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# Specifications. The BMW 1 Series 3-door. 116i.



		BMW 116i 3-door
Body		
No. of doors/seats		3 / 4 (5)
Length/width/height 1) (unladen)	mm	4329 / 1765 / 1421
Wheelbase	mm	2690
Track, front/rear	mm	1535 / 1569
Ground clearance	mm	140
Turning circle	m	10.9
Fuel tank capacity	approx. Itr	52
Cooling system incl. heater	ltr	7.7
Engine oil 2)	ltr	4.25
Weight, unladen, to DIN/EU	kg	1300 / 1375
Max. load to DIN	kg	565
Max. permissible weight	kg	1865
Max. axle load, front/rear	kg	850 / 1090
Max. trailer load (12%)	kg	3307 1030
braked/unbraked		1200 / 650
Max. roof load/max towbar download	kg	75 / 75
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C <sub>d</sub> x A	0.31 x 2.14
Power Unit		
Config./No. of cyls./valves		in-line / 3 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger, High Precision Direct
Engine teerinology		Injection, fully variable valve control (VALVETRONIC), Double-VANOS
		variable camshaft control
Effective capacity		1499
Stroke/bore	CC	94.6 / 82.0
Compression ratio	mm	
Fuel	:1	11.0
	1.547	min RON 91
Max. output	kW/hp	80 / 109
at	rpm	4250
Max torque	Nm	180
at	rpm	1250-4250
Electrical System		
Battery/installation	Ah/–	90 / luggage comp.
Alternator	A/W	180 / 2520
Driving Dynamics and Safety		AL of the late of
Suspension, front		Aluminium double-joint spring strut axle
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC
		(Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking
		function, Fading Compensation, Start-Off Assistant
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
		front passenger, head airbags front and rear, three-point inertia-reel
		seatbelts on all seats with belt tensioner and belt force limiter at the front,
Steering		crash sensors, Tyre Defect Indicator  Electric Power Steering (EPS),
Steering		
Steering ratio, overall		optional: Servotronic function, variable sport steering
Tyres, front/rear	:1	15.0
Rims, front/rear		195/55 R16 87H 6.5J x 16 steel
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			BMW 116i 3-door	
			DIVIVE FIGURE	
Transmission				
Type of transmi	ission		6-speed manual	
Gear ratios		:1	4.552	
	II	:1	2.548	
	III	:1	1.659	
	IV	:1	1.230	
	V	:1	1.000	
	VI	:1	0.830	
	R	:1	4.138	
Final drive		:1	2.813	
Performance				
Power-to-weigh	nt ratio (DIN)	kg/kW	16.3	
Output per litre		kW/ltr	53.4	
Acceleration	0–100 km/h	S	10.9	
n 5th gear	80-120 km/h	S	14.8	
Top speed		km/h	195	

#### BMW EfficientDynamics

BMW EfficientDynamics standard features

Brake Energy Regeneration with recuperation display,
Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift
Indicator, ECO PRO mode, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, mapcontrolled oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance

Fuel Consumption	EU <sup>3)</sup>		
	ims 7J x 16 and tyres 205/55 R16 as w	ell as winter tyres	
Urban	ltr/100 km	6.3	
Extra-urban	ltr/100 km	4.2	
Combined	ltr/100 km	5.0	
CO <sub>2</sub>	g/km	116	
With rims 7J x 17 and	tyres 205/50 R17, with rims 7.5J x 17	and tyres 225/45 R 17,	
with rims 7.5J x 17 fro	ont, 8J x 17 rear and tyres 225/45 R17	front, 245/40 R17 rear	
Urban	ltr/100 km	6.7	
Extra-urban	ltr/100 km	4.5	
Combined	ltr/100 km	5.3	
CO <sub>2</sub>	g/km	123	
With rims 7.5J x 18 fr	ont, 8J x 18 rear and tyres 225/40 R18	front, 245/35 R18 rear	
Urban	ltr/100 km	6.8	
Extra-urban	ltr/100 km	4.6	
Combined	ltr/100 km	5.4	
CO <sub>2</sub>	g/km	126	
Emission rating		EU6	

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

 $<sup>^{1)}</sup>$  Height with roof fin: 1440 mm  $^{2)}$  Oil change  $^{3)}$  Fuel consumption and CO2 emissions depend on the selected tyre format

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### The BMW 1 Series 3-door. 118i.

		BMW 118i 3-door
Body		
No. of doors/seats		3 / 4 (5)
Length/width/height 1) (unlade	en) mm	4329 / 1765 / 1421
Wheelbase	mm	2690
Front/rear track	mm	1535 / 1569
Ground clearance	mm	140
Turning circle	m .	10.9
Fuel capacity	approx. I	52
Engine oil capacity 2)		4.25
Weight, unladen (DIN/EU)	kg	1300 / 1375
Devide and (DINI)	1	(1315 / 1390)
Payload (DIN)	kg	565
Max. permissible weight	kg	1865 (1880)
Max. axle load, front/rear	kg	865 / 1090
Max. trailer load (12%) braked/unbraked	kg	1300 / 650
Max. roof load/max towbar do	ownload kg	75/75
Luggage comp. capacity	I	360 – 1200
Air resistance	Cd x A	0.31 x 2.14
Engine		
Type/no. of cylinders/valves		in-line / 3 / 4
Engine technology	E	BMW TwinPower Turbo technology: turbocharger, direct injection system Hig Precision Injection, fully variable valve control (VALVETRONIC) and double VANOS variable camshaft timing
Effective capacity	CC	1499
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel type		min. RON 91
Output	kW/hp	100 / 136
at rpm		4400
Torque	Nm	220
at rpm		1250 – 4300
Electrical		
Battery charge/location	Ah/–	90 / luggage compartment
Alternator current/output	A/W	180 / 2520
Driving Dynamics and Sa	fety	
Front suspension		Aluminium double-joint spring strut axle
Rear suspension		Five-link axle in lightweight steel construction with double elastic bearing
Front brakes		Single-piston floating-calliper disc brakes
Rear brakes		Single-piston floating-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, Dry Braking function, Fading Compensation, Start-Off Assistant
Safety equipment		Standard: driver and front-seat passenger airbags, driver and front-seat passenger side airbags, head airbags front and rear, three-point automatic seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in front seats, crash sensors, Tyre Defect Indicator
Steering		Electromechanical rack-and-pinion power steering (EPS); optional: Servotronic function, variable sport steering
Overall steering ratio	:1	15.0
Front/rear tyres		195/55 R16 87H
		6.5J x 16 steel

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			BMW 118i 3-door
Transmission			
Type of gearbox			6-speed manual (optional: 8-speed Steptronic)
Gear ratios	I	:1	4.552 (4.714)
	II	:1	2.548 (3.143)
	III	:1	1.659 (2.106)
	IV	:1	1.230 (1.667)
	V	:1	1.000 (1.285)
	VI	:1	0.830 (1.000)
	VII	:1	- (0.389)
	VIII	:1	- (0.667)
	R	:1	4.138 (3.295)
Final drive		:1	2.813 (3.077)
Performance			
Weight-to-power	ratio		
(DIN unladen)		kg/kW	13.0 (13.2)
Specific power ou	tput	kW/I	66.7
Acceleration	0–100 km/h	sec.	8.5 (8.7)
in 5th gear 80	–120 km/h	sec.	10.6 (–)
Max. speed		km/h	210 (210)

#### BMW EfficientDynamics

BMW EfficientDynamics Features included as standard

Brake Energy Regeneration with recuperation display, electric power steering (EPS), Auto Start Stop function, gear shift indicator, ECO PRO mode with coasting function (automatic), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance

Fuel consumption (E	EU) <sup>3)</sup>	
with standard wheels a	nd tyres, with 7J x 16" rims an	d 205/55 R16 tyres and with winter tyres
Urban	l/100 km	6.2 (5.9)
Extra-urban	l/100 km	4.3 (4.2)
Total	l/100 km	5.0 (4.8)
CO <sub>2</sub> emissions	g/km	116 (112)
		17" rims and 225/45 R17 tyres, R17 front tyres and 245/40 R17 rear tyres
Urban	l/100 km	6.5 (6.3)
Extra-urban	l/100 km	4.5 (4.5)
Combined	l/100 km	5.3 (5.1)
CO <sub>2</sub> emissions	g/km	123 (119)
with 7.5J x 18" front rin	ns, 8J x 18" rear rims, 225/40	R18 front tyres and 245/35 R18 rear tyres
Urban	l/100 km	6.7 (6.4)
Extra-urban	l/100 km	4.7 (4.6)
Total	l/100 km	5.4 (5.2)
CO <sub>2</sub> emissions	g/km	126 (122)
Emissions standard		EU6

Technical data valid for ACEA countries/Some permitted weights valid only for Germany Figures in brackets are for vehicles with automatic transmission

 $<sup>^{1)}</sup>$  Height with roof aerial: 1440 mm  $^{2)}$  Oil change volume  $^{3)}$  Fuel consumption and CO<sub>2</sub> emissions depend on the selected tyre format

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# The BMW 1 Series 3-door. 120i, 125i.

		BMW 120i 3-door	BMW 125i 3-door
Body			
No. of doors/seats		3 / 4 (5)	3 / 4 (5
Length/width/height <sup>1</sup> (unladen)	mm	4329 / 1765 / 1421	4329 / 1765 / 1421
Wheelbase	mm	2690	2690
Front/rear track	mm	1535 / 1569	1521 / 1556
Ground clearance	mm	140	19217 1930
Turning circle	m	10.9	10.9
Fuel capacity	approx. I	52	52
Engine oil capacity 2)	αμριοχ. ι	5.25	5.25
Weight, unladen (DIN/EU)	lea .	1365 / 1440	1400 / 1475
weight, unladen (Dilv/EU)	kg	(1375 / 1450)	14007 1475
Doyland (DIN)	lea-		EGE
Payload (DIN)  Max. permissible weight	kg	565	565
	kg	1930 (1940)	1965
Max. axle load, front/rear	kg	910 / 1090	920 / 1100
Max. trailer load (12%) braked/unbraked		4500 (000	4500 / 000
	kg	1500 / 680	1500 / 680
Max. roof load/max towbar down		75 / 75	75 / 75
Luggage comp. capacity		360 – 1200	360 – 1200
<u>Air resistance</u>	Cd x A	0.31 x 2.14	0.32 x 2.14
Engine			
Type/no. of cylinders/valves		in-line / 4 / 4	in-line / 4 / 4
Engine technology	:	BMW TwinPower Turbo technology: twin system High Precision Injection, fully variab double VANOS variable	le valve control (VALVETRONIC) and
Effective capacity	CC	1998	1998
Stroke/bore	mm	94.6 / 82.0	94.6 / 82.0
Compression ratio	:1	11.0	10.2
Fuel type		min RON 91	min RON 91
Output	kW/hp	135 / 184	165 / 224
at rpm		5000	5200-6500
Torque	Nm	290 (270)	310
at rpm		1350 – 4250 (1350–4600)	1400 – 5000
Electrical			
Battery charge/location	Ah/-	80 / luggage compartment	80 / luggage compartment
Driving Dynamics and Safety	/		
Front suspension		Aluminium double-joint	spring strut axle
Rear suspension		Five-link axle in lightweight steel constru	
Front brakes		Single-piston floating-ca	alliper disc brakes
Rear brakes		Single-piston floating-ca	•
Driving stability systems		Standard: DSC incl. ABS, ASC and D	•
Driving otability oyotomo		CBC Cornering Brake Control, DBC Dy	namic Brake Control, Dry Braking
Cofoty agricumant		function, Fading Compensati	-
Safety equipment		Standard: airbags for driver and front passe passenger, head airbags front and rear, thi seats with belt tensioner and be crash sensors, Tyre D	ree-point inertia-reel seatbelts on all lt force limiter at the front,
Steering		Electromechanical rack-and-pin	ion power steering (EPS);
		optional: Servotronic function	
Overall steering ratio	:1	15.0	15.0
Front/rear tyres		195/55 R16 87W	205/50 R17 91W
Front/rear wheels		6.5J x 16 steel	7J x 17 light-alloy

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			BMW 120i 3-door	BMW 125i 3-door
Transmissio	n			
Type of gearbo			6-speed manual	8-speed Steptronic
,, 0			(optional: 8-speed Steptronic)	·
Gear ratios	1	:1	4.002 (5.000)	5.000
	II	:1	2.130 (3.200)	3.200
	III	:1	1.396 (2.143)	2.143
	IV	:1	1.000 (1.720)	1.720
	V	:1	0.781 (1.314)	1.314
	VI	:1	0.668 (1.000)	1.000
	VII	:1	- (0.822)	0.822
	VIII	:1	- (0.640)	0.640
	R	:1	3.647 (3.456)	3.456
Final drive		:1	3.385 (2.813)	2.813
Performance Weight-to-pow				
(DIN unladen)		kg/kW	10.1 (10.2)	8.5
Specific power	r output	kW/l	67.6	82.6
Acceleration	0–100 km/h	sec	7.1 (7.1)	6.1
in 5th gear	80-120 km/h	sec	8.5 (–)	-
Max. speed		km/h	230 (225)	243
BMW Efficier				
BMW Efficient Features include	ded as standard	(	ake Energy Regeneration with recuperation dis EPS), Auto Start Stop function, gear shift indic coasting function (automatic), intelligent lig optimised aerodynamic attributes, on-demand ap-controlled oil pump, differential with optimis with reduced rolling resis	hator, ECO PRO mode with hatweight construction, operation of ancillary units, and warm-up behaviour, tyres
Fuel consum	ption (EU) 3)			
			ns and 195/55 R16 tyres (BMW 120i),	
Urban	and 205/50 R17 ty	1/100 km	7.6 (7.0)	7.2
Extra-urban		1/100 km	4.7 (4.7)	4.9
Total		1/100 km	5.7 (5.5)	4.9 5.7
CO <sub>2</sub> emissions			131 (126)	
		g/km 17 tyres (BM	W 120i), with 7.5J x 17 rims and 225/45 R 17	tyres,
			and 225/45 R17 front tyres, 245/40 R17 rear ty	
Urban		l/100 km	8.0 (7.4)	7.4
Extra-urban		l/100 km	4.9 (4.9)	5.0
Total		l/100 km	6.0 (5.8)	5.9
CO <sub>2</sub> emissions	<b>S</b>	g/km	138 (133)	134
			and 225/40 R18 front tyres, 245/35 R18 rear ty	
Urban		l/100 km	8.1 (7.4)	7.4
Extra-urban		l/100 km	5.0 (5.0)	5.0
Total		l/100 km	6.1 (5.9)	5.9
CO <sub>2</sub> emissions		g/km	140 (135)	134
Emissions star			ELI6	FUE

EU6

EU6

Technical data valid for ACEA countries/Some permitted weights valid only for Germany BMW 120i: Figures in brackets are for vehicles with automatic transmission

Emissions standard

 $<sup>^{1)}</sup>$  Height including roof aerial  $^{2}$  Oil change volume  $^{3}$  Fuel consumption and CO $_{2}$  emissions depend on the selected tyre format

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# The BMW 1 Series 3-door. M140i.

