5/2017 Page **1**

Valid from 7/2017

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	00011000
braked/unbraked /		1200 / 650
Max. roof load/max towbar download	kg	75 / 75
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C _d 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
Linguio toorinology		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
	1.3.4.0	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		Alicentations also had to the control to the
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),
		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

Media Information

5/2017 Page 2

Valid from 7/2017

			BMW 116i 3-door	
Transmission				
Type of transmi	ssion		6-speed manual	
Gear ratios	I	: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	
in 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 ³⁾		
	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 ₂	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 ₂	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 ₂	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 $_{\!2}$ emissions depend on the selected tyre format

5/2017 Page 3

Valid from 7/2017

The BMW 1 Series 3-door. 118i.

		BMW 118i 3-door
		DMW 11010-0001
Body		
No. of doors/seats		3 / 4 (5)
Length/width/height (unladen)) 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)	- 1	4.25
Weight, unladen (DIN/EU)	kg	1300 / 1375
		(1315 / 1390)
Payload (DIN)	kg	565
Max. permissible weight	kg	1865 (1880)
Max. axle load, front/rear	kg	865 / 1090
Max. trailer load (12%)	kg	
braked/unbraked ,	J	1300 / 650
Max. roof load/max towbar dow	nload kg	75 / 75
Luggage comp. capacity	Ĭ	360 – 1200
Air resistance	Cd x A	0.31 x 2.14
Engine		
Type/no. of cylinders/valves		in-line / 3 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger, direct injection system High
Zingino toorinology	•	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 Cafet	h.,	
Driving Dynamics and Safet	Ly	Aluminium daublo iciat aprina atrut aula
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
Front/rear wheels		6.5J x 16 steel

Media Information

5/2017 Page 4

Valid from 7/2017

			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	ıtput	kW/l	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 (EU) ³⁾	
with standard wheels a	and tyres, with 7J x 16" rims and	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 ₂ emissions	g/km	116 (112)
	205/50 R17 tyres, with 7.5J x 1 ms, 8J x 17'' rear rims, 225/45 F	7" 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 ₂ emissions	g/km	123 (119)
with 7.5J x 18" front rin	ms, 8J x 18'' rear rims, 225/40 F	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 ₂ 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

 $^{^{1)}}$ Height with roof aerial: 1440 mm $^{2)}$ Oil change volume $^{3)}$ Fuel consumption and CO_2 emissions depend on the selected tyre format

5/2017 Page 5

Valid from 7/2017

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 1 (unladen)	mm	4329 / 1765 / 1421	4329 / 1765 / 1421
Wheelbase		2690	2690
Front/rear track	mm	1535 / 1569	1521 / 1556
	mm	140	140
Ground clearance	mm	-	
Turning circle	m	10.9	10.9
	approx. I	52	52
Engine oil capacity ²⁾		5.25	5.25
Weight, unladen (DIN/EU)	kg	1365 / 1440 (1375 / 1450)	1400 / 1475
Payload (DIN)	kg	565	565
Max. permissible weight	kg	1930 (1940)	1965
Max. axle load, front/rear Max. trailer load (12%)	kg	910 / 1090	920 / 1100
braked/unbraked	kg	1500 / 680	1500 / 680
Max. roof load/max towbar downlo		75 / 75	75 / 75
	bau kg I	360 – 1200	360 – 1200
Luggage comp. capacity Air resistance	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-scroll tur	
Engine teermology		system High Precision Injection, fully variable valve c double VANOS variable camsha	ontrol (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
	κννπιρ	5000	5200-6500
at rpm Torque	Nm		310
Torque	INIII	290 (270)	310
at rpm		1350 – 4250 (1350–4600)	1400 – 5000
Electrical			
Battery charge/location	Ah/-	80 / luggage compartment	80 / luggage compartment
		oo maggaga oo paramona	
Driving Dynamics and Safety		AL	
Front suspension		Aluminium double-joint spring s	
Rear suspension		Five-link axle in lightweight steel construction wit	
Front brakes		Single-piston floating-calliper dis	
Rear brakes		Single-piston floating-calliper dis	
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dyna	ımic Traction Control),
		CBC Cornering Brake Control, DBC Dynamic Bra function, Fading Compensation, Start-	
Safety equipment		Standard: airbags for driver and front passenger, side	
		passenger, head airbags front and rear, three-point	•
		seats with belt tensioner and belt force lir	
		crash sensors, Tyre Defect Inc	
Steering		Electromechanical rack-and-pinion powe	
		optional: Servotronic function, variable	•
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
1 TOTAL WITCES		0.50 X 10 Steel	75 x 17 light-alloy

Media Information

5/2017 Page 6

Valid from 7/2017

			BMW 120i 3-door	BMW 125i 3-door
Transmission				
Type of gearbo	X		6-speed manual	8-speed Steptronic
71 3			(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-power	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	tDynamics			
BMW EfficientD	Dynamics	Е	Brake Energy Regeneration with recuperation dis	splay, electric power steering
Features includ	ed as standard		(EPS), Auto Start Stop function, gear shift indic	cator, ECO PRO mode with
			coasting function (automatic), intelligent lig	
			optimised aerodynamic attributes, on-demand	
		n	nap-controlled oil pump, differential with optimis	
			with reduced rolling resis	tance
Fuel consump				
			ims and 195/55 R16 tyres (BMW 120i),	
	nd 205/50 R17 ty		•	
Urban		/100 km	7.6 (7.0)	7.2
Extra-urban		l/100 km	4.7 (4.7)	4.9
Total		/100 km	5.7 (5.5)	5.7
CO ₂ emissions		g/km	131 (126)	130
with 7J x 17" rin	ms and 205/50 R	17 tyres (Bl	MW 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

