	10037303	
praked (12%)/unbraked	kg	1300 / 750	
Max. roof load/towbar download	kg	75/75	
_uggage comp. capacity	ltr	380 – 1200	
Air resistance	Cd X A	0.26 x 2.19	
	CuXA	0.20 x 2.13	
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	cm <sup>3</sup>	1995	
Stroke/bore	mm	90.0 / 84.0	
Compression ratio	:1	16.5	
-uel		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	
Prokoo front		damper configuration Single-piston floating-calliper disc brakes, vented	
Brakes, front		5 i 5 i ,	
Brakes, rear		Single-piston floating-calliper disc brakes, vented Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control),	
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 Contro		
		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	

		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

			BMW 120d
Transmission			
Type of gearbox			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
Performance			
Power-to-weight ratio	) (DIN)	kg/kW	10.4
Output per litre		kW/I	70.2
Acceleration 0-1	00 km/h	S	7.3
Top speed		km/h	231
BMW EfficientDyna	amics		
BMW EfficientDynam	ics		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
		;	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 I	EU cycle		
Urban (NEDC)		ltr/100 km	5.0 – 4.8
Extra-urban (NEDC)		ltr/100 km	4.5 – 4.1
Combined (NEDC)		ltr/100 km	4.7 - 4.3
Combined (WLTP)		ltr/100 km	5.6 - 4.9
CO <sub>2</sub> (NEDC)		g/km	123 – 114
		alkm	146 - 129

146 – 129

Euro 6d

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

g/km

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

CO<sub>2</sub> (WLTP)

Emission rating

# BMW 1 Series. 120d xDrive.

		BMW 120d xDrive		
Body No. of doors/seats		5/5		
Length/width/height (unladen)	mm	4319 / 1799 / 1434		
Wheelbase	mm	2670		
Track, front/rear	mm	1561 / 1561		
Ground clearance	mm	153		
Turning circle	m	11.4		
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,	ĸġ	110371020		
braked (12%)/unbraked	kg	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		
	Gaxit			
Engine				
Config./No. of cyls./valves		in-line / 4 / 4		
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, low-		
6 6,	pr	essure 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		
Electrical System				
Battery/Installation	Ah/–	70 / engine comp.		
Driving Dynamics and Safety Suspension, front		Pinale joint anying attrit avia in light unight aluminium attack apparts attach		
Suspension, rear		Single-joint spring strut axle in lightweight aluminium-steel construction Multi-link axle in lightweight steel construction with separate spring and		
Suspension, real	I	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),		
Driving stability systems	ΛE	RB technology (actuator contiguous wheel slip limitation), DBC (Dynamic		
	Ai	Brake Control), Dry Braking function, fading compensation, Start-Off		
	Δο	sistant, EDLC (Electronic Differential Lock Control), Performance Control		
		ailer stability control, xDrive all-wheel-drive system networked with DSC;		
		optional: M Sport suspension, Adaptive suspension		
Safety equipment	St	andard: airbags for driver and front passenger, side airbags for driver and		
	front passenger, head airbags for front and rear seats, three-point inertia-			
		el 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		
Steering ratio, overall Tyres, front/rear	:1			

			BMW 120d xDrive
Transmission			
Type of gearbox			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
Performance			
Power-to-weight	ratio (DIN)	kg/kW	10.8
Output per litre		kW/l	70.2
	0–100 km/h	S	7.0
Top speed		km/h	230
BMW Efficient	Whamics		
BMW EfficientDy			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
		a	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 consumpt	ion EU cycle		
Urban (NEDC)		ltr/100 km	5.7 – 5.4
Extra-urban (NEC	- 1	ltr/100 km	4.7 – 4.3
Combined (NED)		ltr/100 km	5.1 – 4.7
Combined (WLT	P)	ltr/100 km	5.8 – 5.1
CO2 (NEDC)		g/km	133 – 124
CO <sub>2</sub> (WLTP)		g/km	152 – 134
Emission rating			Euro 6d

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

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