		BMW M140i 3-door
		DIVITY IN 1-701 0-4001
Body		
No. of doors/seats		3 / 4 (5)
Length/width/height1) (unlader	n) mm	4324 / 1765 / 1411
Wheelbase	mm	2690
Track, front/rear	mm	1516 / 1534
Ground clearance	mm	130
Turning circle	m	10.9
Tank capacity	approx. ltr	52
Engine oil <sup>2)</sup>	ltr	6.5
Weight, unladen, to DIN/EU	kg	1445 / 1520
, ,	3	(1470 / 1545)
Max. load to DIN	kg	565
Max. permissible weight	kg	2010 (2035)
Max. axle load, front/rear	kg	970 / 1120
Max. trailer load (12%)	kg	***************************************
braked/unbraked	ng.	-/-
Max. roof load/towbar download	ad kg	75/-
Luggage comp. capacity	Itr	360 – 1200
Air resistance	C <sub>d</sub> x A	0.34 x 2.14
	Ou X / C	GIO I A ZITT
Engine		
Config./No. of cyls./valves		in-line / 6 / 4
Engine technology		M Performance TwinPower Turbo technology with twin-scroll turbocharger,
3		High Precision Direct Injection, fully variable valve control (VALVETRONIC)
		and double-VANOS variable camshaft control
Effective capacity	CC	2998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel grade	•	min. RON 91
Output	kW/hp	250 / 340
at	rpm	5500
Torque	Nm	500
at	rpm	1520 – 4500
	трпт	1320 – 4300
Electrical System		
Battery/Installation	Ah/-	80 / luggage comp.
<b>Driving Dynamics and Safe</b>	ety	
Suspension, front		Aluminium double-joint spring strut axle
		with M-specific elastokinematics
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front		Four-piston fixed-calliper disc brakes
Brakes, rear		Two-piston fixed-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC
	(	Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function
		Fading Compensation, Start-Off Assistant
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
		front passenger, head airbags front and rear, three-point inertia-reel seatbelts
		on all seats with belt tensioner and belt force limiter at the front,
Ctaorina		crash sensors, Tyre Defect Indicator
Steering		Electric Power Steering (EPS),
Ctooring ratio avarall		variable sport steering
Steering ratio, overall	:1	14.5
Tyres, front/rear		225/40 R18 88Y/
Dime front/roor		245/35 R 18 92Y XL
Rims, front/rear		7.5J x 18 light-alloy/
		8J x 18 light-alloy

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			BMW M140i 3-door
Transmission			
Type of gearbox			6-speed manual gearbox
,, ,			(optional: 8-speed Steptronic Sport transmission)
Gear ratios	I	:1	4.110 (5.000)
	II	:1	2.315 (3.200)
	III	:1	1.542 (2.143)
	IV	:1	1.179 (1.720)
	V	:1	1.000 (1.314)
	VI	:1	0.846 (1.000)
	VII	:1	- (0.822)
	VIII	:1	- (0.640)
	R	:1	3.727 (3.456)
Final drive		:1	3.077 (2.813)
Performance			
Power-to-weight ra	tio (DIN)	kg/kW	5.8 (5.9)
Output per litre		kW/ltr	83.4
Acceleration 0	–100 km/h	S	4.8 (4.6)
in 5th gear 8	0–120 km/h	S	4.8 (–)
Top speed		km/h	250 (250)

#### BMW EfficientDynamics

BMW EfficientDynamics, standard features

Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode with coasting function (automatic), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance

Fuel consumption El	U		
Urban	ltr/100 km	10.6 (9.4)	
Extra-urban	ltr/100 km	6.2 (5.8)	
Combined	ltr/100 km	7.8 (7.1)	
CO <sub>2</sub>	g/km	179 (163)	
Emission rating		EU6	

Specifications apply to ACEA markets; data relevant to homologation applicable in part only to Germany (weight) Figures in brackets apply to automatic transmission

<sup>&</sup>lt;sup>1)</sup> Height including roof aerial <sup>2)</sup> Oil change volume

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### The BMW 1 Series 3-door. M140i xDrive.

		BMW M140i xDrive 3-door
Body No. of doors to set		0.14(5)
No. of doors/seats		3 / 4 (5)
Length/width/height <sup>1)</sup> (unladen)	mm	4324 / 1765 / 1411
Wheelbase	mm	2690
Track, front/rear	mm	1516 / 1534
Ground clearance	mm	130
Turning circle	m	11.3
Tank capacity	approx. ltr	52
Engine oil <sup>2)</sup>	ltr	6.5
Weight, unladen, to DIN/EU	kg	1540 / 1615
Max. load to DIN	kg	550
Max. permissible weight	kg	2090
Max. axle load, front/rear	kg	1040 / 1120
Max. trailer load (12%) braked/unbraked	kg	-1-
Max. roof load/towbar download	kg	75 / –
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C <sub>d</sub> x A	0.35 x 2.14
	Og ATT	0.00 X 2.1 1
Engine		
Config./No. of cyls./valves		in-line / 6 / 4
Engine technology		M Performance TwinPower Turbo technology with twin-scroll turbocharger,
		High Precision Direct Injection, fully variable valve control (VALVETRONIC)
		and double-VANOS variable camshaft control
Effective capacity	CC	2998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel grade		min. RON 91
Output	kW/hp	250 / 340
at	rpm	5500
Torque	Nm	500
at	rpm	1520 – 4500
Electrical System		
Battery/Installation	Ah/-	80 / luggage comp.
	7 11 11	oo naggage comp.
<b>Driving Dynamics and Safety</b>	у	
Suspension, front		Aluminium double-joint spring strut axle
		with M-specific elastokinematics
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front		Four-piston fixed-calliper disc brakes
Brakes, rear		Two-piston fixed-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC
	(	Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
		Fading Compensation, Start-Off Assistant, linked to xDrive all-wheel-drive
		system in Integrated Chassis Management (ICM)
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
		front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front.
		crash sensors, Tyre Defect Indicator
Steering		Electric Power Steering (EPS),
Cooning		variable sport steering
Steering ratio, overall	:1	14.6
Tyres, front/rear		225/40 R18 88Y/
- '		245/35 R 18 92Y XL
Rims, front/rear		7.5J x 18 light-alloy/
•		8J x 18 light-alloy
		3 ,

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			BMW M140i xDrive 3-door
Transmission			
Type of gearbox			8-speed Steptronic Sport transmission
Gear ratios	I	:1	5.000
	II	:1	3.200
	III	:1	2.143
	IV	:1	1.720
	V	:1	1.314
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.456
Final drive		:1	2.813
Performance			
Power-to-weight rat	io (DIN)	kg/kW	6.2
Output per litre		kW/ltr	83.4
Acceleration 0-	-100 km/h	S	4.4
in 5th gear 80	)–120 km/h	S	-
Top speed		km/h	250

#### BMW EfficientDynamics

BMW EfficientDynamics, standard features

Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, ECO PRO mode with coasting function, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, differential and transfer case with optimised warm-up behaviour, tyres with reduced rolling resistance

Fuel consumption E	:U		
Urban	ltr/100 km	9.8	
Extra-urban	ltr/100 km	6.0	
Combined	ltr/100 km	7.4	
CO <sub>2</sub>	g/km	169	
Emission rating		EU6	

Specifications apply to ACEA markets; data relevant to homologation applicable in part only to Germany (weight)

<sup>&</sup>lt;sup>1)</sup> Height including roof aerial <sup>2)</sup> Oil change volume

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# The BMW 1 Series 3-door. 116d.

arger with variable inlet
olenoid valve injectors, 00 bar
- Dai
strut axle
ith double elastic bearing
sc brakes
sc brakes
nic Traction Control), CBC ke Control), Dry Braking
t-Off Assistant
side airbags for driver and three-point inertia-reel t force limiter at the front, dicator
PS),
sport steering
is is rt is

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			BMW 116d 3-door
Transmissio	1		
Type of transm	nission		6-speed manual (optional: 8-speed Steptronic transmission)
Gear ratios		:1	4.002 (4.714)
	II	:1	2.109 (3.143)
	III	:1	1.380 (2.106)
	IV	:1	1.000 (1.667)
	V	:1	0.781 (1.285)
	VI	:1	0.603 (1.000)
	VII	:1	- (0.839)
	VIII	:1	- (0.667)
	R	:1	3.647 (3.295)
Final drive		:1	3.077 (2.647)
Performance			
Power-to-weig	ht ratio (DIN)	kg/kW	15.5 (15.9)
Output per litre	9	kW/ltr	56.8
Acceleration	0–100 km/h	S	10.3 (10.3)
in 5th gear	80-120 km/h	S	11.7
Top speed		km/h	200 (200)

#### **BMW EfficientDynamics**

BMW EfficientDynamics standard features

Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode with coasting function (automatic), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance

Fuel Consumption	EU <sup>3)</sup>		
With standard tyres, r	ims 7J x 16 and tyres 205/55 R16 as v	vell as winter tyres	
Urban	ltr/100 km	4.3 (4.1)	
Extra-urban	ltr/100 km	3.3 (3.4)	
Combined	ltr/100 km	3.7 (3.6)	
CO <sub>2</sub>	g/km	97 (96)	
With rims 7J x 17 and	tyres 205/50 R17, with rims 7.5J x 17	and tyres 225/45 R 17,	
with rims 7.5J x 17 fro	ont, 8J x 17 rear and tyres 225/45 R17	front, 245/40 R17 rear	
Urban	ltr/100 km	4.7 (4.4)	
Extra-urban	ltr/100 km	3.6 (3.6)	
Combined	ltr/100 km	4.0 (3.9)	
CO <sub>2</sub>	g/km	104 (103)	
With rims 7.5J x 18 fr	ont, 8J x 18 rear and tyres 225/40 R18	3 front, 245/35 R18 rear	
Urban	ltr/100 km	4.8 (4.6)	
Extra-urban	ltr/100 km	3.7 (3.8)	
Combined	ltr/100 km	4.1 (4.1)	
CO <sub>2</sub>	g/km	107 (107)	
Emission rating		EU6	

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

 $<sup>^{1)}</sup>$  Height with roof fin: 1440 mm  $^{2)}$  Oil change  $^{3)}$  Fuel consumption and CO<sub>2</sub> emission figures depend on the selected tyre format

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# The BMW 1 Series 3-door. 116d EfficientDynamics Edition.

		BMW 116d EfficientDynamics Edition 3-door
Body		
No. of doors/seats		2 / / /5\
Length/width/height 1) (unladen)	mm	3/4(5)
Wheelbase	mm	4329 / 1765 / 1413 2690
Track, front/rear	mm	
Ground clearance	mm	1523 / 1558
	mm	132
Turning circle	m	10.9
Fuel tank capacity	approx. Itr	52
Cooling system incl. heater	ltr	7.0
Engine oil 2)	ltr	4.4
Weight, unladen, to DIN/EU	kg	1320 / 1395
Max. load to DIN	kg	565
Max. permissible weight	kg	1885
Max. axle load, front/rear	kg	855 / 1090
Max. trailer load (12%)	kg	0007 1000
braked/unbraked	ng.	-/-
Max. roof load/max towbar download	kg	75 / –
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C <sub>d</sub> x A	0.29 x 2.14
Power Unit		
Config./No. of cyls./valves		in-line / 3 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet
3		geometry, common rail direct injection with solenoid valve injectors,
		max. injection pressure: 2,000 bar
Effective capacity	CC	1496
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel	•••	diesel
Max. output	kW/hp	85 / 116
at	rpm	4000
Max torque	Nm	270
at	rpm	1750 – 2250
	трпп	1730 2230
Electrical System		
Battery/installation	Ah/-	90 / luggage comp.
Alternator	A/W	180 / 2520
Driving Dynamics and Safety		
Suspension, front		Aluminium dauble joint agring atrut avia
Suspension, rear		Aluminium double-joint spring strut axle
Brakes, front		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, rear		Single-piston floating-calliper disc brakes
		Single-piston floating-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, Tyre Defect Indicator
Steering		Electric Power Steering (EPS),
S		optional: Servotronic function, variable sport steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		205/55 R16 91V
Rims, front/rear		7J x 16 steel
· · · · · · · · · · · · · · · · · · ·		

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			BMW 116d EfficientDynamics Edition 3-door
Transmission	<u> </u>		
Type of transm			6-speed manual
Gear ratios	I	:1	4.002
	ll l	:1	2.109
	III	:1	1.380
	IV	:1	1.000
	V	:1	0.781
	VI	:1	0.603
	R	:1	3.647
Final drive		:1	2.929
Performance			
Power-to-weig	ht ratio (DIN)	kg/kW	15.5
Output per litre	9	kW/ltr	56.8
Acceleration	0–100 km/h	S	10.4
in 5th gear	80-120 km/h	S	12.9
Top speed		km/h	195

#### BMW EfficientDynamics

BMW EfficientDynamics standard features

Brake Energy Regeneration with recuperation display,
Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift
Indicator, ECO PRO mode, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, mapcontrolled oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance

Fuel Consumption E	U <sup>3)</sup>	
With standard tyres		
Urban	ltr/100 km	3.9
Extra-urban	ltr/100 km	3.1
Combined	ltr/100 km	3.4
CO <sub>2</sub>	g/km	89
With rims 7J x 17 and t	yres 205/50 R17, with rims 7.5J x 17	and tyres 225/45 R 17,
with rims 7.5J x 17 fror	nt, 8J x 17 rear and tyres 225/45 R17	front, 245/40 R17 rear as well as winter tyres
Urban	ltr/100 km	4.3
Extra-urban	ltr/100 km	3.4
Combined	ltr/100 km	3.7
CO <sub>2</sub>	g/km	98
With rims 7.5J x 18 fro	nt, 8J x 18 rear and tyres 225/40 R18	3 front, 245/35 R18 rear
Urban	ltr/100 km	4.4
Extra-urban	ltr/100 km	3.5
Combined	ltr/100 km	3.8
CO <sub>2</sub>	g/km	101
Emission rating		EU6

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

 $<sup>^{1)}</sup>$  Height with roof fin: 1432 mm  $^{2)}$  Oil change  $^{3)}$  Fuel consumption and CO $_2$  emission figures depend on the selected tyre format

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# The BMW 1 Series 3-door. 118d, 118d xDrive.