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

138 (133)

8.1 (7.4)

5.0 (5.0)

6.1 (5.9)

EU6

140 (135)

134

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

g/km

I/100 km

I/100 km

I/100 km

g/km

CO₂ emissions

Urban

Total

Extra-urban

CO₂ emissions

Emissions standard

 $^{^{1)}}$ Height including roof aerial $^{2)}$ Oil change volume $^{3)}$ Fuel consumption and $\rm CO_2$ emissions depend on the selected tyre format

5/2017 Page 7

Valid from 7/2017

The BMW 1 Series 3-door. M140i.

		BMW M140i 3-door
		Dillit in 1-101 0-4001
Body		
No. of doors/seats		3 / 4 (5)
Length/width/height ¹⁾ (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. Itr	52
Engine oil ²⁾	ltr	6.5
Weight, unladen, to DIN/EU	kg	1445 / 1520
	···9	(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	3707 1120
braked/unbraked	Ng	-/-
Max. roof load/towbar downloa	ad kg	75/-
Luggage comp. capacity	ltr	360 – 1200
Air resistance		0.34 x 2.14
All resistance	C _d x A	0.34 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		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	1020 1000
Electrical System		
Battery/Installation	Ah/–	80 / luggage comp.
D.: 1. D		
Driving Dynamics and Safe	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.
		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
		<u> </u>

Media Information

5/2017 Page 8

Valid from 7/2017

			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)
n 5th gear 80	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	J		
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 ₂	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

¹⁾ Height including roof aerial ²⁾ Oil change volume

5/2017 Page 9

Valid from 7/2017

The BMW 1 Series 3-door. M140i xDrive.

		BMW M140i xDrive 3-door
Rody		
Body No. of doors/seats		3 / 4 (5)
Length/width/height ¹⁾ (unladen)	mm	4324 / 1765 / 1411
Wheelbase	mm	2690
Track, front/rear	mm	
Ground clearance	mm	1516 / 1534
	mm	130
Turning circle Tank capacity	m	11.3
	approx. ltr	52
Engine oil ²⁾	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%)	kg	
braked/unbraked		-/-
Max. roof load/towbar download	kg	75 / –
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C _d x A	0.35 x 2.14
Facility		
Engine Config./No. of cyls./valves		in-line / 6 / 4
Engine technology		M Performance TwinPower Turbo technology with twin-scroll turbocharger,
ge teee.egy		High Precision Direct Injection, fully variable valve control (VALVETRONIC)
		and double-VANOS variable camshaft control
Effective capacity	CC	2998
Stroke/bore		94.6 / 82.0
Compression ratio	m_ :1	94.0782.0
	- 1	
Fuel grade	1.1.47//	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	,	
	<u>/</u>	Aluminium double-joint spring strut axle
Suspension, front		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
Diving stability systems	(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),
Characian making as 1000		variable sport steering
Steering ratio, overall	:1	14.6
Tyres, front/rear		225/40 R18 88Y/
Diago fronting or		245/35 R 18 92Y XL
Rims, front/rear		7.5J x 18 light-alloy/
		8J x 18 light-alloy

Media Information

5/2017 Page 10

Valid from 7/2017

			BMW M140i xDrive 3-door
Transmission	<u> </u>		
Type of gearbo)X		8-speed Steptronic Sport transmission
Gear ratios	1	: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-weigl	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	EU		
Urban	ltr/100 km	9.8	
Extra-urban	ltr/100 km	6.0	
Combined	ltr/100 km	7.4	
CO ₂	g/km	169	
Emission rating		EU6	

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

¹⁾ Height including roof aerial ²⁾ Oil change volume

5/2017 Page 11

Valid from 7/2017

The BMW 1 Series 3-door. 116d.

		BMW 116d 3-door
		2
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.	52
	Itr	02
Cooling system incl. heater	ltr	7.0
Engine oil 2)	ltr	4.4
Weight, unladen, to DIN/EU	kg	1320 / 1395
vvoignt, aniadon, to birvie	Ng	(1350 / 1425)
Max. load to DIN	ka	565
Max. permissible weight	kg	1885 (1915)
Max. axle load, front/rear	kg	, ,
	kg	885 / 1090
Max. trailer load (12%) braked/unbraked	kg	1500 (600
		1500 / 690
Max. roof load/max towbar download	kg	75 / 75
	14	200 1000
Luggage comp. capacity Air resistance	ltr 0 1	
All resistance	C _d x A	0.30 x 2.14
Danie I Iaia		
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
, well later	~~~	100 / 2320
Driving Dynamics and Safety		
Suspension, front		Aluminium dauble jaint enring etrut eule
		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,
Ctaorina		crash sensors, Tyre Defect Indicator
Steering		Electric Power Steering (EPS),
Otracia de la contractiona de la		optional: Servotronic function, variable sport steering
Steering ratio, overall	:1	15.0
T (
Tyres, front/rear Rims, front/rear		195/55 R16 87H 6.5J x 16 steel

Media Information

5/2017 Page 12

Valid from 7/2017

			BMW 116d 3-door
Transmission			
Type of transmi	ssion		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-weigh	t ratio (DIN)	kg/kW	15.5 (15.9)
Output per litre		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 E	EU ³⁾		
	ms 7J x 16 and tyres 205/55 R16 as w	rell 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 ₂	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 ₂	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 ₂	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

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

5/2017 Page 13

Valid from 7/2017

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)		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		565
Max. permissible weight	kg	1885
Max. axle load, front/rear	kg	
Max. trailer load (12%)	kg	855 / 1090
braked/unbraked	kg	-1-
Max. roof load/max towbar download	kg	75 / –
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C _d 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,
Effective and the		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
<u>at</u>	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
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 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),
5		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
		10 X 10 30001

Media Information

5/2017 Page 14

Valid from 7/2017

			BMW 116d EfficientDynamics Edition 3-door
			-
Transmission			
Type of transmissi	on		6-speed manual
Gear ratios	I	:1	4.002
	II	: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-weight ra	atio (DIN)	kg/kW	15.5
Output per litre		kW/ltr	56.8
Acceleration 0)–100 km/h	S	10.4
in 5th gear 8	30-120 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 ₂	g/km	89
With rims 7J x 17 and	tyres 205/50 R17, with rims 7.5J x 17 a	and tyres 225/45 R 17,
with rims 7.5J x 17 from	nt, 8J x 17 rear and tyres 225/45 R17 fr	ont, 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 ₂	g/km	98
With rims 7.5J x 18 fro	nt, 8J x 18 rear and tyres 225/40 R18 f	ront, 245/35 R18 rear
Urban	ltr/100 km	4.4
Extra-urban	ltr/100 km	3.5
Combined	ltr/100 km	3.8
CO ₂	g/km	101
Emission rating		EU6

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

 $^{^{1)}}$ Height with roof fin: 1432 mm $^{2)}$ Oil change $^{3)}$ Fuel consumption and CO_2 emission figures depend on the selected tyre format

5/2017 Page 15

Valid from 7/2017

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

		BMW 118d 3-door	BMW 118d xDrive 3-door
Body			
No. of doors/seats		2 / 4 /5\	2/4/5)
Length/width/height 1) (unladen)		3 / 4 (5) 4329 / 1765 / 1421	3 / 4 (5) 4329 / 1765 / 1421
Wheelbase	mm		
Track, front/rear	mm	2690	2690
Ground clearance	mm	1535 / 1569	1522 / 1556
	mm	140	140
Turning circle Fuel tank capacity	m	10.9	11.3
ruei tarik capacity	approx.	52	52
Cooling system incl. heater	ltr ltr	7.0	7.0
Engine oil 2)	ltr		
Weight, unladen, to DIN/EU		5.0	5.0
weight, unladen, to Dilvizo	kg	1350 / 1425	1420 / 1495
Max. load to DIN	l.e.	(1375 / 1450)	
	kg	565	550
Max. permissible weight	kg	1915 (1940)	1970
Max. axle load, front/rear Max. trailer load (12%)	kg	900 / 1090	940 / 1090
braked/unbraked	kg	1500 / 600	1500 / 710
Max. roof load/max towbar	1.	1500 / 690	1500 / 710
download	kg	75 <i>l</i> 75	75 / 75
Luggage comp. capacity	ltr	360 – 1200	360 – 1200
Air resistance	C _d x A	0.30 x 2.14	0.31 x 2.14
7 11 10000001100	Od x A	0.50 X 2.14	0.01 \ 2.14
Power Unit			
Config./No. of cyls./valves		in-line / 4 / 4	in-line / 4 / 4
Engine technology	RI	MW TwinPower Turbo technology: turbocha	
Engine teerinelegy	Di	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	:1	16.5	16.5
Fuel		diesel	diesel
Max. output	kW/hp	110 / 150	110 / 150
at at	rpm	4000	4000
Max torque	Nm	320	320
at		1500 – 3000	1500 – 3000
at .	rpm	1300 - 3000	1300 - 3000
Electrical System			
Battery/installation	Ah/-	90 / luggage comp.	90 / luggage comp.
Alternator	AW	150 / 2100	150 / 2100
7 1101110101		13072100	13072100
Driving Dynamics and Safety	,		
Suspension, front		Aluminium double-joint spi	ring strut axle
Suspension, rear		Five-link axle in lightweight steel construction	
Brakes, front		Single-piston floating-callip	<u> </u>
Brakes, rear		Single-piston floating-callip	
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dy	
Driving stability systems	(C	Cornering Brake Control), DBC (Dynamic Brak	• • • • • • • • • • • • • • • • • • • •
	•	ading Compensation, Start-Off Assistant; BN	
		all-wheel-drive system in Integrated Ch	
Safety equipment	St	andard: airbags for driver and front passenge	
		assenger, head airbags front and rear, three-	
		seats with belt tensioner and belt fo	rce limiter at the front,
		crash sensors, Tyre Defe	
Steering		Electric Power Steering	
		optional: Servotronic function, val	
Steering ratio, overall	:1	15.0	15.1
Tyres, front/rear		195/55 R16 87W	205/55 R16 91V
Rims, front/rear		6.5J x 16 steel	7J x 16 steel

Media Information

5/2017 Page 16

Valid from 7/2017

			BMW 118d 3-door	BMW 118d xDrive 3-door
Transmission	l			
Type of transmi	ission		6-speed manual (optional: 8-speed	6-speed manual
			Steptronic transmission)	
Gear ratios	I	: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-weigh	nt 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	tDynamics			
BMW EfficientD	Dynamics		Brake Energy Regeneration wit	h recuperation display,
standard feature	es	Е	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 118d xDrive), tyres with reduced rolling resistance