		BMW 118d 3-door	BMW 118d xDrive 3-door
Body No. of doors/sects		2 (4 (5)	2/4/5
No. of doors/seats	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	3 / 4 (5)	3 / 4 (5
Length/width/height 1) (unladen	,	4329 / 1765 / 1421	4329 / 1765 / 1421
Wheelbase	mm	2690	2690
Track, front/rear	mm	1535 / 1569	1522 / 1556
Ground clearance	mm	140	140
Turning circle	m	10.9	11.3
Fuel tank capacity	approx.	52	52
	ltr		
Cooling system incl. heater	ltr	7.0	7.0
Engine oil <sup>2)</sup>	ltr	5.0	5.0
Weight, unladen, to DIN/EU	kg	1350 / 1425	1420 / 1495
		(1375 / 1450)	
Max. load to DIN	kg	565	550
Max. permissible weight	kg	1915 (1940)	1970
Max. axle load, front/rear	kg	900 / 1090	940 / 1090
Max. trailer load (12%)	kg		
braked/unbraked		1500 / 690	1500 / 710
Max. roof load/max towbar download	kg	75 / 75	75 / 75
Luggage comp. capacity	ltr	360 – 1200	360 – 1200
Air resistance	C <sub>d</sub> x A	0.30 x 2.14	0.31 x 2.14
Power Unit			
Config./No. of cyls./valves		in-line / 4 / 4	in-line / 4 / 4
Engine technology	BMW T	winPower Turbo technology: turbocha	arger with variable inlet geometry.
g	DIVIVV 1	common rail direct injection with so	
		max. injection pressure:	• •
Effective capacity	CC	1995	1995
Stroke/bore	mm	90.0 / 84.0	90.0 / 84.0
Compression ratio		001070110	00.070
		16.5	16.5
	:1	16.5	
Fuel		diesel	diese
Fuel Max. output	kW/hp	diesel 110 / 150	diese 110 / 150
Fuel Max. output at	kW/hp rpm	diesel 110 / 150 4000	diese 110 / 150 4000
Fuel Max. output at Max torque	kW/hp rpm Nm	diesel 110 / 150 4000 320	diese 110 / 150 4000 320
Fuel Max. output at	kW/hp rpm	diesel 110 / 150 4000	diese 110 / 150 4000 320
Fuel Max. output at Max torque at	kW/hp rpm Nm	diesel 110 / 150 4000 320	diese 110 / 150 4000 320
Fuel Max. output at Max torque at Electrical System	kW/hp rpm Nm rpm	diesel 110 / 150 4000 320 1500 – 3000	diese 110 / 150 4000 320 1500 – 3000
Fuel Max. output at Max torque at  Electrical System Battery/installation	kW/hp rpm Nm rpm	diesel 110 / 150 4000 320 1500 – 3000 90 / luggage comp.	diese 110 / 150 4000 320 1500 – 3000 90 / luggage comp.
Fuel Max. output at Max torque at  Electrical System	kW/hp rpm Nm rpm	diesel 110 / 150 4000 320 1500 – 3000	diese 110 / 150 4000 320 1500 – 3000 90 / luggage comp
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator	kW/hp rpm Nm rpm Ah/– A/W	diesel 110 / 150 4000 320 1500 – 3000 90 / luggage comp.	diese 110 / 150 4000 320 1500 – 3000 90 / luggage comp.
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator  Driving Dynamics and Safet	kW/hp rpm Nm rpm Ah/– A/W	diesel 110 / 150 4000 320 1500 – 3000  90 / luggage comp. 150 / 2100	diese 110 / 150 4000 320 1500 – 3000 90 / luggage comp. 150 / 2100
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator  Driving Dynamics and Safet Suspension, front	kW/hp rpm Nm rpm Ah/- A/W	diesel 110 / 150 4000 320 1500 – 3000  90 / luggage comp. 150 / 2100  Aluminium double-joint sp	diesei 110 / 150 4000 320 1500 – 3000 90 / luggage comp. 150 / 2100
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator  Driving Dynamics and Safe Suspension, front Suspension, rear	kW/hp rpm Nm rpm Ah/- A/W	diesel 110 / 150 4000 320 1500 – 3000  90 / luggage comp. 150 / 2100  Aluminium double-joint sp	diese 110 / 150 4000 320 1500 – 3000  90 / luggage comp 150 / 2100  ring strut axle on with double elastic bearing
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator  Driving Dynamics and Safet Suspension, front Suspension, rear Brakes, front	kW/hp rpm Nm rpm Ah/- A/W	diesel 110 / 150 4000 320 1500 – 3000  90 / luggage comp. 150 / 2100  Aluminium double-joint sp -link axle in lightweight steel constructi Single-piston floating-callip	diese 110 / 150 4000 320 1500 – 3000  90 / luggage comp 150 / 2100  ring strut axle on with double elastic bearing ser disc brakes
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator  Driving Dynamics and Safet Suspension, front Suspension, rear Brakes, front Brakes, rear	kW/hp rpm Nm rpm Ah/- A/W	diesel 110 / 150 4000 320 1500 – 3000  90 / luggage comp. 150 / 2100  Aluminium double-joint sp -link axle in lightweight steel constructi Single-piston floating-callip Single-piston floating-callip	diese 110 / 150 4000 320 1500 – 3000  90 / luggage comp 150 / 2100  ring strut axle on with double elastic bearing per disc brakes per disc brakes
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator  Driving Dynamics and Safet Suspension, front Suspension, rear Brakes, front Brakes, rear	kW/hp rpm Nm rpm Ah/- A/W  Five-	diesel 110 / 150 4000 320 1500 – 3000  90 / luggage comp. 150 / 2100  Aluminium double-joint sp -link axle in lightweight steel constructi Single-piston floating-callip Single-piston floating-callip dard: DSC incl. ABS, ASC and DTC (D)	diese 110 / 150 4000 320 1500 – 3000  90 / luggage comp 150 / 2100  ring strut axle on with double elastic bearing ter disc brakes ter disc brakes synamic Traction Control), CBC
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator  Driving Dynamics and Safet Suspension, front Suspension, rear Brakes, front Brakes, rear	kW/hp rpm Nm rpm Ah/- A/W  Five- Stance (Corner	diesel 110 / 150 4000 320 1500 – 3000  90 / luggage comp. 150 / 2100  Aluminium double-joint sp -link axle in lightweight steel constructi Single-piston floating-callip Single-piston floating-callip dard: DSC incl. ABS, ASC and DTC (D' ing Brake Control), DBC (Dynamic Bra	diese 110 / 150 4000 320 1500 – 3000  90 / luggage comp 150 / 2100  ring strut axle on with double elastic bearing eer disc brakes eer disc brakes ynamic Traction Control), CBC ke Control), Dry Braking function,
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator  Driving Dynamics and Safet Suspension, front Suspension, rear Brakes, front Brakes, rear	kW/hp rpm Nm rpm Ah/- A/W  Five:  Stance (Corner Fading	diesel 110 / 150 4000 320 1500 – 3000  90 / luggage comp. 150 / 2100  Aluminium double-joint sp -link axle in lightweight steel constructi Single-piston floating-callip Single-piston floating-callip dard: DSC incl. ABS, ASC and DTC (D) ing Brake Control), DBC (Dynamic Bra Compensation, Start-Off Assistant; Bf	diese 110 / 150 4000 320 1500 – 3000  90 / luggage comp 150 / 2100  ring strut axle on with double elastic bearing ier disc brakes ier disc brakes ynamic Traction Control), CBC ke Control), Dry Braking function, vW 118d xDrive: linked to xDrive
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator  Driving Dynamics and Safe Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems	kW/hp rpm Nm rpm Ah/- A/W  Five- Stance (Corner Fading	diesel  110 / 150  4000  320  1500 – 3000  90 / luggage comp.  150 / 2100  Aluminium double-joint sp -link axle in lightweight steel constructi Single-piston floating-callip Single-piston floating-callip Gard: DSC incl. ABS, ASC and DTC (D ing Brake Control), DBC (Dynamic Bra Compensation, Start-Off Assistant; Bf all-wheel-drive system in Integrated Cf	diese 110 / 150 4000 320 1500 – 3000  90 / luggage comp 150 / 2100  ring strut axle on with double elastic bearing ier disc brakes ier disc brakes ynamic Traction Control), CBC ke Control), Dry Braking function, vlW 118d xDrive: linked to xDrive hassis Management (ICM)
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator  Driving Dynamics and Safe Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems	kW/hp rpm Nm rpm Ah/- A/W  Five- Stance (Corner Fading Standard	diesel  110 / 150  4000  320  1500 – 3000  90 / luggage comp.  150 / 2100  Aluminium double-joint sp -link axle in lightweight steel constructi Single-piston floating-callip Single-piston floating-callip Card: DSC incl. ABS, ASC and DTC (Ding Brake Control), DBC (Dynamic Bra Compensation, Start-Off Assistant; BN all-wheel-drive system in Integrated Chd: airbags for driver and front passenge	diese 110 / 150 4000 320 1500 – 3000  90 / luggage comp 150 / 2100  ring strut axle on with double elastic bearing eer disc brakes ynamic Traction Control), CBC ke Control), Dry Braking function, vW 118d xDrive: linked to xDrive nassis Management (ICM) er, side airbags for driver and front
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator  Driving Dynamics and Safe Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems	kW/hp rpm Nm rpm Ah/- A/W  Five- Stance (Corner Fading Standard	diesel  110 / 150  4000  320  1500 – 3000  90 / luggage comp.  150 / 2100  Aluminium double-joint sp -link axle in lightweight steel constructi Single-piston floating-callip Single-piston floating-callip Single-piston floating-callip Barde Control), DBC (Dynamic Bra Compensation, Start-Off Assistant; Bf di-wheel-drive system in Integrated Cf d: airbags for driver and front passenge ger, head airbags front and rear, three-	diese 110 / 150 4000 320 1500 – 3000  90 / luggage comp 150 / 2100  ring strut axle on with double elastic bearing ter disc brakes ter disc br
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator  Driving Dynamics and Safe Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems	kW/hp rpm Nm rpm Ah/- A/W  Five- Stance (Corner Fading Standard	diesel  110 / 150  4000  320  1500 – 3000  90 / luggage comp.  150 / 2100  Aluminium double-joint sp. link axle in lightweight steel constructi Single-piston floating-callip Single-piston floating-callip Single-piston floating-callip Gard: DSC incl. ABS, ASC and DTC (Ding Brake Control), DBC (Dynamic Bra Compensation, Start-Off Assistant; Bl all-wheel-drive system in Integrated Cd: d: airbags for driver and front passenge ger, head airbags front and rear, three- seats with belt tensioner and belt for	diese 110 / 150 4000 320 1500 – 3000  90 / luggage comp 150 / 2100  ring strut axle on with double elastic bearing per disc brakes per disc brakes per disc brakes pramic Traction Control), CBC ke Control), Dry Braking function, WW 118d xDrive: linked to xDrive passis Management (ICM) proint inertia-reel seatbelts on all proel limiter at the front,
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator  Driving Dynamics and Safet Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems  Safety equipment	kW/hp rpm Nm rpm Ah/- A/W  Five- Stance (Corner Fading Standard	diesel  110 / 150  4000  320  1500 – 3000  90 / luggage comp.  150 / 2100  Aluminium double-joint sp -link axle in lightweight steel constructi Single-piston floating-callip Single-piston floating-callip dard: DSC incl. ABS, ASC and DTC (D ing Brake Control), DBC (Dynamic Bra Compensation, Start-Off Assistant; Bf all-wheel-drive system in Integrated Cf d: airbags for driver and front passengted ger, head airbags front and rear, three- seats with belt tensioner and belt for crash sensors, Tyre Defe	diese 110 / 150 4000 320 1500 – 3000  90 / luggage comp 150 / 2100  ring strut axle on with double elastic bearing eer disc brakes eer disc brakes ynamic Traction Control), CBC ke Control), Dry Braking function, vlW 118d xDrive: linked to xDrive nassis Management (ICM) er, side airbags for driver and front point inertia-reel seatbelts on all orce limiter at the front, ect Indicator
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator  Driving Dynamics and Safe Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems	kW/hp rpm Nm rpm  Ah/- A/W  Five-  Stance (Corner Fading Standard	diesel  110 / 150  4000  320  1500 – 3000  90 / luggage comp.  150 / 2100  Aluminium double-joint sp -link axle in lightweight steel constructi Single-piston floating-callip Single-piston floating-callip dard: DSC incl. ABS, ASC and DTC (D' ing Brake Control), DBC (Dynamic Bra Compensation, Start-Off Assistant; Bl' all-wheel-drive system in Integrated Cr d: airbags for driver and front passenge ger, head airbags front and rear, three- seats with belt tensioner and belt for crash sensors, Tyre Defer Electric Power Steerin	diese  110 / 150  4000  320  1500 – 3000  90 / luggage comp  150 / 2100  ring strut axle on with double elastic bearing eer disc brakes eer disc brakes eer disc brakes ynamic Traction Control), CBC ke Control), Dry Braking function, WW 118d xDrive: linked to xDrive nassis Management (ICM) er, side airbags for driver and front point inertia-reel seatbelts on all erce limiter at the front, ect Indicator ng (EPS),
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator  Driving Dynamics and Safe Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems  Safety equipment  Steering	kW/hp rpm Nm rpm Ah/- A/W  Stand (Corner Fading Standari passen	diesel  110 / 150  4000  320  1500 – 3000  90 / luggage comp.  150 / 2100  Aluminium double-joint sp -link axle in lightweight steel constructi Single-piston floating-callip Single-piston floating-callip Gard: DSC incl. ABS, ASC and DTC (D' ing Brake Control), DBC (Dynamic Bra Compensation, Start-Off Assistant; Bhall-wheel-drive system in Integrated Challing allipages for driver and front passenge ger, head airbags front and rear, three-seats with belt tensioner and belt for crash sensors, Tyre Defe Electric Power Steerin optional: Servotronic function, va	diese  110 / 150  4000  320  1500 – 3000  90 / luggage comp  150 / 2100  ring strut axle on with double elastic bearing er disc brakes er disc brakes ynamic Traction Control), CBC ke Control), Dry Braking function, vlW 118d xDrive: linked to xDrive nassis Management (ICM) er, side airbags for driver and front point inertia-reel seatbelts on all rore limiter at the front, et Indicator ng (EPS), riable sport steering
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator  Driving Dynamics and Safe Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems  Safety equipment  Steering Steering ratio, overall	kW/hp rpm Nm rpm  Ah/- A/W  Five-  Stance (Corner Fading Standard	diesel  110 / 150  4000  320  1500 – 3000  90 / luggage comp.  150 / 2100  Aluminium double-joint sp -link axle in lightweight steel constructi Single-piston floating-callip Single-piston floating-callip Single-piston floating-callip dard: DSC incl. ABS, ASC and DTC (Ding Brake Control), DBC (Dynamic Bra Compensation, Start-Off Assistant; Blall-wheel-drive system in Integrated Cld: airbags for driver and front passenge ger, head airbags front and rear, three-seats with belt tensioner and belt for crash sensors, Tyre Defe Electric Power Steerir optional: Servotronic function, va	diese  110 / 150  4000  320  1500 – 3000  90 / luggage comp  150 / 2100  ring strut axle on with double elastic bearing her disc brakes her di
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator  Driving Dynamics and Safe Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems  Safety equipment  Steering	kW/hp rpm Nm rpm Ah/- A/W  Stand (Corner Fading Standari passen	diesel  110 / 150  4000  320  1500 – 3000  90 / luggage comp.  150 / 2100  Aluminium double-joint sp -link axle in lightweight steel constructi Single-piston floating-callip Single-piston floating-callip Gard: DSC incl. ABS, ASC and DTC (D' ing Brake Control), DBC (Dynamic Bra Compensation, Start-Off Assistant; Bhall-wheel-drive system in Integrated Challing allipages for driver and front passenge ger, head airbags front and rear, three-seats with belt tensioner and belt for crash sensors, Tyre Defe Electric Power Steerin optional: Servotronic function, va	on with double elastic bearing per disc brakes per disc brakes by namic Traction Control), CBC ke Control), Dry Braking function, www. 118d xDrive: linked to xDrive nassis Management (ICM) per, side airbags for driver and front point inertia-reel seatbelts on all procellimiter at the front, bect Indicator ng (EPS),

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			BMW 118d 3-door	BMW 118d xDrive 3-door
Transmission	1			
Type of transm	nission	6	-speed manual (optional: 8-speed	6-speed manua
			Steptronic transmission)	·
Gear ratios	Į.	:1	4.002 (5.000)	4.110
	II	:1	2,109 (3,200)	2.248
	III	:1	1.396 (2.143)	1.403
	IV	:1	1.000 (1.720)	1.000
	V	:1	0.781 (1.314)	0.802
	VI	:1	0.668 (1.000)	0.659
	VII	:1	- (0.822)	_
	VIII	:1	- (0.640)	-
	R	:1	3.647 (3.456)	3.727
Final drive		:1	3.077 (2.647)	3.154
Performance				
Power-to-weig	ht ratio (DIN)	kg/kW	12.3 (12.5)	12.9
Output per litre	)	kW/ltr	55.1	55.1
Acceleration	0–100 km/h	S	8.3 (8.1)	8.4
in 5th gear	80-120 km/h	S	9.2 (–)	9.5
Top speed		km/h	212 (212)	210
BMW Efficien	ntDynamics			
BMW Efficient	Dynamics		Brake Energy Regeneration wit	h recuperation display,
standard featur	es	Ele	ectric Power Steering (EPS), Auto Start	Stop function, Optimum Gearshift
		li li	ndicator ECO PRO mode with coasting	function (automatic) intelligent

Indicator, ECO PRO mode with coasting function (automatic), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, differential with optimised warm-up behaviour, efficiency- and weight-optimised transfer case (BMW 118d xDrive), tyres with reduced rolling resistance

Fuel Consumption	EU <sup>3)</sup>		
With standard tyres			
Urban	ltr/100 km	4.8 (4.5)	5.1
Extra-urban	ltr/100 km	3.5 (3.4)	3.8
Combined	ltr/100 km	4.0 (3.8)	4.3
CO <sub>2</sub>	g/km	104 (99)	113
With rims 7J x 16 and	tyres 205/55 R16 (BMW 118d), wit	h rims 7J x 17 and tyres 205/50 R17,	
with rims 7.5J x 17 an	id tyres 225/45 R 17 as well as winte	er tyres,	
with rims 7.5J x 17 fro	ont, 8J x 17 rear and tyres 225/45 R	17 front, 245/40 R17 rear	
Urban	ltr/100 km	5.0 (4.7)	5.4
Extra-urban	ltr/100 km	3.6 (3.6)	4.0
Combined	ltr/100 km	4.1 (4.0)	4.5
CO <sub>2</sub>	g/km	109 (105)	119
With rims 7.5J x 18 fro	ont, 8J x 18 rear and tyres 225/40 R	18 front, 245/35 R18 rear	
Urban	ltr/100 km	5.2 (4.9)	5.6
Extra-urban	ltr/100 km	3.8 (3.8)	4.1
Combined	ltr/100 km	4.3 (4.2)	4.7
CO <sub>2</sub>	g/km	114 (110)	123
Emission rating		EU6	EU6

Specifications apply to ACEA markets/data relevant to homologation apply in part only to Germany (weight) BMW 118d: figures in brackets apply to automatic transmission

 $<sup>^{1)}</sup>$  Height with roof fin: 1440 mm  $^{2)}$  Oil change  $^{3}$  Fuel consumption and CO $_2$  emission figures depend on the selected tyre format

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# The BMW 1 Series 3-door. 120d, 120d xDrive.