Fuel Consumption I	EU 3)		
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 ₂	g/km	104 (99)	113
With rims 7J x 16 and	tyres 205/55 R16 (BMW 118d), wi	th rims 7J x 17 and tyres 205/50 R17,	
	d tyres 225/45 R 17 as well as wint		
with rims 7.5J x 17 fro	nt, 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 ₂	g/km	109 (105)	119
With rims 7.5J x 18 fro	ont, 8J x 18 rear and tyres 225/40 F	R18 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 ₂	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

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

5/2017 Page 17

Valid from 7/2017

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

		BMW 120d 3-door BM	W 120d xDrive 3-door
Body			
No. of doors/seats		2 (4 (5)	2 / 4 /5\
Length/width/height 1) (unladen)	2000	3 / 4 (5) 4329 / 1765 / 1421	3 / 4 (5) 4329 / 1765 / 1421
Wheelbase	mm	2690	
Track, front/rear	mm		2690
Ground clearance	mm	1521 / 1556 140	1522 / 1556 140
Turning circle	mm m	10.9	11.3
Fuel tank capacity	m	52	52
T del tarik capacity	approx. Itr	32	52
Cooling system incl. heater	ltr	7.0	7.0
Engine oil 2)	ltr	5.0	5.0
Weight, unladen, to DIN/EU	kg	1370 / 1445	1450 / 1525
veight, anidaen, to bit web	ĸy	(1385 / 1460)	14307 1323
Max, load to DIN	kg	565	550
Max. permissible weight	kg	1935 (1950)	2000
Max. axle load, front/rear		900 / 1090	975 / 1090
Max. trailer load (12%)	kg kg	90071090	97371090
braked/unbraked	ky	1500 / 710	1500 / 750
Max. roof load/max towbar	ka	75 / 75	75 / 75
download	kg	13113	13113
Luggage comp. capacity	ltr	360 – 1200	360 – 1200
Air resistance	C _d x A	0.30 x 2.14	0.31 x 2.14
	-0		
Power Unit			
Config./No. of cyls./valves		in-line / 4 / 4	in-line / 4 / 4
Engine technology	В	MW TwinPower Turbo technology: turbocharger with	
3		common rail direct injection with solenoid va	
		max. injection pressure: 2,000 ba	
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/–	90 / luggage comp.	90 / luggage comp.
Alternator	A/W	150 / 2100	150 / 2100
Driving Dynamics and Safety	'		
Suspension, front		Aluminium double-joint spring strut	
Suspension, rear		Five-link axle in lightweight steel construction with d	
Brakes, front		Single-piston floating-calliper disc br	
Brakes, rear		Single-piston floating-calliper disc br	
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic T	**
		Cornering Brake Control), DBC (Dynamic Brake Contro	
	F	Fading Compensation, Start-Off Assistant; BMW 120d	
		all-wheel-drive system in Integrated Chassis Ma	
Safety equipment		tandard: airbags for driver and front passenger, side air	
	þ	bassenger, head airbags front and rear, three-point ine seats with belt tensioner and belt force limite	
		crash sensors, Tyre Defect Indicat	
Steering		Electric Power Steering (EPS),	
		optional: Servotronic function, variable spo	rt steering
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
		10 V 10 31001	70 x 10 31661

Media Information

5/2017 Page 18

Valid from 7/2017

			BMW 120d 3-door	BMW 120d xDrive 3-door
Transmission				
Type of transmissi	on		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				
Power-to-weight r	atio (DIN)	kg/kW	9.8 (9.9)	10.4
Output per litre		kW/ltr	70.2	70.2
Acceleration (D-100 km/h	S	7.1 (7.0)	6.8
in 5th gear 8	30-120 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 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 $\overline{\text{CO}_2}$ 108 (103) 113 g/km With rims 7J x 17 and tyres 205/50 R17, with rims 7.5J x 17 and tyres 225/45 R 17 as well as winter tyres, with rims 7.5J x 17 front, 8J x 17 rear and tyres 225/45 R17 front, 245/40 R17 rear 5.3 Urban Itr/100 km 5.3 (4.9) Extra-urban ltr/100 km 3.7 (3.7) 4.1 Combined ltr/100 km 4.3 (4.1) 4.5 119 CO₂ 114 (109) g/km With rims 7.5J x 18 front, 8J x 18 rear and tyres 225/40 R18 front, 245/35 R18 rear 5.5 Urban ltr/100 km 5.5 (5.1) Extra-urban ltr/100 km 3.9 (3.9) 4.3 Combined ltr/100 km 4.5 (4.3) 4.7 $\overline{CO_2}$ 118 (114) 124 g/km 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)

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

5/2017 Page 19

Valid from 7/2017

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		565		
	kg			
Max. permissible weight	kg	1990		
Max. axle load, front/rear	kg	940 / 1090		
Max. trailer load (12%)	Kg	4500 (510		
braked/unbraked		1500 / 740		
Max. roof load/max towbar download	kg	75 / 75		
Luggage comp. capacity	ltr	360 – 1200		
Air resistance	C _d 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				
Battery/installation	Ah/-	90 / luggage comp.		
Alternator	AW	22 2 :		
Alternator	AVVV	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		
Brakes, rear		Single-piston floating-calliper disc brakes Standard, DCC incl. ABC, ACC and DTC (Dynamic Treation Control), CBC		
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC		
		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking		
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		
		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 Standard: airbags for driver and front passenger, side airbags for driver and		
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 Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel		
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 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,		
Driving stability systems Safety equipment		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 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		
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 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 Electric Power Steering (EPS),		
Driving stability systems Safety equipment Steering		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 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 Electric Power Steering (EPS), optional: Servotronic function, variable sport steering		
Driving stability systems Safety equipment Steering Steering ratio, overall	:1	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 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 Electric Power Steering (EPS), optional: Servotronic function, variable sport steering		
Driving stability systems Safety equipment Steering	:1	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 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 Electric Power Steering (EPS), optional: Servotronic function, variable sport steering		

Media Information

5/2017 Page 20

Valid from 7/2017

			BMW 125d 3-door
Transmission			
Type of transmiss	ion		8-speed Steptronic transmission
Gear ratios		: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 i	atio (DIN)	kg/kW	8.6
Output per litre		kW/ltr	82.7
Acceleration	0–100 km/h	S	6.3
in 5th gear	80–120 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	EU ³⁾		
With standard tyres			
Urban	ltr/100 km	5.1	
Extra-urban	ltr/100 km	3.9	
Combined	ltr/100 km	4.3	
CO ₂	g/km	114	
With rims 7.5J x 17 an	d tyres 225/45 R 17 as well as winter ty	yres,	
with rims 7.5J x 17 fro	nt, 8J x 17 rear and tyres 225/45 R17 f	ront, 245/40 R17 rear,	
with rims 7.5J x 18 fro	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 ₂	g/km	121	
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 $\rm CO_2$ emission figures depend on the selected tyre format

5/2017 Page 21

Valid from 7/2017

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.	52	
, ,	ltr		
Cooling system incl. heater	ltr	7.7	
Engine oil 2)	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	kg	850 / 1090	
Max. trailer load (12%)	kg	00071000	
braked/unbraked	iv9	1200 / 650	
Max. roof load/max towbar	kg	75 / 75	
download	9	76176	
Luggage comp. capacity	ltr	360 – 1200	
Air resistance	C _d 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 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	
	· ·		
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,	
Ctassing		crash sensors, Tyre Defect Indicator	
Steering		Electric Power Steering (EPS),	
Cteoring ratio everall	.4	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	

Media Information

5/2017 Page 22

Valid from 7/2017

-			BMW 116i 5-door
Transmission			
Type of transmi	ission		6-speed manual
Gear ratios	I	: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
in 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 E	U 3)		
	ns 7J x 16 and tyres 205/55 R16 as we	Il as winter tyres	
Urban	ltr/100 km	6.3	
Extra-urban	ltr/100 km	4.2	
Combined	ltr/100 km	5.0	
CO ₂	g/km	116	
With rims 7J x 17 and t	tyres 205/50 R17, with rims 7.5J x 17 a	nd tyres 225/45 R 17,	
with rims 7.5J x 17 from	nt, 8J x 17 rear and tyres 225/45 R17 fr	ont, 245/40 R17 rear	
Urban	ltr/100 km	6.7	
Extra-urban	ltr/100 km	4.5	
Combined	ltr/100 km	5.3	
CO ₂	g/km	123	
With rims 7.5J x 18 fro	nt, 8J x 18 rear and tyres 225/40 R18 f	ront, 245/35 R18 rear	
Urban	ltr/100 km	6.8	
Extra-urban	ltr/100 km	4.6	
Combined	ltr/100 km	5.4	
CO ₂	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

5/2017 Page 23

Valid from 7/2017

The BMW 1 Series 5-door. 118i.

		BMW 118i 5-door
		DIVITY 1 101 J=0001
Body		
No. of doors/seats		5/5
Length/width/height 1) (unlader	n) 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	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%) braked/unbraked	kg	1300 / 650
Max. roof load/max towbar dow	vnload kg	75 / 75
Luggage comp. capacity	l 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
Engine technology	·	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 Safe	atv.	
Front suspension	Ly	Aluminium double joint enring etrut avic
Rear suspension		Aluminium double-joint spring strut axle Five-link axle in lightweight steel construction with double elastic bearing
Front brakes		Single-piston floating-calliper disc brakes
Rear brakes		Single-pistor 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
Front/rear wheels		6.5J x 16 steel

Media Information

5/2017 Page 24

Valid from 7/2017

			BMW 118i 5-door
Transmission			
Type of gearbox	(6-speed manual (optional: 8-speed Steptronic)
Gear ratios		: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	er ratio		
(DIN unladen)		kg/kW	13.1 (13.2)
Specific power of		kW/l	66.7
Acceleration	0–100 km/h	sec.	8.5 (8.7)
	30-120 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 (EU) ³⁾			
with standard wheels a	and tyres, with 7J x 16" rims and	I 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 ₂ emissions	g/km	116 (112)		
	205/50 R17 tyres, with 7.5J x 1 ms, 8J x 17'' rear rims, 225/45 F	7" 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 ₂ emissions	g/km	123 (119)		
with 7.5J x 18" front rin	ms, 8J x 18'' rear rims, 225/40 F	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 ₂ 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

 $^{^{1)}}$ Height with roof aerial: 1440 mm $^{2)}$ Oil change volume $^{3)}$ Fuel consumption and CO_2 emissions depend on the selected tyre format