		BMW 120d 3-door	BMW 120d xDrive 3-door
Do do			
Body		0.14(5)	2/4/5
No. of doors/seats  Length/width/height 1) (unladen)	20.00	3 / 4 (5)	3 / 4 (5)
Wheelbase	mm	4329 / 1765 / 1421 2690	4329 / 1765 / 1421 2690
Track, front/rear	mm		1522 / 1556
Ground clearance	mm	1521 / 1556 140	1522 / 1556
Turning circle	mm	10.9	11.3
Fuel tank capacity	m	52	52
Tuer tank capacity	approx. Itr	52	52
Cooling system incl. heater	Itr	7.0	7.0
Engine oil 2)	ltr	5.0	5.0
Weight, unladen, to DIN/EU	kg	1370 / 1445	1450 / 1525
vvoigni, amaden, to bii vizo	Ng	(1385 / 1460)	14307 1323
Max. load to DIN	kg	565	550
Max. permissible weight	kg	1935 (1950)	2000
Max. axle load, front/rear	kg	900 / 1090	975 / 1090
Max. trailer load (12%)	kg	3007 1030	37071030
braked/unbraked	9	1500 / 710	1500 / 750
Max. roof load/max towbar download	kg	75 / 75	75 / 75
Luggage comp. capacity	ltr	360 – 1200	360 – 1200
Air resistance	C <sub>d</sub> x A	0.30 x 2.14	0.31 x 2.14
Power Unit			
Config./No. of cyls./valves		in-line / 4 / 4	in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: turbocha	arger with variable inlet geometry,
		common rail direct injection with so	
		max. injection pressure:	. 2,000 bar
Effective capacity	CC	1995	1995
Stroke/bore	mm	90.0 / 84.0	90.0 / 84.0
Compression ratio	:1	16.5	16.5
Fuel		diesel	diesel
Max. output	kW/hp	140 / 190	140 / 190
at	rpm	4000	4000
Max torque	Nm	400	400
at	rpm	1750 – 2500	1750 – 2500
Electrical System			
Battery/installation	Ah/-	00 / luggaga comp	OO / luggaga comp
Alternator	AM	90 / luggage comp.	90 / luggage comp.
Alternator	AVVV	150 / 2100	150 / 2100
Driving Dynamics and Safety	,		
Suspension, front		Aluminium double-joint sp	ring strut avla
Suspension, rear		Five-link axle in lightweight steel constructi	-
Brakes, front		Single-piston floating-callip	
Brakes, rear		Single-piston floating-callip	
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (D	
Driving stability systems		(Cornering Brake Control), DBC (Dynamic Bra	• • • • • • • • • • • • • • • • • • • •
		Fading Compensation, Start-Off Assistant; BN	
		all-wheel-drive system in Integrated Ch	
Safety equipment		Standard: airbags for driver and front passenge	
		passenger, head airbags front and rear, three-	
		seats with belt tensioner and belt for	
		crash sensors, Tyre Defe	
Steering		Electric Power Steering	9
		optional: Servotronic function, va	
Steering ratio, overall	:1	15.0	15.1
Tyres, front/rear		205/55 R16 91V	205/55 R16 91V
Rims, front/rear		7J x 16 steel	7J x 16 steel

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			BMW 120d 3-door	BMW 120d xDrive 3-door
Transmission	n			
Type of transm	nission		6-speed manual (optional: 8-speed	8-speed Steptronic transmission
			Steptronic transmission)	
Gear ratios	I	:1	4.110 (5.000)	5.000
	II	:1	2.248 (3.200)	3.200
	III	:1	1.403 (2.143)	2.143
	IV	:1	1.000 (1.720)	1.720
	V	:1	0.802 (1.314)	1.314
	VI	:1	0.659 (1.000)	1.000
	VII	:1	- (0.822)	0.822
	VIII	:1	- (0.640)	0.640
	R	:1	3.727 (3.456)	3.456
Final drive		:1	3.077 (2.647)	2.647
Performance	<u> </u>			
Power-to-weig	ht ratio (DIN)	kg/kW	9.8 (9.9)	10.4
Output per litre	9	kW/ltr	70.2	70.2
Acceleration	0–100 km/h	S	7.1 (7.0)	6.8
in 5th gear	80-120 km/h	S	7.2 (–)	_
Top speed		km/h	228 (228)	222

#### BMW EfficientDynamics

BMW EfficientDynamics standard features

Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode with coasting function (automatic), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, differential with optimised warm-up behaviour, efficiency- and weight-optimised transfer case (BMW 120d xDrive), tyres with reduced

rolling resistance

Fuel Consumption	EU <sup>3)</sup>		
With standard tyres			
Urban	ltr/100 km	5.0 (4.6)	5.1
Extra-urban	ltr/100 km	3.6 (3.5)	3.9
Combined	ltr/100 km	4.1 (3.9)	4.3
CO <sub>2</sub>	g/km	108 (103)	113
With rims 7J x 17 and	tyres 205/50 R17, with rims 7.5J >	17 and tyres 225/45 R 17 as well as winter tyre	es,
with rims 7.5J x 17 fro	ont, 8J x 17 rear and tyres 225/45 F	R17 front, 245/40 R17 rear	
Urban	ltr/100 km	5.3 (4.9)	5.3
Extra-urban	ltr/100 km	3.7 (3.7)	4.1
Combined	ltr/100 km	4.3 (4.1)	4.5
CO <sub>2</sub>	g/km	114 (109)	119
With rims 7.5J x 18 fr	ont, 8J x 18 rear and tyres 225/40 I	R18 front, 245/35 R18 rear	
Urban	ltr/100 km	5.5 (5.1)	5.5
Extra-urban	ltr/100 km	3.9 (3.9)	4.3
Combined	ltr/100 km	4.5 (4.3)	4.7
CO <sub>2</sub>	g/km	118 (114)	124
Emission rating		EU6	EU6

Specifications apply to ACEA markets/data relevant to homologation apply in part only to Germany (weight) BMW 120d: figures in brackets apply to automatic transmission (standard in the BMW 120d xDrive)

 $<sup>^{1)}</sup>$  Height with roof fin: 1440 mm  $^{2)}$  Oil change  $^{3)}$  Fuel consumption and CO $_2$  emission figures depend on the selected tyre format

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# The BMW 1 Series 3-door. 125d.

		BMW 125d 3-door
Body		
No. of doors/seats		3 / 4 (5)
Length/width/height 1) (unladen)	mm	4329 / 1765 / 1421
Wheelbase	mm	2690
Track, front/rear	mm	1521 / 1556
Ground clearance	mm	140
Turning circle	m	10.9
Fuel tank capacity	approx.	52
	ltr	
Cooling system incl. heater	ltr	7.0
Engine oil 2)	ltr	5.0
Weight, unladen, to DIN/EU	kg	1425 / 1500
Max. load to DIN	kg	565
Max. permissible weight	kg	1990
Max. axle load, front/rear	kg	940 / 1090
Max. trailer load (12%)	Kg	0.107.1000
braked/unbraked	1.9	1500 / 740
Max. roof load/max towbar	kg	75 / 75
download	9	
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C <sub>d</sub> x A	0.31 x 2.14
Power Unit		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage charging, high- and low-
		pressure turbocharger with variable inlet geometry, common rail direct
=======================================		injection with solenoid valve injectors, max. injection pressure: 2,500 bar
Effective capacity	CC	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		diesel
Max. output	kW/hp	165 / 224
at	rpm	4400
Max torque	Nm	450
at	rpm	1500 – 3000
Electrical System		20.11
Battery/installation	Ah/–	90 / luggage comp.
Alternator	A/W	150 / 2100
Driving Dynamics and Safety		
Suspension, front		Aluminium double-joint spring strut axle
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC
Driving stability systems		(Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking
		function, Fading Compensation, Start-Off Assistant
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
Salety equipment		front passenger, head airbags front and rear, three-point inertia-reel
		seatbelts on all seats with belt tensioner and belt force limiter at the front,
		crash sensors, Tyre Defect Indicator
Steering		Electric Power Steering (EPS),
-		optional: Servotronic function, variable sport steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		205/50 R17 89Y
Rims, front/rear		7J x 17 light-alloy

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		BMW 125d 3-door	
Transmission			
Type of transmission		8-speed Steptronic transmission	
Gear ratios I	:1	5.000	
	:1	3.200	
II	l :1	2.143	
1\	/ :1	1.720	
V	′ :1	1.314	
V	1 :1	1.000	
V	′II :1	0.822	
V	/III :1	0.640	
F	:1	3.456	
Final drive	:1	2.647	
Performance			
Power-to-weight ratio (D	IN) kg/kW	8.6	
Output per litre	kW/ltr	82.7	
Acceleration 0–100	km/h s	6.3	
in 5th gear 80–12	0 km/h s	-	
Top speed	km/h	240	

#### BMW EfficientDynamics

BMW EfficientDynamics standard features

Brake Energy Regeneration with recuperation display,
Electric Power Steering (EPS), Auto Start Stop function, ECO PRO mode
with coasting function, intelligent lightweight construction, optimised
aerodynamic attributes, on-demand operation of ancillary units, mapcontrolled oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance

Fuel Consumption E	:U <sup>3)</sup>		
With standard tyres			
Urban	ltr/100 km	5.1	
Extra-urban	ltr/100 km	3.9	
Combined	ltr/100 km	4.3	
CO <sub>2</sub>	g/km	114	
With rims 7.5J x 17 and	d tyres 225/45 R 17 as well as winter ty	/res,	
with rims 7.5J x 17 from	nt, 8J x 17 rear and tyres 225/45 R17 f	ront, 245/40 R17 rear,	
with rims 7.5J x 18 from	nt, 8J x 18 rear and tyres 225/40 R18 f	ront, 245/35 R18 rear	
Urban	ltr/100 km	5.4	
Extra-urban	ltr/100 km	4.1	
Combined	ltr/100 km	4.6	
CO <sub>2</sub>	g/km	121	
Emission rating		EU6	

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

 $<sup>^{1)}</sup>$  Height with roof fin: 1440 mm  $^{2)}$  Oil change  $^{3)}$  Fuel consumption and CO $_2$  emission figures depend on the selected tyre format

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### The BMW 1 Series 5-door. 116i.

		BMW 116i 5-door	
Body			
No. of doors/seats		5/5	
Length/width/height 1) (unladen)	mm	4329 / 1765 / 1421	
Wheelbase	mm	2690	
Track, front/rear	mm	1535 / 1569	
Ground clearance	mm	140	
Turning circle	m	10.9	
Fuel tank capacity	approx. Itr	52	
Cooling system incl. heater	ltr	7.7	
Engine oil <sup>2)</sup>	ltr	4.25	
Weight, unladen, to DIN/EU	kg	1305 / 1380	
Max. load to DIN	kg	565	
Max. permissible weight	kg	1870	
Max. axle load, front/rear		850 / 1090	
Max. trailer load (12%)	kg	8307 1030	
braked/unbraked	kg	1200 / 650	
Max. roof load/max towbar download	kg	75 / 75	
Luggage comp. capacity	ltr	360 – 1200	
Air resistance	C <sub>d</sub> x A	0.31 x 2.14	
Power Unit			
Config./No. of cyls./valves		in-line / 3 / 4	
Engine technology		BMW TwinPower Turbo technology: turbocharger,	
3		High Precision Direct Injection, fully variable valve control (VALVETRONIC)	
		Double-VANOS variable camshaft control	
Effective capacity	CC	1499	
Stroke/bore	mm	94.6 / 82.0	
Compression ratio	:1	11.0	
Fuel		min RON 91	
Max. output	kW/hp	80 / 109	
at	rpm	4250	
Max torque	Nm	180	
at	rpm	1250–4250	
	тртт	7200 1200	
Electrical System			
Battery/installation	Ah/-	90 / luggage comp.	
Alternator	A/W	180 / 2520	
Driving Dynamics and Safety			
Suspension, front		Aluminium double-joint spring strut axle	
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing	
Brakes, front		Single-piston floating-calliper disc brakes	
Brakes, rear		Single-piston floating-calliper disc brakes	
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC	
		(Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking	
		function, Fading Compensation, Start-Off Assistant	
Safety equipment	Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, Tyre Defect Indicator		
Steering		Electric Power Steering (EPS),	
Otocing		optional: Servotronic function, variable sport steering	
Steering ratio, overall	:1	optional. Servotronic function, variable sport steering	
Tyres, front/rear	.1	195/55 R16 87H	
Rims, front/rear		6.5J x 16 steel	
ramo, nonurou		0.50 x 10 steet	

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			BMW 116i 5-door	
			Dimit 11010 door	
Transmission				
Type of transmissi	ion		6-speed manual	
Gear ratios	Į	:1	4.552	
	II	:1	2.548	
	III	:1	1.659	
	IV	:1	1.230	
	V	:1	1.000	
	VI	:1	0.830	
	R	:1	4.138	
Final drive		:1	2.813	
Performance				
Power-to-weight r	atio (DIN)	kg/kW	16.3	
Output per litre		kW/ltr	53.4	
Acceleration (	0–100 km/h	S	10.9	
in 5th gear 8	30-120 km/h	S	14.8	
Top speed		km/h	195	

#### BMW EfficientDynamics

BMW EfficientDynamics standard features

Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, mapcontrolled oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance

Fuel Consumption E	EU 3)		
With standard tyres, rir	ms 7J x 16 and tyres 205/55 R16 as w	vell as winter tyres	
Urban	ltr/100 km	6.3	
Extra-urban	ltr/100 km	4.2	
Combined	ltr/100 km	5.0	
CO <sub>2</sub>	g/km	116	
With rims 7J x 17 and	tyres 205/50 R17, with rims 7.5J x 17	and tyres 225/45 R 17,	
with rims 7.5J x 17 fro	nt, 8J x 17 rear and tyres 225/45 R17	front, 245/40 R17 rear	
Urban	ltr/100 km	6.7	
Extra-urban	ltr/100 km	4.5	
Combined	ltr/100 km	5.3	
CO <sub>2</sub>	g/km	123	
With rims 7.5J x 18 fro	ont, 8J x 18 rear and tyres 225/40 R18	front, 245/35 R18 rear	
Urban	ltr/100 km	6.8	
Extra-urban	ltr/100 km	4.6	
Combined	ltr/100 km	5.4	
CO <sub>2</sub>	g/km	126	
Emission rating		EU6	

Specifications apply to ACEA markets/data relevant to homologation apply in part only to Germany (weight)  $^{1)}$  Height with roof fin: 1440 mm  $^{2)}$  Oil change  $^{3)}$  Fuel consumption and CO $_2$  emission figures depend on the selected tyre format

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### The BMW 1 Series 5-door. 118i.

		BMW 118i 5-door
Body		
No. of doors/seats		5/5
Length/width/height 1) (unlade	en) mm	4329 / 1765 / 1421
Wheelbase	mm	2690
Front/rear track	mm	1535 / 1569
Ground clearance	mm	140
Turning circle	m	10.9
Fuel capacity	approx. I	52
Engine oil capacity 2)	I	4.25
Weight, unladen (DIN/EU)	kg	1305 / 1380
		(1320 / 1395)
Payload (DIN)	kg	565
Max. permissible weight	kg	1870 (1885)
Max. axle load, front/rear	kg	865 / 1090
Max. trailer load (12%)	kg	
braked/unbraked		1300 / 650
Max. roof load/max towbar do		75 / 75
Luggage comp. capacity	I	360 – 1200
Air resistance	Cd x A	0.31 x 2.14
Engine		
Type/no. of cylinders/valves		in-line / 3 / 4
Engine technology	F	BMW TwinPower Turbo technology: turbocharger, direct injection system High
Lingine technology	Ĺ	Precision Injection, fully variable valve control (VALVETRONIC) and double VANOS variable camshaft timing
Effective capacity	CC	1499
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel type		min. RON 91
Output	kW/hp	100 / 136
at rpm	ж	4400
Torque	Nm	220
at rpm		1250 – 4300
астрии		1200 1000
Electrical		
Battery charge/location	Ah/–	90 / luggage compartment
Alternator current/output	A/W	180 / 2520
Driving Dynamics and Sa	fetv	
Front suspension	ıcıy	Aluminium double-joint spring strut axle
Rear suspension		Five-link axle in lightweight steel construction with double elastic bearing
Front brakes		Single-piston floating-calliper disc brakes
Rear brakes		Single-piston floating-calliper disc brakes  Single-piston floating-calliper disc brakes
		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control),
Driving stability systems		CBC Cornering Brake Control, DBC Dynamic Brake Control, Dry Braking function, Fading Compensation, Start-Off Assistant
Safety equipment		Standard: driver and front-seat passenger airbags, driver and front-seat passenger side airbags, head airbags front and rear, three-point automatic seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in front seats, crash sensors, Tyre Defect Indicator
Steering		Electromechanical rack-and-pinion power steering (EPS); optional: Servotronic function, variable sport steering
Overall steering ratio	:1	15.0
Front/rear tyres		195/55 R16 87H

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			BMW 118i 5-door
Transmission			
Type of gearbox			6-speed manual (optional: 8-speed Steptronic)
Gear ratios	I	:1	4.552 (4.714)
	II	:1	2.548 (3.143)
	III	:1	1.659 (2.106)
	IV	:1	1.230 (1.667)
	V	:1	1.000 (1.285)
	VI	:1	0.830 (1.000)
	VII	:1	- (0.839)
	VIII	:1	- (0.667)
	R	:1	4.138 (3.295)
Final drive		:1	2.813 (3.077)
Performance			
Weight-to-power ra	atio		
(DIN unladen)		kg/kW	13.1 (13.2)
Specific power out	put	kW/I	66.7
Acceleration C	⊢100 km/h	sec.	8.5 (8.7)
	-120 km/h	sec.	10.6 (–)
Max. speed		km/h	210 (210)

#### BMW EfficientDynamics

BMW EfficientDynamics Features included as standard

Brake Energy Regeneration with recuperation display, electric power steering (EPS), Auto Start Stop function, gear shift indicator, ECO PRO mode with coasting function (automatic), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance

Fuel consumption (E	U) <sup>3)</sup>	
with standard wheels ar	nd tyres, with 7J x 16" rims and 2	205/55 R16 tyres and with winter tyres
Urban	l/100 km	6.2 (5.9)
Extra-urban	l/100 km	4.3 (4.2)
Total	l/100 km	5.0 (4.8)
CO <sub>2</sub> emissions	g/km	116 (112)
with 7.5J x 17" front rin	· · · · · · · · · · · · · · · · · · ·	"I rims and 225/45 R17 tyres, 17 front tyres and 245/40 R17 rear tyres
Urban	l/100 km	6.5 (6.3)
Extra-urban	l/100 km	4.5 (4.5)
Combined	l/100 km	5.3 (5.1)
CO <sub>2</sub> emissions	g/km	123 (119)
with 7.5J x 18" front rin	ns, 8J x 18" rear rims, 225/40 R1	18 front tyres and 245/35 R18 rear tyres
Urban	l/100 km	6.7 (6.4)
Extra-urban	l/100 km	4.7 (4.6)
Total	l/100 km	5.4 (5.2)
CO <sub>2</sub> emissions	g/km	126 (122)
Emissions standard EU6		

Technical data valid for ACEA countries/Some permitted weights valid only for Germany Figures in brackets are for vehicles with automatic transmission

 $<sup>^{1)}</sup>$  Height with roof aerial: 1440 mm  $^{2)}$  Oil change volume  $^{3)}$  Fuel consumption and CO<sub>2</sub> emissions depend on the selected tyre format

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# The BMW 1 Series 5-door. 120i, 125i.

		BMW 120i 5-door	BMW 125i 5-door
Body			
No. of doors/seats		5/5	5/5
Length/width/height <sup>1</sup> (unladen	) mm	4329 / 1765 / 1421	4329 / 1765 / 1421
Wheelbase	mm	2690	2690
Front/rear track	mm	1535 / 1569	1521 / 1556
Ground clearance		140	13217 1330
Turning circle	mm m	10.9	10.9
Fuel capacity		52	52
Engine oil capacity 2)	approx. I	5.25	5.25
Weight, unladen (DIN/EU)	l ka	1370 / 1445	3.23 1400 / 1475
vveignt, uniaden (Dilv/EU)	kg	(1380 / 1445)	14007 1475
Payload (DIN)	kg	565	565
Max. permissible weight	kg	1930 (1940)	1965
Max. axle load, front/rear	kg	910 / 1090	920 / 1100
Max. trailer load (12%)	9	0.07.1000	0207.1.00
braked/unbraked	kg	1500 / 670	1500 / 680
Max. roof load/max towbar dow		75 / 75	75 / 75
Luggage comp. capacity	I I	360 – 1200	360 – 1200
Air resistance	Cd x A	0.31 x 2.14	0.32 x 2.14
All Tosistario	OUXA	0.01 x 2.14	0.02 A 2.14
Engine			
Type/no. of cylinders/valves		in-line / 4 / 4	in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: twir ystem High Precision Injection, fully variab double VANOS variabl	ble valve control (VALVETRONIC) and
Effective capacity	CC	1998	1998
Stroke/bore	mm	94.6 / 82.0	94.6 / 82.0
Compression ratio	:1	11.0	10.2
Fuel type		min RON 91	min RON 91
Output	kW/hp	135 / 184	165 / 224
at rpm	κννπρ	5000	5200
Torque	Nm	290	310
at rpm	INIII	1350 – 4250	1400 – 5000
El			
Electrical Battery charge/location	Ah/–	80 / luggage compartment	80 / luggage compartment
<u>Dattery or all generation</u>	7.00	ee naggage eempartment	oo naggage compartment
Driving Dynamics and Safe	ty		
Front suspension		Aluminium double-join	
Rear suspension		Five-link axle in lightweight steel consti	<u>~</u>
Front brakes		Single-piston floating-o	
Rear brakes		Single-piston floating-o	
Driving stability systems		Standard: DSC incl. ABS, ASC and D	
		CBC Cornering Brake Control, DBC Dy	
Safety equipment	9	function, Fading Compensati Standard: airbags for driver and front passe	
Safety equipment		passenger, head airbags front and rear, th	
		seats with belt tensioner and be	•
		crash sensors, Tyre	•
Steering		Electromechanical rack-and-pir	
Jeding		optional: Servotronic function	
Overall steering ratio	,1	· · · · · · · · · · · · · · · · · · ·	
Overall steering ratio	:1	15.0 195/55 R16 87W	15.0 205/50 R17 91W
Front/rear tyres Front/rear wheels			
rront/rear wrieets		6.5J x 16 steel	7J x 17 light-alloy

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			BMW 120i 5-door	BMW 125i 5-dooi
Transmission	<u> </u>			
Type of gearbo			6-speed manual	8-speed Steptronic
,, 0			(optional: 8-speed Steptronic)	
Gear ratios	I	:1	4.002 (5.000)	5.000
	II	:1	2.130 (3.200)	3.200
	III	:1	1.396 (2.143)	2.143
	IV	:1	1.000 (1.720)	1.720
	V	:1	0.781 (1.314)	1.314
	VI	:1	0.668 (1.000)	1.000
	VII	:1	- (0.822)	0.822
	VIII	:1	- (0.640)	0.640
	R	:1	3.647 (3.456)	3.456
Final drive		:1	3.385 (2.813)	2.813
Performance				
Weight-to-pow	er ratio			
(DIN unladen)		kg/kW	10.1 (10.2)	8.5
Specific power	output	kW/l	67.6	82.6
Acceleration	0-100 km/h	sec	7.1 (7.1)	6.1
in 5th gear	80-120 km/h	sec	8.5 (-)	-
Max. speed		km/h	230 (225)	243
BMW Efficien	ntDynamics			
BMW Efficient[	Dynamics		rake Energy Regeneration with recuperation dis	
Features includ	ded as standard		(EPS), Auto Start Stop function, gear shift indic	
			coasting function (automatic), intelligent light	
			optimised aerodynamic attributes, on-demand	
		m	ap-controlled oil pump, differential with optimis	
			with reduced rolling resist	ance
Fuel consum	· · · · · · · · · · · · · · · · · · ·			
	vheels and tyres: 6 ınd 205/50 R17 tyı		ms and 195/55 R16 tyres (BMW 120i),	
Urban		/100 km	7.6 (7.0)	7.2
Extra-urban		/100 km	4.7 (4.7)	4.9
Total		/100 km	5.7 (5.5)	5.7
CO <sub>2</sub> emissions		g/km	131 (126)	130
	me and 205/50 D		131 (126) 1W 120i), with 7.5J x 17 rims and 225/45 R 17 t	
			and 225/45 R17 front tyres, 245/40 R17 rear ty	
Urban		/100 km	8.0 (7.4)	7.4
		/100 km /100 km	4.9 (4.9)	5.0
Extra-urban				5.0
Total		/100 km	6.0 (5.8)	
CO <sub>2</sub> emissions		g/km	138 (133)	134

with 7.5J x 18" front rims, 8J x 18" rear rims and 225/40 R18 front tyres, 245/35 R18 rear tyres and with winter tyres

8.1 (7.4)

5.0 (5.0)

6.1 (5.9)

EU6

140 (135)

7.4

5.0

5.9

134

EU6

Technical data valid for ACEA countries/Some permitted weights valid only for Germany BMW 120i: Figures in brackets are for vehicles with automatic transmission

I/100 km

I/100 km

I/100 km

g/km

Urban

Total

Extra-urban

CO<sub>2</sub> emissions

Emissions standard

 $<sup>^{1)}</sup>$  Height including roof aerial  $^{2}$  Oil change volume  $^{3}$  Fuel consumption and CO $_{2}$  emissions depend on the selected tyre format

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# The BMW 1 Series 5-door. M140i.

		BMW M140i 5-door
		DINITE IN 1-701 0-4001
Body		
No. of doors/seats		5/5
Length/width/height1) (unlade	n) mm	4324 / 1765 / 1411
Wheelbase	mm	2690
Track, front/rear	mm	1516 / 1534
Ground clearance	mm	130
Turning circle	m	10.9
Tank capacity	approx. Itr	52
Engine oil <sup>2)</sup>	ltr	6.5
Weight, unladen, to DIN/EU	kg	1450 / 1525
. 3 ., ,	9	(1475 / 1550)
Max. load to DIN	kg	565
Max. permissible weight	kg	2015 (2040)
Max. axle load, front/rear	kg	970 / 1120
Max. trailer load (12%)	kg	37071120
braked/unbraked	ng.	-/-
Max. roof load/towbar download	ad kg	75/-
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C <sub>d</sub> x A	0.34 x 2.14
<u> </u>	Ouxa	0.04 x 2.14
Engine		
Config./No. of cyls./valves		in-line / 6 / 4
Engine technology		M Performance TwinPower Turbo technology with twin-scroll turbocharger,
3 3,		High Precision Direct Injection, fully variable valve control (VALVETRONIC)
		and double-VANOS variable camshaft control
Effective capacity	CC	2998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel grade		min. RON 91
Output	kW/hp	250 / 340
		5500
at Torque	rpm Nm	500
at	rpm	1520 – 4500
Electrical System		
Battery/Installation	Ah/-	80 / luggage comp.
- Datter ym otaliation	7-411/	oo naggage comp.
Driving Dynamics and Safe	etv	
Suspension, front		Aluminium double-joint spring strut axle
, , , , ,		with M-specific elastokinematics
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front		Four-piston fixed-calliper disc brakes
Brakes, rear		Two-piston fixed-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC
Driving stability systems	(	Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function
	`	Fading Compensation, Start-Off Assistant
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
Caroty Equipment		front passenger, head airbags front and rear, three-point inertia-reel seatbelts
		on all seats with belt tensioner and belt force limiter at the front,
		crash sensors, Tyre Defect Indicator
Steering		Electric Power Steering (EPS),
		variable sport steering
Steering ratio, overall	:1	14.5
Tyres, front/rear		225/40 R18 88Y/
		245/35 R 18 92Y XL
Rims, front/rear		7.5J x 18 light-alloy/
		8J x 18 light-alloy

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			BMW M140i 5-door
Transmission			
Type of gearbox			6-speed manual gearbox
,, 0			(optional: 8-speed Steptronic Sport transmission)
Gear ratios	I	:1	4.110 (5.000)
	II	:1	2.315 (3.200)
	III	:1	1.542 (2.143)
	IV	:1	1.179 (1.720)
	V	:1	1.000 (1.314)
	VI	:1	0.846 (1.000)
	VII	:1	- (0.822)
	VIII	:1	- (0.640)
	R	:1	3.727 (3.456)
Final drive		:1	3.077 (2.813)
Performance			
Power-to-weight rat	io (DIN)	kg/kW	5.8 (5.9)
Output per litre	•	kW/ltr	83.4
Acceleration 0-	-100 km/h	S	4.8 (4.6)
in 5th gear 80	)–120 km/h	S	4.8 (-)
Top speed		km/h	250 (250)

#### BMW EfficientDynamics

BMW EfficientDynamics, standard features

Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode with coasting function (automatic), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance

<b>Fuel consumption El</b>	U		
Urban	ltr/100 km	10.6 (9.4)	
Extra-urban	ltr/100 km	6.2 (5.8)	
Combined	ltr/100 km	7.8 (7.1)	
CO <sub>2</sub>	g/km	179 (163)	
Emission rating		EU6	

Specifications apply to ACEA markets; data relevant to homologation applicable in part only to Germany (weight) Figures in brackets apply to automatic transmission

<sup>&</sup>lt;sup>1)</sup> Height including roof aerial <sup>2)</sup> Oil change volume

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### The BMW 1 Series 5-door. M140i xDrive.

		BMW M140i xDrive 5-door
Body No. of doors/seats		5/5
Length/width/height <sup>1)</sup> (unladen) Wheelbase	mm	4324 / 1765 / 1411
	mm	2690
Track, front/rear	mm	1516 / 1534
Ground clearance	mm	130
Turning circle	m	11.3
Tank capacity	approx. ltr	52
Engine oil <sup>2)</sup>	<u>ltr</u>	6.5
Weight, unladen, to DIN/EU	kg	1540 / 1615
Max. load to DIN	kg	550
Max. permissible weight	kg	2090
Max. axle load, front/rear	kg	1040 / 1120
Max. trailer load (12%) braked/unbraked	kg	-1-
Max. roof load/towbar download	kg	751-
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C <sub>d</sub> x A	0.35 x 2.14
Engine Config /No. of avia habros		in line IC I A
Config./No. of cyls./valves Engine technology		in-line / 6 / 4
Engine technology		M Performance TwinPower Turbo technology with twin-scroll turbocharger,
		High Precision Direct Injection, fully variable valve control (VALVETRONIC)
E((1)'')		and double-VANOS variable camshaft control
Effective capacity	CC	2998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel grade		min. RON 91
Output	kW/hp	250 / 340
at	rpm	5500
Torque	Nm	500
at	rpm	1520 – 4500
Electrical System		
Battery/Installation	Ah/-	80 / luggage comp.
Driving Dynamics and Safety	/	Al mainima alambia inint anning ataut anda
Suspension, front		Aluminium double-joint spring strut axle with M-specific elastokinematics
Cuppopoion roor		Five-link axle in lightweight steel construction with double elastic bearing
Suspension, rear		Four-piston fixed-calliper disc brakes
Brakes, front		· · · · · · · · · · · · · · · · · · ·
Brakes, rear		Two-piston fixed-calliper disc brakes
Driving stability systems	,	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC
	(	Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
		Fading Compensation, Start-Off Assistant, linked to xDrive all-wheel-drive
Cefet		system in Integrated Chassis Management (ICM)
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts
		on all seats with belt tensioner and belt force limiter at the front,
		crash sensors, Tyre Defect Indicator
Steering		Electric Power Steering (EPS),
··· <b>J</b>		variable sport steering
Steering ratio, overall	:1	14.6
Tyres, front/rear		225/40 R18 88Y/
		245/35 R 18 92Y XL
Rims, front/rear		7.5J x 18 light-alloy/
		8J x 18 light-alloy

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			BMW M140i xDrive 5-door
Transmission	1		
Type of gearbo	)X		8-speed Steptronic Sport transmission
Gear ratios	I	:1	5.000
	II	:1	3.200
	III	:1	2.143
	IV	:1	1.720
	V	:1	1.314
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.456
Final drive		:1	2.813
Performance			
Power-to-weig	ht ratio (DIN)	kg/kW	6.2
Output per litre	)	kW/ltr	83.4
Acceleration	0–100 km/h	S	4.4
in 5th gear	80-120 km/h	S	_
Top speed		km/h	250

#### BMW EfficientDynamics

BMW EfficientDynamics, standard features

Brake Energy Regeneration with recuperation display,
Electric Power Steering (EPS), Auto Start Stop function, ECO PRO mode with
coasting function, intelligent lightweight construction, optimised aerodynamic
attributes, on-demand operation of ancillary units, map-controlled oil pump,
differential and transfer case with optimised warm-up behaviour, , tyres with reduced rolling resistance

Fuel consumption E	€U		
Urban	ltr/100 km	9.8	
Extra-urban	ltr/100 km	6.0	
Combined	ltr/100 km	7.4	
CO <sub>2</sub>	g/km	169	
Emission rating		EU6	

Specifications apply to ACEA markets; data relevant to homologation applicable in part only to Germany (weight)

<sup>&</sup>lt;sup>1)</sup> Height including roof aerial <sup>2)</sup> Oil change volume

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# The BMW 1 Series 5-door. 116d.