5/2017 Page 25

Valid from 7/2017

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

		BMW 120i 5-door	BMW 125i 5-door	
D. d.				
Body No. of doors/seats		5/5	5/5	
Length/width/height (unladen)	mm	4329 / 1765 / 1421	4329 / 1765 / 1421	
Wheelbase	mm	2690	2690	
Front/rear track	mm	1535 / 1569	1521 / 1556	
Ground clearance	mm	140	140	
Turning circle	m	10.9	10.9	
	approx. I	52	52	
Engine oil capacity 2)	I	5.25	5.25	
Weight, unladen (DIN/EU)	kg	1370 / 1445 (1380 / 1455)	1400 / 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%)	ng	3107 1030	32071100	
braked/unbraked	kg	1500 / 670	1500 / 680	
Max. roof load/max towbar downlo		75 / 75	75 / 75	
	Jau ky I	360 – 1200		
Luggage comp. capacity			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-scroll tur system High Precision Injection, fully variable valve c double VANOS variable camsha	ontrol (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	
	κννπιρ	5000	5200	
at rpm	Nm	290	310	
Torque at rpm	INIII	1350 – 4250	1400 – 5000	
Floatical				
Electrical Battery charge/location	Ah/-	80 / luggage compartment	80 / luggage compartment	
		33 3 1		
Driving Dynamics and Safety Front suspension		Aluminium dauble inint anging o	trut oulo	
		Aluminium double-joint spring s		
Rear suspension		Five-link axle in lightweight steel construction wit		
Front brakes		Single-piston floating-calliper dis		
Rear brakes		Single-piston floating-calliper dis		
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dyna		
		CBC Cornering Brake Control, DBC Dynamic Bra function, Fading Compensation, Start-		
Safety equipment		Standard: airbags for driver and front passenger, side		
3	passenger, head airbags front and rear, three-point inertia-reel seatbelts on all			
		seats with belt tensioner and belt force lir		
		crash sensors, Tyre Defect Inc		
Steering		Electromechanical rack-and-pinion powe		
		optional: Servotronic function, variable	•	
Overall steering ratio	:1	15.0	15.0	
Front/rear tyres	.1	195/55 R16 87W	205/50 R17 91W	
Front/rear wheels				
Front/rear wrieels		6.5J x 16 steel	7J x 17 light-alloy	

Media Information

5/2017 Page 26

Valid from 7/2017

			BMW 120i 5-door	BMW 125i 5-door
Transmission	n			
Type of gearbo	OX		6-speed manual	8-speed Steptronic
			(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	<u> </u>			
Weight-to-pow	ver ratio			
(DIN unladen)		kg/kW	10.1 (10.2)	8.5
Specific power	routput	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	ntDynamics			
BMW EfficientI	Dynamics	Bral	ke Energy Regeneration with recuperation dis	splay, electric power steering
Features include	ded as standard	(E	PS), Auto Start Stop function, gear shift indic	ator, ECO PRO mode with
			coasting function (automatic), intelligent lig	
			timised aerodynamic attributes, on-demand	
		map	-controlled oil pump, differential with optimis	
			with reduced rolling resis	tance
Fuel consum				
	wheels and tyres: 6 and 205/50 R17 ty		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 ₂ emissions		g/km	131 (126)	130
			/ 120i), with 7.5J x 17 rims and 225/45 R 17	
			id 225/45 R17 front tyres, 245/40 R17 rear t	
Urban		/100 km	8.0 (7.4)	7.4
Extra-urban		/100 km	4.9 (4.9)	5.0
Total		/100 km	6.0 (5.8)	5.0
CO ₂ emissions	(f O	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

CO₂ emissions

Emissions standard

 $^{^{1)}}$ Height including roof aerial $^{2)}$ Oil change volume $^{3)}$ Fuel consumption and $\rm CO_2$ emissions depend on the selected tyre format

5/2017 Page 27

Valid from 7/2017

The BMW 1 Series 5-door. M140i.

		BMW M140i 5-door
		DIVITY IVI 1-701 J-40001
Body		
No. of doors/seats		5/5
Length/width/height ¹⁾ (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. ltr	52
Engine oil ²⁾	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 _d x A	0.34 x 2.14
<u> </u>	O _d x A	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		
at	rpm	1520 – 4500
Electrical System		
Battery/Installation	Ah/-	80 / luggage comp.
<u> </u>	7-311/	oo naggage comp.
Driving Dynamics and Safe	etv	
Suspension, front		Aluminium double-joint spring strut axle
edopension, nem		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
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),
		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

Media Information

5/2017 Page 28

Valid from 7/2017

			BMW M140i 5-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)
	Ш	: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)
n 5th gear 80	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 ₂	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

¹⁾ Height including roof aerial ²⁾ Oil change volume

5/2017 Page 29

Valid from 7/2017

The BMW 1 Series 5-door. M140i xDrive.

		BMW M140i xDrive 5-door
Body No. of doors/seats		5/5
Length/width/height ¹⁾ (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 ²⁾	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	751-
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C _d x A	0.35 x 2.14
Engine		1. F 10.14
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)
Effect!		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 and a later to the second
Suspension, front		Aluminium double-joint spring strut axle
Companies and		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
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),
··· 9		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

Media Information

5/2017 Page 30

Valid from 7/2017

			BMW M140i xDrive 5-door
Transmission	1		
Type of gearbo	OX .		8-speed Steptronic Sport transmission
Gear ratios	1	: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	9	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 ₂	g/km	169	
Emission rating		EU6	

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

¹⁾ Height including roof aerial ²⁾ Oil change volume

5/2017 Page 31

Valid from 7/2017

The BMW 1 Series 5-door. 116d.

		BMW 116d 5-door
Dodu		
Body		5.15
No. of doors/seats		5/5
Length/width/height 1) (unladen) Wheelbase	mm	4329 / 1765 / 1421
	mm	2690
Track, front/rear	mm	1535 / 1569
Ground clearance	mm	140
Turning circle	m	10.9
Fuel tank capacity	approx.	52
Cooling system incl. heater	ltr ltr	7.0
Engine oil 2)	ltr	4.4
Weight, unladen, to DIN/EU		1320 / 1395
Weight, unladen, to blivico	kg	(1350 / 1425)
Max. load to DIN	kg	565
Max. permissible weight	kg	1885 (1915)
Max. axle load, front/rear	kg	885 / 1090
Max. trailer load (12%)		0037 1030
braked/unbraked	kg	1500 / 690
Max. roof load/max towbar download	kg	75/75
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C _d x A	0.30 x 2.14
, resistance	OaxA	0.00 x 2.114
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
	ipiii	1700 2200
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),
-		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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Media Information

5/2017 Page 32

Valid from 7/2017

			BMW 116d 5-door
Transmission			
Type of transmis	sion		6-speed manual (optional: 8-speed Steptronic transmission)
Gear ratios	l	: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/kW	15.5 (15.9)
Output per litre		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 I	EU 3)		
	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 ₂	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 ₂	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 ₂	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

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

5/2017 Page 33

Valid from 7/2017

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

		BMW 116d EfficientDynamics Edition 5-door
D. J.		·
Body		515
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
Casting a stage in all baston	<u>ltr</u>	7.0
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%) braked/unbraked	kg	-1-
Max. roof load/max towbar download	kg	-/- 75/-
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C _d 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		4000
Max torque	rpm Nm	270
at		1750 – 2250
	rpm	1730 - 2230
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),
		3 · · · //
		optional: Servotronic function, variable sport steering
Steering ratio, overall	:1	optional: Servotronic function, variable sport steering 15.0
Steering ratio, overall Tyres, front/rear	:1	

Media Information

5/2017 Page 34

Valid from 7/2017

			BMW 116d EfficientDynamics Edition 5-door
			-
Transmission			
Type of transmission	on		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 ra	tio (DIN)	kg/kW	15.5
Output per litre		kW/ltr	56.8
Acceleration 0	–100 km/h	S	10.4
in 5th gear 8	0–120 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 ³⁾	
With standard tyres		
Urban	ltr/100 km	3.9
Extra-urban	ltr/100 km	3.1
Combined	ltr/100 km	3.4
CO ₂	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 from	nt, 8J x 17 rear and tyres 225/45 R17 f	ront, 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 ₂	g/km	98
With rims 7.5J x 18 fro	nt, 8J x 18 rear and tyres 225/40 R18	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 ₂	g/km	101
Emission rating		EU6

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

 $^{^{1)}}$ Height with roof fin: 1432 mm $^{2)}$ Oil change $^{3)}$ Fuel consumption and CO_2 emission figures depend on the selected tyre format