		BMW 116d 5-door
		Diniti 1100 0 0001
Body		
No. of doors/seats		5/5
Length/width/height 1) (unladen)	mm	4329 / 1765 / 1421
Wheelbase	mm	2690
Track, front/rear	mm	1535 / 1569
Ground clearance	mm	140
Turning circle	m	10.9
Fuel tank capacity	approx.	52
, ,	ltr	<del></del>
Cooling system incl. heater	ltr	7.0
Engine oil 2)	ltr	4.4
Weight, unladen, to DIN/EU	kg	1320 / 1395
110.g.n., aaac.n, to 21.20	Ng	(1350 / 1425)
Max. load to DIN	kg	565
Max. permissible weight	kg	1885 (1915)
Max. axle load, front/rear		, ,
Max. trailer load (12%)	kg	885 / 1090
braked/unbraked	kg	1500 / 600
	1	1500 / 690
Max. roof load/max towbar download	kg	75 / 75
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C <sub>d</sub> x A	0.30 x 2.14
All resistance	Cd X A	0.30 X 2.14
Power Unit		
		1. 1 10.14
Config./No. of cyls./valves		in-line / 3 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet
		geometry, common rail direct injection with solenoid valve injectors,
E((1)		max. injection pressure: 2,000 bar
Effective capacity	CC	1496
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		diesel
Max. output	kW/hp	85 / 116
at	rpm	4000
Max torque	Nm	270
at	rpm	1750 – 2250
Electrical System		
Battery/installation	Ah/–	90 / luggage comp.
Alternator	A/W	180 / 2520
Driving Dynamics and Safety		
Suspension, front		Aluminium double-joint spring strut axle
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes  Single-piston floating-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC
		(Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking
Cefet		function, Fading Compensation, Start-Off Assistant
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel
		seatbelts on all seats with belt tensioner and belt force limiter at the front,
		crash sensors, Tyre Defect Indicator
Steering		Electric Power Steering (EPS),
		optional: Servotronic function, variable sport steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		195/55 R16 87H
Rims, front/rear		6.5J x 16 steel

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			BMW 116d 5-door
Transmission			
Type of transmission			6-speed manual (optional: 8-speed Steptronic transmission)
Gear ratios	I	:1	4.002 (4.714)
	II	:1	2.109 (3.143)
	III	:1	1.380 (2.106)
	IV	:1	1.000 (1.667)
	V	:1	0.781 (1.285)
	VI	:1	0.603 (1.000)
	VII	:1	- (0.839)
	VIII	:1	- (0.667)
	R	:1	3.647 (3.295)
Final drive		:1	3.077 (2.647)
Performance			
Power-to-weight ratio	(DIN) kg/k\	N	15.5 (15.9)
Output per litre	kW/l	ltr	56.8
Acceleration 0–1	00 km/h	S	10.3 (10.3)
in 5th gear 80-	120 km/h	S	11.7
Top speed	km.	/h	200 (200)

#### BMW EfficientDynamics

BMW EfficientDynamics standard features

Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode with coasting function (automatic), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance

Fuel Consumption E	EU <sup>3)</sup>		
With standard tyres, rir	ms 7J x 16 and tyres 205/55 R16 as v	vell as winter tyres	
Urban	ltr/100 km	4.3 (4.1)	
Extra-urban	ltr/100 km	3.3 (3.4)	
Combined	ltr/100 km	3.7 (3.6)	
CO <sub>2</sub>	g/km	97 (96)	
With rims 7J x 17 and	tyres 205/50 R17, with rims 7.5J x 17	and tyres 225/45 R 17,	
with rims 7.5J x 17 fro	nt, 8J x 17 rear and tyres 225/45 R17	front, 245/40 R17 rear	
Urban	ltr/100 km	4.7 (4.4)	
Extra-urban	ltr/100 km	3.6 (3.6)	
Combined	ltr/100 km	4.0 (3.9)	
CO <sub>2</sub>	g/km 104 (103)		
With rims 7.5J x 18 fro	ont, 8J x 18 rear and tyres 225/40 R18	front, 245/35 R18 rear	
Urban	ltr/100 km	4.8 (4.6)	
Extra-urban	ltr/100 km	3.7 (3.8)	
Combined	ltr/100 km	4.1 (4.1)	
CO <sub>2</sub>	g/km	107 (107)	
Emission rating		EU6	

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

 $<sup>^{1)}</sup>$  Height with roof fin: 1440 mm  $^{2)}$  Oil change  $^{3)}$  Fuel consumption and CO<sub>2</sub> emission figures depend on the selected tyre format

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# The BMW 1 Series 5-door. 116d EfficientDynamics Edition.

		BMW 116d EfficientDynamics Edition 5-door
Body		
No. of doors/seats		5/5
Length/width/height 1) (unladen)	mm	4329 / 1765 / 1413
Wheelbase	mm	2690
Track, front/rear	mm	1523 / 1558
Ground clearance	mm	132
Turning circle	m	10.9
Fuel tank capacity	approx.	52
	 Itr	
Cooling system incl. heater	ltr	7.0
Engine oil 2)	ltr	4.4
Weight, unladen, to DIN/EU	kg	1320 / 1395
Max. load to DIN	kg	565
Max. permissible weight	kg	1885
Max. axle load, front/rear	kg	855 / 1090
Max. trailer load (12%)	kg	00071000
braked/unbraked	Ng	<b>-</b> <i>l</i> <b>-</b>
Max. roof load/max towbar	kg	75/-
download	9	
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C <sub>d</sub> x A	0.29 x 2.14
Power Unit		
Config./No. of cyls./valves		in-line / 3 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet
		geometry, common rail direct injection with solenoid valve injectors,
		max. injection pressure: 2,000 bar
Effective capacity	CC	1496
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		diesel
Max. output	kW/hp	85 / 116
at	rpm	4000
Max torque	Nm	270
at	rpm	1750 – 2250
Electrical System		
Battery/installation	Ah/–	90 / luggage comp.
Alternator	AW	180 / 2520
Driving Dynamics and Cafaty		
Driving Dynamics and Safety Suspension, front		Aluminium double idint anning atrut avia
Suspension, rear		Aluminium double-joint spring strut axle
		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC
		(Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking
0.6		function, Fading Compensation, Start-Off Assistant
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
		front passenger, head airbags front and rear, three-point inertia-reel
		seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, Tyre Defect Indicator
Steering		Electric Power Steering (EPS),
Otocing		g ·
Steering ratio, overall	:1	optional: Servotronic function, variable sport steering 15.0
Tyres, front/rear	.1	205/55 R16 91V
Rims, front/rear		7J x 16 steel
raino, ironoreai		73 x 10 Steet

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			BMW 116d EfficientDynamics Edition 5-door
Transmission			
Type of transmiss	sion		6-speed manual
Gear ratios	I	:1	4.002
	II	:1	2.109
	III	:1	1.38
	IV	:1	1.000
	V	:1	0.781
	VI	:1	0.603
	R	:1	3.647
Final drive		:1	2.929
Performance			
Power-to-weight	ratio (DIN)	kg/kW	15.5
Output per litre		kW/ltr	56.8
Acceleration	0–100 km/h	S	10.4
in 5th gear	80-120 km/h	S	12.9
Top speed		km/h	195

#### BMW EfficientDynamics

BMW EfficientDynamics standard features

Brake Energy Regeneration with recuperation display,
Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift
Indicator, ECO PRO mode, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, mapcontrolled oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance

Fuel Consumption E	EU 3)	
With standard tyres		
Urban	ltr/100 km	3.9
Extra-urban	ltr/100 km	3.1
Combined	ltr/100 km	3.4
CO <sub>2</sub>	g/km	89
With rims 7J x 17 and	tyres 205/50 R17, with rims 7.5J x 17	and tyres 225/45 R 17,
with rims 7.5J x 17 fro	nt, 8J x 17 rear and tyres 225/45 R17	front, 245/40 R17 rear as well as winter tyres
Urban	ltr/100 km	4.3
Extra-urban	ltr/100 km	3.4
Combined	ltr/100 km	3.7
CO <sub>2</sub>	g/km	98
With rims 7.5J x 18 fro	ont, 8J x 18 rear and tyres 225/40 R18	3 front, 245/35 R18 rear
Urban	ltr/100 km	4.4
Extra-urban	ltr/100 km	3.5
Combined	ltr/100 km	3.8
CO <sub>2</sub>	g/km	101
Emission rating		EU6

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

 $<sup>^{1)}</sup>$  Height with roof fin: 1432 mm  $^{2)}$  Oil change  $^{3)}$  Fuel consumption and CO $_2$  emission figures depend on the selected tyre format

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# The BMW 1 Series 5-door. 118d, 118d xDrive.

		<b></b>	
		BMW 118d 5-door	BMW 118d xDrive 5-door
Body			
No. of doors/seats		5/5	5/5
Length/width/height 1) (unladen)	mm	4329 / 1765 / 1421	4329 / 1765 / 1421
Wheelbase	mm	2690	2690
Track, front/rear	mm	1535 / 1569	1522 / 1556
Ground clearance	mm	140	140
Turning circle	m	10.9	11.3
Fuel tank capacity	approx.	52	52
r der tarik capacity	approx. Itr	32	32
Cooling system incl. heater	ltr	7.0	7.0
Engine oil 2)	ltr	5.0	5.0
Weight, unladen, to DIN/EU			
weight, unladen, to blive	kg	1350 / 1425	1430 / 1505
Max, load to DIN	l	(1375 / 1450)	FFC
	kg	565	550
Max. permissible weight	kg	1915 (1940)	1975
Max. axle load, front/rear	kg	900 / 1090	940 / 1090
Max. trailer load (12%)	kg		
braked/unbraked		1500 / 690	1500 / 710
Max. roof load/max towbar download	kg	75 / 75	75 / 75
Luggage comp. capacity	ltr	360 – 1200	360 – 1200
Air resistance	C <sub>d</sub> x A	0.30 x 2.14	0.31 x 2.14
Power Unit			
Config./No. of cyls./valves		in-line / 4 / 4	in-line / 4 / 4
Engine technology	- BM	//W TwinPower Turbo technology: turbocharg	
3	٥.,٠	common rail direct injection with sole	
		max. injection pressure: 2	
Effective capacity	CC	1995	1995
Stroke/bore	mm	90.0 / 84.0	90.0 / 84.0
Ctrontorboro	1111111		
Compression ratio	-1		
Compression ratio	:1	16.5	16.5
Fuel		16.5 diesel	16.5 diese
Fuel Max. output	kW/hp	16.5 diesel 110 / 150	16.5 diese 110 / 150
Fuel Max. output at	kW/hp rpm	16.5 diesel 110 / 150 4000	16.5 diese 110 / 150 4000
Fuel Max. output at Max torque	kW/hp rpm Nm	16.5 diesel 110 / 150 4000 320	16.5 diese 110 / 150 4000 320
Fuel Max. output at	kW/hp rpm	16.5 diesel 110 / 150 4000	16.5 diese 110 / 150 4000 320
Fuel Max. output at Max torque at	kW/hp rpm Nm	16.5 diesel 110 / 150 4000 320	16.5 diese 110 / 150 4000 320
Fuel Max. output at Max torque at Electrical System	kW/hp rpm Nm rpm	16.5 diesel 110 / 150 4000 320 1500 – 3000	16.5 diese 110 / 150 4000 320 1500 – 3000
Fuel Max. output at Max torque at  Electrical System Battery/installation	kW/hp rpm Nm rpm	16.5 diesel 110 / 150 4000 320 1500 – 3000	16.5 diese 110 / 150 4000 320 1500 – 3000
Fuel Max. output at Max torque at Electrical System	kW/hp rpm Nm rpm	16.5 diesel 110 / 150 4000 320 1500 – 3000	16.5 diese 110 / 150
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator	kW/hp rpm Nm rpm	16.5 diesel 110 / 150 4000 320 1500 – 3000	16.5 diesel 110 / 150 4000 320 1500 – 3000
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator  Driving Dynamics and Safety	kW/hp rpm Nm rpm	16.5 diesel 110 / 150 4000 320 1500 – 3000 90 / luggage comp. 150 / 2100	16.5 diese 110 / 150 4000 320 1500 – 3000 90 / luggage comp 150 / 2100
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator  Driving Dynamics and Safety Suspension, front	kW/hp rpm Nm rpm	16.5 diesel 110 / 150 4000 320 1500 – 3000 90 / luggage comp. 150 / 2100	16.5 diese 110 / 150 4000 320 1500 – 3000 90 / luggage comp 150 / 2100
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator  Driving Dynamics and Safety Suspension, front Suspension, rear	kW/hp rpm Nm rpm	16.5 diesel 110 / 150 4000 320 1500 – 3000  90 / luggage comp. 150 / 2100  Aluminium double-joint sprii	16.5 diese 110 / 150 4000 320 1500 – 3000  90 / luggage comp 150 / 2100  ng strut axle n with double elastic bearing
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator  Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front	kW/hp rpm Nm rpm	16.5 diesel 110 / 150 4000 320 1500 – 3000  90 / luggage comp. 150 / 2100  Aluminium double-joint sprii Five-link axle in lightweight steel construction Single-piston floating-callipe	16.5 diese 110 / 150 4000 320 1500 – 3000  90 / luggage comp 150 / 2100  ng strut axle n with double elastic bearing or disc brakes
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator  Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear	kW/hp rpm Nm rpm Ah/– AW	16.5 diesel 110 / 150 4000 320 1500 – 3000  90 / luggage comp. 150 / 2100  Aluminium double-joint sprii Five-link axle in lightweight steel construction Single-piston floating-callipe Single-piston floating-callipe	16.5 diese 110 / 150 4000 320 1500 – 3000  90 / luggage comp 150 / 2100  ng strut axle n with double elastic bearing or disc brakes
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator  Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front	kW/hp rpm Nm rpm Ah/– A/W	16.5 diesel 110 / 150 4000 320 1500 – 3000  90 / luggage comp. 150 / 2100  Aluminium double-joint sprii Five-link axle in lightweight steel construction Single-piston floating-callipe Single-piston floating-callipe Standard: DSC incl. ABS, ASC and DTC (Dyr	16.5 diese 110 / 150 4000 320 1500 – 3000  90 / luggage comp 150 / 2100  ng strut axle n with double elastic bearing or disc brakes or disc brakes namic Traction Control), CBC
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator  Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear	kW/hp rpm Nm rpm Ah/- A/W	16.5 diesel 110 / 150 4000 320 1500 – 3000  90 / luggage comp. 150 / 2100  Aluminium double-joint sprii Five-link axle in lightweight steel construction Single-piston floating-callipe Single-piston floating-callipe Standard: DSC incl. ABS, ASC and DTC (Dyrornering Brake Control), DBC (Dynamic Brake	16.5 diese 110 / 150 4000 320 1500 – 3000  90 / luggage comp 150 / 2100  ng strut axle n with double elastic bearing or disc brakes redisc brakes namic Traction Control), CBC e Control), Dry Braking function,
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator  Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear	kW/hp rpm Nm rpm Ah/- A/W	16.5 diesel 110 / 150 4000 320 1500 – 3000  90 / luggage comp. 150 / 2100  Aluminium double-joint sprii Five-link axle in lightweight steel construction Single-piston floating-callipe Single-piston floating-callipe Standard: DSC incl. ABS, ASC and DTC (Dyr	16.5 diese 110 / 150 4000 320 1500 – 3000  90 / luggage comp 150 / 2100  ng strut axle n with double elastic bearing or disc brakes redisc brakes namic Traction Control), CBC e Control), Dry Braking function,
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator  Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems	kW/hp rpm Nm rpm Ah/- AW	16.5 diesel 110 / 150 4000 320 1500 – 3000  90 / luggage comp. 150 / 2100  Aluminium double-joint sprii Five-link axle in lightweight steel construction Single-piston floating-callipe Single-piston floating-callipe Single-piston floating callipe Standard: DSC incl. ABS, ASC and DTC (Dyrornering Brake Control), DBC (Dynamic Brake ding Compensation, Start-Off Assistant; BM) all-wheel-drive system in Integrated Cha	16.5 diese 110 / 150 4000 320 1500 – 3000  90 / luggage comp 150 / 2100  ng strut axle n with double elastic bearing or disc brakes redisc brakes namic Traction Control), CBC e Control), Dry Braking function, W 118d xDrive: linked to xDrive assis Management (ICM)
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator  Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems	kW/hp rpm Nm rpm Ah/- AW  (CC Fa	16.5 diesel 110 / 150 4000 320 1500 – 3000  90 / luggage comp. 150 / 2100  Aluminium double-joint sprii Five-link axle in lightweight steel construction Single-piston floating-callipe Single-piston floating-callipe Standard: DSC incl. ABS, ASC and DTC (Dyr princing Brake Control), DBC (Dynamic Brake ding Compensation, Start-Off Assistant; BM' all-wheel-drive system in Integrated Cha	16.5 diese 110 / 150 4000 320 1500 – 3000  90 / luggage comp 150 / 2100  ng strut axle n with double elastic bearing or disc brakes or disc brakes namic Traction Control), CBC e Control), Dry Braking function, W 118d xDrive: linked to xDrive assis Management (ICM) , side airbags for driver and front
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator  Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear	kW/hp rpm Nm rpm Ah/- AW  (CC Fa	16.5 diesel 110 / 150 4000 320 1500 – 3000  90 / luggage comp. 150 / 2100  Aluminium double-joint sprii Five-link axle in lightweight steel construction Single-piston floating-callipe Single-piston floating-callipe Single-piston floating-callipe Standard: DSC incl. ABS, ASC and DTC (Dyr ornering Brake Control), DBC (Dynamic Brake diding Compensation, Start-Off Assistant; BM all-wheel-drive system in Integrated Cha indard: airbags for driver and front passenger, assenger, head airbags front and rear, three-p	16.5 diese 110 / 150 4000 320 1500 – 3000  90 / luggage comp 150 / 2100  ng strut axle n with double elastic bearing or disc brakes namic Traction Control), CBC e Control), Dry Braking function, W 118d xDrive: linked to xDrive assis Management (ICM) , side airbags for driver and front oint inertia-reel seatbelts on all
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator  Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems	kW/hp rpm Nm rpm Ah/- AW  (CC Fa	16.5 diesel 110 / 150 4000 320 1500 – 3000  90 / luggage comp. 150 / 2100  Aluminium double-joint sprii Five-link axle in lightweight steel construction Single-piston floating-callipe Single-piston floating-callipe Single-piston floating-callipe Single-piston floating-callipe Standard: DSC incl. ABS, ASC and DTC (Dyrornering Brake Control), DBC (Dynamic Brake ding Compensation, Start-Off Assistant; BM' all-wheel-drive system in Integrated Chadard: airbags for driver and front passenger, sesenger, head airbags front and rear, three-pseats with belt tensioner and belt for	16.5 diese 110 / 150 4000 320 1500 – 3000  90 / luggage comp 150 / 2100  ng strut axle n with double elastic bearing or disc brakes namic Traction Control), CBC e Control), Dry Braking function, W 118d xDrive: linked to xDrive assis Management (ICM) s, side airbags for driver and front boint inertia-reel seatbelts on all ce limiter at the front,
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator  Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems  Safety equipment	kW/hp rpm Nm rpm Ah/- AW  (CC Fa	16.5 diesel 110 / 150 4000 320 1500 – 3000  90 / luggage comp. 150 / 2100  Aluminium double-joint sprii Five-link axle in lightweight steel construction Single-piston floating-callipe Single-piston floating-callipe Single-piston floating-callipe Single-piston floating-callipe Single-piston floating-callipe Single-piston floating-callipe Standard: DSC incl. ABS, ASC and DTC (Dyrornering Brake Control), DBC (Dynamic Brake ding Compensation, Start-Off Assistant; BM' all-wheel-drive system in Integrated Challipe in the compensation of the control passenger, seats with belt tensioner and belt for crash sensors, Tyre Defectors	16.5 diese 110 / 150 4000 320 1500 – 3000  90 / luggage comp 150 / 2100  ng strut axle n with double elastic bearing or disc brakes namic Traction Control), CBC e Control), Dry Braking function, W 118d xDrive: linked to xDrive assis Management (ICM) , side airbags for driver and front boint inertia-reel seatbelts on all ce limiter at the front, et Indicator
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator  Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems	kW/hp rpm Nm rpm Ah/- AW  (CC Fa	16.5 diesel 110 / 150 4000 320 1500 – 3000  90 / luggage comp. 150 / 2100  Aluminium double-joint sprii Five-link axle in lightweight steel construction Single-piston floating-callipe Single-piston floating-callipe Single-piston floating-callipe Standard: DSC incl. ABS, ASC and DTC (Dyrornering Brake Control), DBC (Dynamic Brake ding Compensation, Start-Off Assistant; BM all-wheel-drive system in Integrated Chaindard: airbags for driver and front passenger, head airbags front and rear, three-pseats with belt tensioner and belt for crash sensors, Tyre Defections and service of the control of the cont	16.5 diese 110 / 150 4000 320 1500 – 3000  90 / luggage comp 150 / 2100  ng strut axle n with double elastic bearing or disc brakes radisc brakes radisc brakes namic Traction Control), CBC e Control), Dry Braking function, W 118d xDrive: linked to xDrive sasis Management (ICM) side airbags for driver and front oint inertia-reel seatbelts on all ce limiter at the front, ct Indicator g (EPS),
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator  Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems  Safety equipment  Steering	kW/hp rpm Nm rpm Ah/- AW  (Co	16.5 diesel 110 / 150 4000 320 1500 – 3000  90 / luggage comp. 150 / 2100  Aluminium double-joint sprii Five-link axle in lightweight steel construction Single-piston floating-callipe Standard: DSC incl. ABS, ASC and DTC (Dyrornering Brake Control), DBC (Dynamic Brake ding Compensation, Start-Off Assistant; BM all-wheel-drive system in Integrated Chaindard: airbags for driver and front passenger, seats with belt tensioner and belt forcerash sensors, Tyre Defections optional: Servotronic function, variation, varia	16.5 diesei 110 / 150 4000 320 1500 – 3000  90 / luggage comp. 150 / 2100  ng strut axle n with double elastic bearing or disc brakes re disc brakes namic Traction Control), CBC e Control), Dry Braking function, W 118d xDrive: linked to xDrive assis Management (ICM) , side airbags for driver and front boint inertia-reel seatbelts on all ce limiter at the front, et Indicator g (EPS), able sport steering
Fuel  Max. output at  Max torque at  Electrical System  Battery/installation Alternator  Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems  Safety equipment  Steering Steering ratio, overall	kW/hp rpm Nm rpm Ah/- AW  (CC Fa	16.5 diesel 110 / 150 4000 320 1500 – 3000  90 / luggage comp. 150 / 2100  Aluminium double-joint sprii Five-link axle in lightweight steel construction Single-piston floating-callipe Single-piston floating-callipe Single-piston floating-callipe Standard: DSC incl. ABS, ASC and DTC (Dyrornering Brake Control), DBC (Dynamic Brake ding Compensation, Start-Off Assistant; BM all-wheel-drive system in Integrated Chaindard: airbags for driver and front passenger, seats with belt tensioner and belt forcerash sensors, Tyre Defective Power Steering optional: Servotronic function, variation of the proposal servotronic function	16.5 diesei 110 / 150 4000 320 1500 – 3000  90 / luggage comp. 150 / 2100  ng strut axle n with double elastic bearing or disc brakes or disc brakes radisc brakes hamic Traction Control), CBC to Control), Dry Braking function, W 118d xDrive: linked to xDrive to assis Management (ICM) to side airbags for driver and front to lint inertia-reel seatbelts on all to ce limiter at the front, ti Indicator g (EPS), able sport steering
Fuel Max. output at Max torque at  Electrical System Battery/installation Alternator  Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems  Safety equipment  Steering	kW/hp rpm Nm rpm Ah/- AW  (Co	16.5 diesel 110 / 150 4000 320 1500 – 3000  90 / luggage comp. 150 / 2100  Aluminium double-joint sprii Five-link axle in lightweight steel construction Single-piston floating-callipe Standard: DSC incl. ABS, ASC and DTC (Dyrornering Brake Control), DBC (Dynamic Brake ding Compensation, Start-Off Assistant; BM all-wheel-drive system in Integrated Chaindard: airbags for driver and front passenger, seats with belt tensioner and belt forcerash sensors, Tyre Defections optional: Servotronic function, variation, varia	16.5 diese 110 / 150 4000 320 1500 – 3000  90 / luggage comp 150 / 2100  ng strut axle n with double elastic bearing or disc brakes re disc brakes namic Traction Control), CBC e Control), Dry Braking function, W 118d xDrive: linked to xDrive assis Management (ICM) , side airbags for driver and front boint inertia-reel seatbelts on all ce limiter at the front, et Indicator g (EPS), able sport steering

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			BMW 118d 5-door	BMW 118d xDrive 5-door
Transmissio	n			
Type of transmission			6-speed manual (optional: 8-speed	6-speed manual
			Steptronic transmission)	
Gear ratios		:1	4.002 (5.000)	4.110
	II	:1	2.109 (3.200)	2.248
	III	:1	1.396 (2.143)	1.403
	IV	:1	1.000 (1.720)	1.000
	V	:1	0.781 (1.314)	0.802
	VI	:1	0.668 (1.000)	0.659
	VII	:1	- (0.822)	-
	VIII	:1	- (0.640)	_
	R	:1	3.647 (3.456)	3.727
Final drive		:1	3.077 (2.647)	3.154
Performance	<u> </u>			
Power-to-weight ratio (DIN)		kg/kW	12.3 (12.5)	13.0
Output per litre	Э	kW/ltr	55.1	55.1
Acceleration	0–100 km/h	S	8.3 (8.1)	8.4
in 5th gear	80-120 km/h	S	9.2 (–)	9.5
Top speed		km/h	212 (212)	210
BMW Efficie	ntDvnamics			
BMW EfficientDynamics			Brake Energy Regeneration wit	h recuperation display.
standard features			Electric Power Steering (EPS), Auto Start	
			Indicator, ECO PRO mode with coasting	function (automatic), intelligent
			lightweight construction, optimised aero	dynamic attributes, on-demand
			operation of ancillary units, map-contro	olled oil pump, differential with

· ·	3 / 1	
(BN	1W 118d xDrive), tyres with reduced rolling	resistance
U <sup>3)</sup>		
ltr/100 km	4.8 (4.5)	5.1
ltr/100 km	3.5 (3.4)	3.8
ltr/100 km	4.0 (3.8)	4.3
g/km	109 (99)	113
yres 205/55 R16 (BMW 118d), wit	h rims 7J x 17 and tyres 205/50 R17,	
tyres 225/45 R 17 as well as winter	er tyres,	
t, 8J x 17 rear and tyres 225/45 R <sup>2</sup>	17 front, 245/40 R17 rear	
ltr/100 km	5.0 (4.7)	5.4
ltr/100 km	3.6 (3.6)	4.0
ltr/100 km	4.1 (4.0)	4.5
g/km	109 (105)	119
nt, 8J x 18 rear and tyres 225/40 R	18 front, 245/35 R18 rear	
ltr/100 km	5.2 (4.9)	5.6
ltr/100 km	3.8 (3.8)	4.1
ltr/100 km	4.3 (4.2)	4.7
g/km	114 (110)	123
	EU6	EU6
	optimised war (BN up 3)  Itr/100 km	Itr/100 km

Specifications apply to ACEA markets/data relevant to homologation apply in part only to Germany (weight) BMW 118d: figures in brackets apply to automatic transmission

 $<sup>^{1)}</sup>$  Height with roof fin: 1440 mm  $^{2)}$  Oil change  $^{3)}$  Fuel consumption and  $CO_2$  emission figures depend on the selected tyre format

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# The BMW 1 Series 5-door. 120d, 120d xDrive.

		BMW 120d 5-door	BMW 120d xDrive 5-door
Body			
No. of doors/seats		5/5	5/5
Length/width/height 1) (unladen)	mm	4329 / 1765 / 1421	4329 / 1765 / 1421
Wheelbase	mm	<u>43297176371421</u> 2690	
Track, front/rear	mm		2690
Ground clearance	mm	1521 / 1556	1522 / 1556
	mm	140	140
Turning circle	m	10.9	11.3
Fuel tank capacity	approx.	52	52
Cooling system incl. heater	ltr ltr	7.0	7.0
Engine oil 2)	ltr	5.0	5.0
Weight, unladen, to DIN/EU			1455 / 1530
weight, unladen, to blive	kg	1375 / 1450 (1390 / 1465)	1455 / 1530
Max. load to DIN	kg	565	550
Max. permissible weight	kg	1940 (1955)	2005
Max. axle load, front/rear		900 / 1090	975 / 1090
Max. trailer load (12%)	kg	90071090	9737 1090
braked/unbraked	kg	1500 / 710	1500 / 750
Max. roof load/max towbar download	kg	75 / 75	75 / 75
Luggage comp. capacity	ltr	360 – 1200	360 – 1200
Air resistance	C <sub>d</sub> x A	0.30 x 2.14	0.31 x 2.14
Power Unit			
Config./No. of cyls./valves		in-line / 4 / 4	in-line / 4 / 4
Engine technology	BMW	/ TwinPower Turbo technology: turboch common rail direct injection with s max. injection pressure	olenoid valve injectors,
Effective capacity	CC	1995	1995
Stroke/bore	mm	90.0 / 84.0	90.0 / 84.0
Compression ratio	:1	16.5	16.5
Fuel		diesel	diese
Max. output	kW/hp	140 / 190	140 / 190
at	rpm	4000	4000
Max torque	Nm	400	400
at	rpm	1750 – 2500	1750 – 2500
	·		
Electrical System	• • •		
Battery/installation	Ah/-	90 / luggage comp.	90 / luggage comp.
Alternator	A/W	150 / 2100	150 / 2100
Driving Dynamics and Safety	7		
Suspension, front		Aluminium double-joint s	oring strut axle
Suspension, rear	Fir	ve-link axle in lightweight steel construct	
Brakes, front		Single-piston floating-calli	<u> </u>
Brakes, rear	Single-piston floating-calliper disc brakes  Single-piston floating-calliper disc brakes		
Driving stability systems	Str.	andard: DSC incl. ABS, ASC and DTC (D	
Driving stability systems		nering Brake Control), DBC (Dynamic Bra	
	•	ng Compensation, Start-Off Assistant; B	
	i auii		
Safety equipment	all-wheel-drive system in Integrated Chassis Management (ICM		
Safety equipment	Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front,		
		crash sensors, Tyre Def	
Ctooring		Electric Power Steer	riy (⊏۲5),
Steering		antional Conjetes -!- f!!	riable apart steering
	.1	optional: Servotronic function, va	<u> </u>
Steering ratio, overall	:1	15.0	15.1
	:1	<u> </u>	· · · · · · · · · · · · · · · · · · ·

#### **BMW**

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			BMW 120d 5-door	BMW 120d xDrive 5-doo	
Transmission	n				
Type of transm	nission	6-s	peed manual (optional: 8-speed	8-speed Steptronic transmissio	
· ·			Steptronic transmission)		
Gear ratios		:1	4.110 (5.000)	5.00	
	II	:1	2.248 (3.200)	3.20	
	III	:1	1.403 (2.143)	2.14	
	IV	:1	1.000 (1.720)	1.72	
	V	:1	0.802 (1.314)	1.31	
	VI	:1	0.659 (1.000)	1.00	
	VII	:1	- (0.822)	0.82	
	VIII	:1	- (0.640)	0.64	
	R	:1	3.727 (3.456)	3.45	
Final drive		:1	3.077 (2.647)	2.64	
Performance	<u> </u>				
Power-to-weig	ht ratio (DIN)	kg/kW	9.8 (9.9)	10.	
Output per litre	Э	kW/ltr	70.2	70.	
Acceleration	0–100 km/h	S	7.1 (7.0)	6.	
in 5th gear	80-120 km/h	S	7.2 (–)		
Top speed		km/h	228 (228)	22	
BMW Efficier	ntDynamics				
BMW Efficient			Brake Energy Regeneration v	vith recuperation display,	
standard features		Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift			
		Ind	icator, ECO PRO mode with coastir	ng function (automatic), intelligent	
		ligh	tweight construction, optimised ae	rodynamic attributes, on-demand	
			, ,	d oil pump, differential with optimise	
		warr	n-up behaviour, efficiency- and wei		
			120d xDrive), tyres with red		

Fuel Consumption	EU 3)		
With standard tyres			
Urban	ltr/100 km	5.0 (4.6)	5.1
Extra-urban	ltr/100 km	3.6 (3.5)	3.9
Combined	ltr/100 km	4.1 (3.9)	4.3
CO <sub>2</sub>	g/km	108 (103)	113
With rims 7J x 17 and	d tyres 205/50 R17, with rims 7.5J	17 and tyres 225/45 R 17 as well as winter ty	res,
with rims 7.5J x 17 fr	ont, 8J x 17 rear and tyres 225/45 F	R17 front, 245/40 R17 rear	
Urban	ltr/100 km	5.3 (4.9)	5.3
Extra-urban	ltr/100 km	3.7 (3.7)	4.1
Combined	ltr/100 km	4.3 (4.1)	4.5
CO <sub>2</sub>	g/km	114 (109)	119
With rims 7.5J x 18 fr	ront, 8J x 18 rear and tyres 225/40	R18 front, 245/35 R18 rear	
Urban	ltr/100 km	5.5 (5.1)	5.5
Extra-urban	ltr/100 km	3.9 (3.9)	4.3
Combined	ltr/100 km	4.5 (4.3)	4.7
CO <sub>2</sub>	g/km	118 (114)	124
Emission rating		EU6	EU6

Specifications apply to ACEA markets/data relevant to homologation apply in part only to Germany (weight) BMW 120d: figures in brackets apply to automatic transmission (standard in the BMW 120d xDrive)

 $<sup>^{1)}</sup>$  Height with roof fin: 1440 mm  $^{2)}$  Oil change  $^{3)}$  Fuel consumption and CO $_2$  emission figures depend on the selected tyre format

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## The BMW 1 Series 5-door. 125d.

		BMW 125d 5-door
D!		
Body		
No. of doors/seats		5/5
Length/width/height 1) (unladen)	mm	4329 / 1765 / 1421
Wheelbase	mm	2690
Track, front/rear	mm	1521 / 1556
Ground clearance	mm	140
Turning circle	m	10.9
Fuel tank capacity	approx.	52
Cooling system incl. heater	ltr Itr	7.0
Engine oil 2)	ltr	5.0
Weight, unladen, to DIN/EU	kg	1430 / 1505
Max. load to DIN	kg	565
Max. permissible weight	kg	1995
Max. axle load, front/rear		940 / 1115
Max. trailer load (12%)	kg Ka	94071115
braked/unbraked	Kg	1500 / 710
Max. roof load/max towbar download	kg	75 / 75
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C <sub>d</sub> x A	0.31 x 2.14
Power Unit		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage charging, high- and low-
go tooo.ogy		pressure turbocharger with variable inlet geometry, common rail direct
		injection with solenoid valve injectors, max. injection pressure: 2,500 bar
Effective capacity	CC	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		diesel
Max. output	kW/hp	165 / 224
at		4400
Max torque	rpm	4400
<del></del>	Nm	
at	rpm	1500 – 3000
Electrical System		
Battery/installation	Ah/-	90 / luggage comp.
Alternator	A/W	150 / 2100
Driving Dynamics and Safety		
Suspension, front		Aluminium double-joint spring strut axle
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes Single-piston floating-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC
Driving stability systems		(Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
Carety equipment		front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, Tyre Defect Indicator
Steering		Electric Power Steering (EPS),
3		optional: Servotronic function, variable sport steering
Steering ratio, overall	:1	15.0
Tyres, front/rear	• • • • • • • • • • • • • • • • • • • •	205/50 R17 89W
Rims, front/rear		7J x 17 light-alloy
Tarre, nontreal		75 X 17 light-alloy

#### **BMW**

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		BMW 125d 5-door	
Transmission			
Type of transmission		8-speed Steptronic transmission	
Gear ratios	I :1	5.000	
	II :1	3.200	
	III :1	2.143	
	IV :1	1.720	
	V :1	1.314	
	VI :1	1.000	
	VII :1	0.822	
	VIII :1	0.640	
	R :1	3.456	
Final drive	:1	2.647	
Performance			
Power-to-weight ratio (	DIN) kg/kW	8.7	
Output per litre	kW/ltr	82.7	
Acceleration 0-10	0 km/h s	6.3	
in 5th gear 80–1	20 km/h s	_	
Top speed	km/h	240	

#### BMW EfficientDynamics

BMW EfficientDynamics standard features

Brake Energy Regeneration with recuperation display,
Electric Power Steering (EPS), Auto Start Stop function, ECO PRO mode
with coasting function, intelligent lightweight construction, optimised
aerodynamic attributes, on-demand operation of ancillary units, mapcontrolled oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance

Fuel Consumption E	:U <sup>3)</sup>		
With standard tyres			
Urban	ltr/100 km	5.1	
Extra-urban	ltr/100 km	3.9	
Combined	ltr/100 km	4.3	
CO <sub>2</sub>	g/km	114	
With rims 7.5J x 17 and	d tyres 225/45 R 17 as well as winter t	/res,	
with rims 7.5J x 17 from	nt, 8J x 17 rear and tyres 225/45 R17 f	ront, 245/40 R17 rear,	
with rims 7.5J x 18 from	nt, 8J x 18 rear and tyres 225/40 R18 f	ront, 245/35 R18 rear	
Urban	ltr/100 km	5.4	
Extra-urban	ltr/100 km	4.1	
Combined	ltr/100 km	4.6	
CO <sub>2</sub>	g/km	121	
Emission rating		EU6	

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

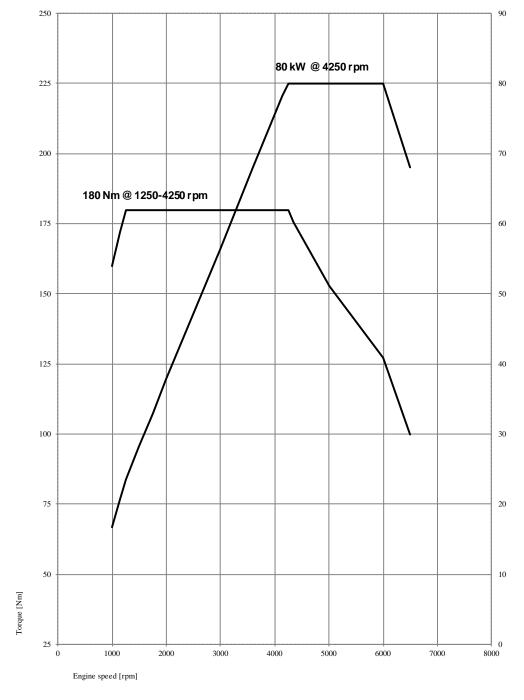
 $<sup>^{1)}</sup>$  Height with roof fin: 1440 mm  $^{2)}$  Oil change  $^{3)}$  Fuel consumption and CO $_2$  emission figures depend on the selected tyre format

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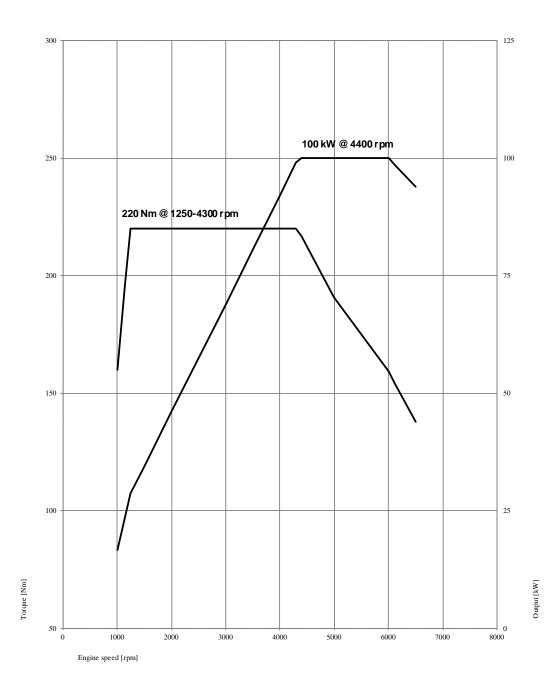
### Output and torque diagrams. The BMW 1 Series. 116i.





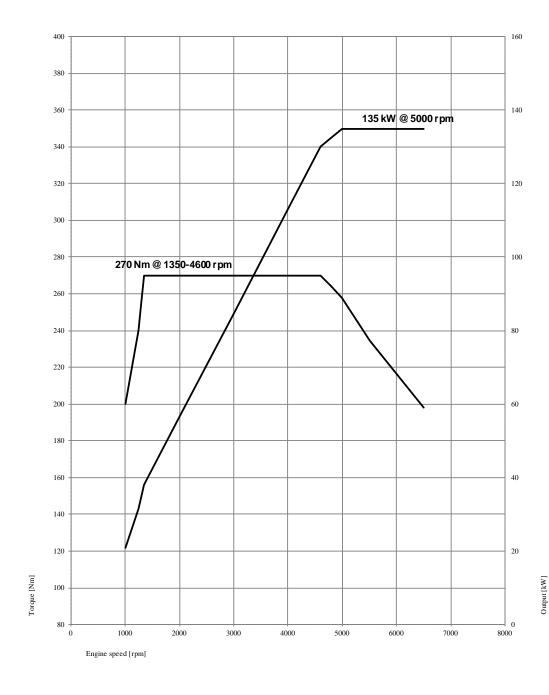
The BMW 1 Series. 118i.

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The BMW 1 Series. 120i.

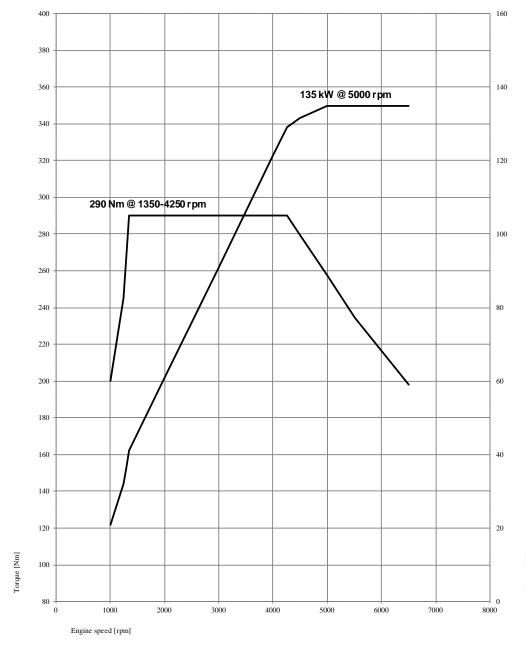
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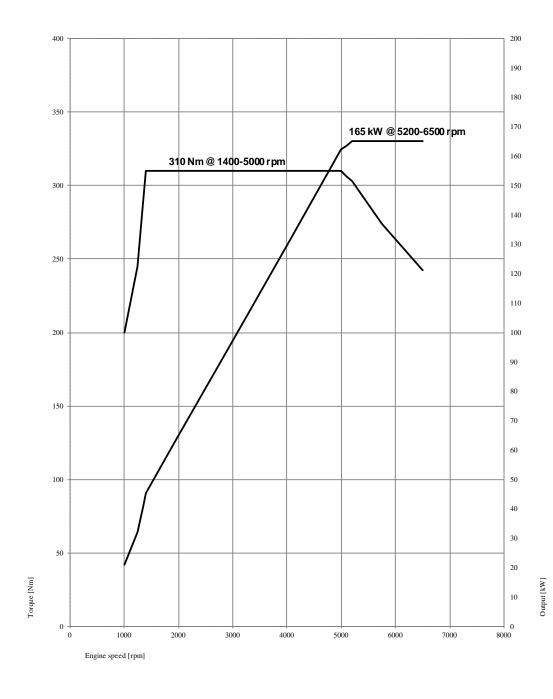
## The BMW 1 Series. 120i manual.



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The BMW 1 Series. 125i.

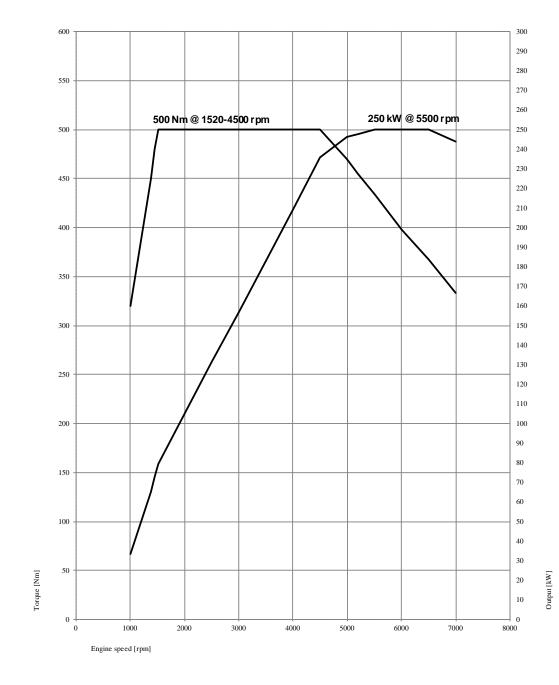
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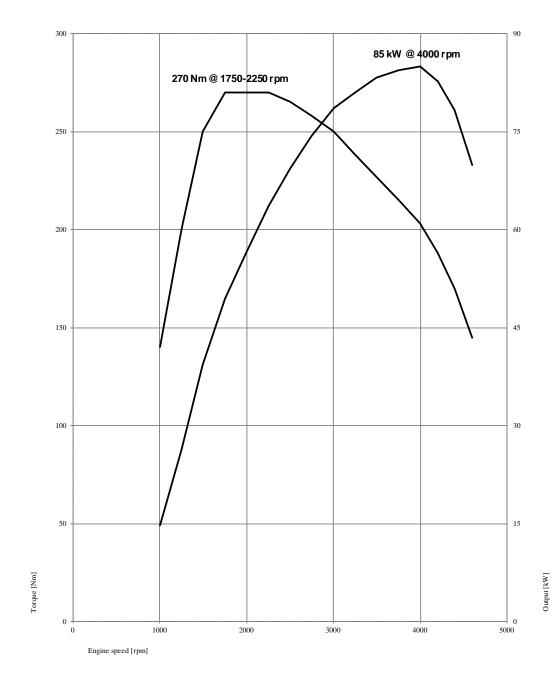
# The BMW 1 Series. M140i, M140i xDrive.



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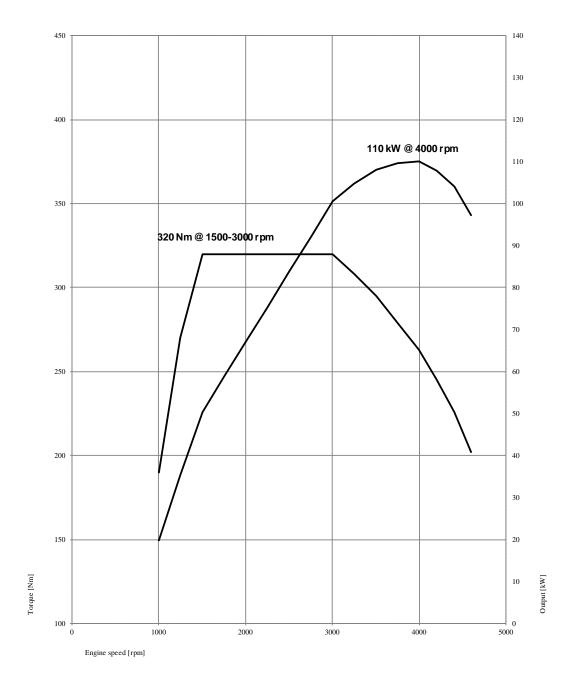
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### The BMW 1 Series. 116d, 116d EfficientDynamics Edition.



The BMW 1 Series. 118d, 118d xDrive.

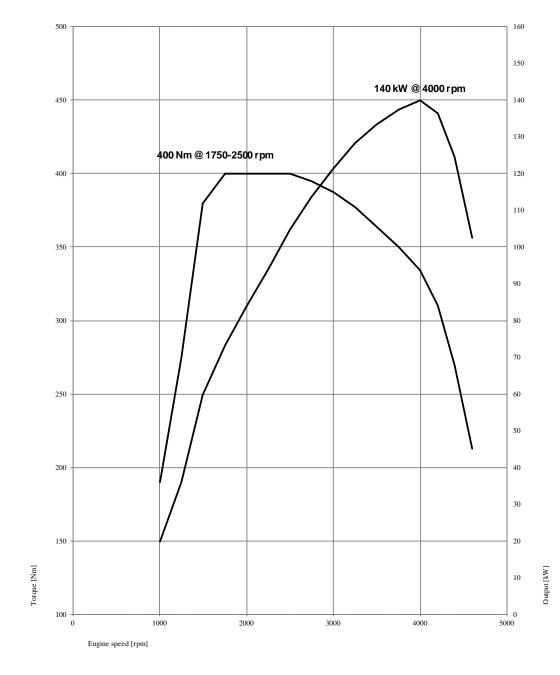
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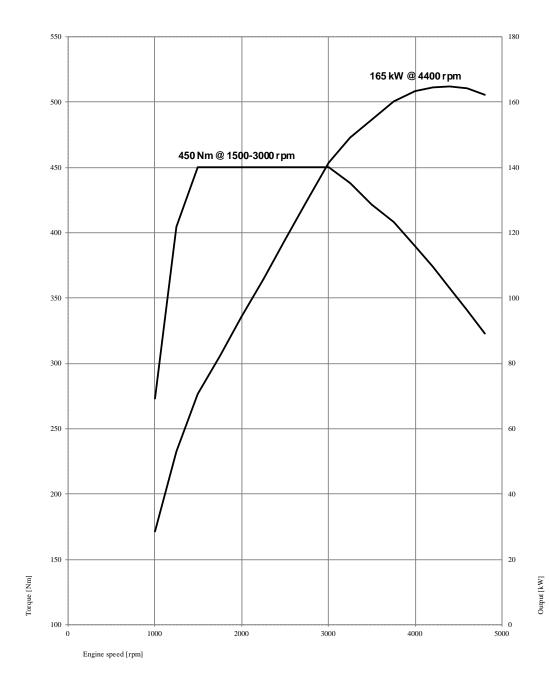
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# The BMW 1 Series. 120d, 120d xDrive.



The BMW 1 Series. 125d.

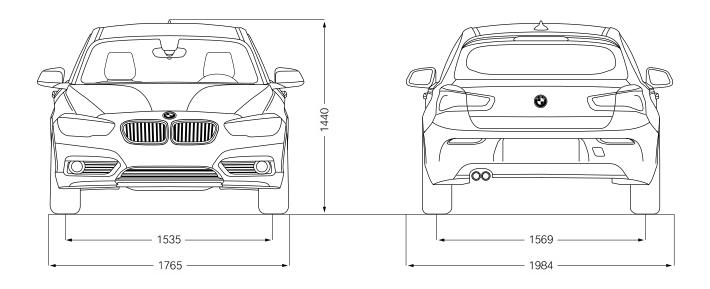
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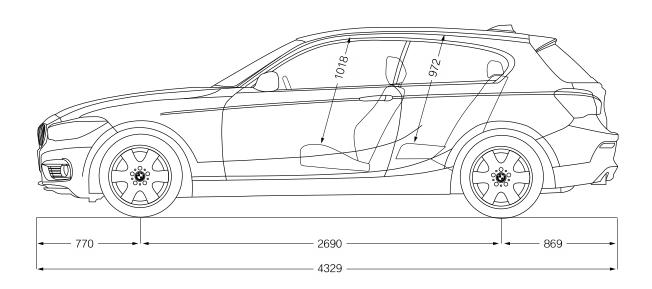


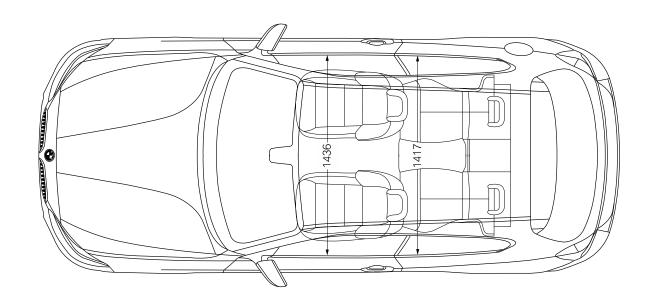
### **Exterior and interior dimensions.** The BMW 1 Series 3-door.



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The BMW 1 Series 5-door.

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