5/2017 Page 35

Valid from 7/2017

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

		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		1535 / 1569	1522 / 1556
Ground clearance	mm	13337 1369	13227 1330
Turning circle	mm	10.9	11.3
Fuel tank capacity	m		
ruei tarik capacity	approx.	52	52
Cooling a retorning hoster	ltr	7.0	7.0
Cooling system incl. heater Engine oil ²⁾	ltr	7.0	7.0
	ltr	5.0	5.0
Weight, unladen, to DIN/EU	kg	1350 / 1425	1430 / 1505
NA L L DIN		(1375 / 1450)	
Max. load to DIN	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 _d 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	- RI	MW TwinPower Turbo technology: turbocharge	
ge teee.egy	Di	common rail direct injection with soler	
		max. injection pressure: 2,	
Effective capacity	CC	1995	1995
Stroke/bore	mm	90.0 / 84.0	90.0 / 84.0
Compression ratio	:1	16.5	16.5
Fuel	.1		
	1.0 \$ / //= -=	diesel	diese
Max. output	kW/hp	110 / 150	110 / 150
at	rpm	4000	4000
		320	320
Max torque	Nm	1500 0000	
at at	rpm	1500 – 3000	
at		1500 – 3000	
at Electrical System	rpm		1500 – 3000
at Electrical System Battery/installation	rpm Ah/–	90 / luggage comp.	1500 – 3000 90 / luggage comp.
at Electrical System	rpm		1500 – 3000 90 / luggage comp
at Electrical System Battery/installation Alternator	rpm Ah/- A/W	90 / luggage comp.	1500 – 3000 90 / luggage comp.
at Electrical System Battery/installation Alternator Driving Dynamics and Safety	rpm Ah/- A/W	90 / luggage comp. 150 / 2100	1500 – 3000 90 / luggage comp. 150 / 2100
at Electrical System Battery/installation Alternator Driving Dynamics and Safety Suspension, front	rpm Ah/- A/W	90 / luggage comp. 150 / 2100 Aluminium double-joint sprin	1500 – 3000 90 / luggage comp. 150 / 2100 g strut axle
at Electrical System Battery/installation Alternator Driving Dynamics and Safety Suspension, front Suspension, rear	rpm Ah/- A/W	90 / luggage comp. 150 / 2100 Aluminium double-joint spring Five-link axle in lightweight steel construction	90 / luggage comp 150 / 2100 g strut axle with double elastic bearing
at Electrical System Battery/installation Alternator Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front	rpm Ah/- A/W	90 / luggage comp. 150 / 2100 Aluminium double-joint spring Five-link axle in lightweight steel construction Single-piston floating-calliper	90 / luggage comp 150 / 2100 g strut axle with double elastic bearing disc brakes
at Electrical System Battery/installation Alternator Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear	rpm Ah/- A/W	90 / luggage comp. 150 / 2100 Aluminium double-joint spring. Five-link axle in lightweight steel construction. Single-piston floating-calliper. Single-piston floating-calliper.	90 / luggage comp 150 / 2100 g strut axle with double elastic bearing disc brakes disc brakes
at Electrical System Battery/installation Alternator Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front	rpm Ah/- A/W	90 / luggage comp. 150 / 2100 Aluminium double-joint sprin. Five-link axle in lightweight steel construction Single-piston floating-calliper Single-piston floating-calliper Standard: DSC incl. ABS, ASC and DTC (Dyna	90 / luggage comp 150 / 2100 g strut axle with double elastic bearing disc brakes disc brakes amic Traction Control), CBC
at Electrical System Battery/installation Alternator Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear	rpm Ah/- AW	90 / luggage comp. 150 / 2100 Aluminium double-joint sprin. Five-link axle in lightweight steel construction Single-piston floating-calliper Single-piston floating-calliper Standard: DSC incl. ABS, ASC and DTC (Dynator	90 / luggage comp 150 / 2100 g strut axle with double elastic bearing disc brakes disc brakes amic Traction Control), CBC Control), Dry Braking function,
at Electrical System Battery/installation Alternator Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear	rpm Ah/- AW	90 / luggage comp. 150 / 2100 Aluminium double-joint sprin. Five-link axle in lightweight steel construction Single-piston floating-calliper Single-piston floating-calliper Standard: DSC incl. ABS, ASC and DTC (Dyna	90 / luggage comp 150 / 2100 g strut axle with double elastic bearing disc brakes disc brakes amic Traction Control), CBC Control), Dry Braking function,
at Electrical System Battery/installation Alternator Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems	rpm Ah/- AW	90 / luggage comp. 150 / 2100 Aluminium double-joint sprin. Five-link axle in lightweight steel construction Single-piston floating-calliper Single-piston floating-calliper Standard: DSC incl. ABS, ASC and DTC (Dynator	90 / luggage comp 150 / 2100 g strut axle with double elastic bearing disc brakes disc brakes disc brakes amic Traction Control), CBC Control), Dry Braking function, / 118d xDrive: linked to xDrive
at Electrical System Battery/installation Alternator Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear	rpm Ah/- A/W (C Fe	90 / luggage comp. 150 / 2100 Aluminium double-joint sprin. Five-link axle in lightweight steel construction Single-piston floating-calliper Single-piston floating-calliper Standard: DSC incl. ABS, ASC and DTC (Dynatornering Brake Control), DBC (Dynamic Brake ading Compensation, Start-Off Assistant; BMW all-wheel-drive system in Integrated Chasandard: airbags for driver and front passenger, senderd: airbags for driver and front passenger, senderd: airbags for driver and front passenger, senderd:	90 / luggage comp 150 / 2100 g strut axle with double elastic bearing disc brakes disc brakes amic Traction Control), CBC Control), Dry Braking function, / 118d xDrive: linked to xDrive sis Management (ICM) side airbags for driver and front
at Electrical System Battery/installation Alternator Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems	rpm Ah/- A/W (C Fe	90 / luggage comp. 150 / 2100 Aluminium double-joint spring. Five-link axle in lightweight steel construction. Single-piston floating-calliper. Single-piston floating-calliper. Standard: DSC incl. ABS, ASC and DTC (Dyna: cornering Brake Control), DBC (Dynamic Brake ading Compensation, Start-Off Assistant; BMW all-wheel-drive system in Integrated Chassandard: airbags for driver and front passenger, sassenger, head airbags front and rear, three-po	90 / luggage comp 150 / 2100 g strut axle with double elastic bearing disc brakes disc brakes amic Traction Control), CBC Control), Dry Braking function, / 118d xDrive: linked to xDrive sis Management (ICM) side airbags for driver and front int inertia-reel seatbelts on all
at Electrical System Battery/installation Alternator Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems	rpm Ah/- A/W (C Fe	90 / luggage comp. 150 / 2100 Aluminium double-joint spring Five-link axle in lightweight steel construction Single-piston floating-calliper Single-piston floating-calliper Standard: DSC incl. ABS, ASC and DTC (Dyna fornering Brake Control), DBC (Dynamic Brake ading Compensation, Start-Off Assistant; BMW all-wheel-drive system in Integrated Chas andard: airbags for driver and front passenger, sassenger, head airbags front and rear, three-po seats with belt tensioner and belt force	90 / luggage comp 150 / 2100 g strut axle with double elastic bearing disc brakes disc brakes amic Traction Control), CBC Control), Dry Braking function, / 118d xDrive: linked to xDrive sis Management (ICM) side airbags for driver and front int inertia-reel seatbelts on all elimiter at the front,
at Electrical System Battery/installation Alternator Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, front Brakes, rear Driving stability systems Safety equipment	rpm Ah/- A/W (C Fe	90 / luggage comp. 150 / 2100 Aluminium double-joint sprin. Five-link axle in lightweight steel construction Single-piston floating-calliper Single-piston floating-calliper Standard: DSC incl. ABS, ASC and DTC (Dyna cornering Brake Control), DBC (Dynamic Brake ading Compensation, Start-Off Assistant; BMW all-wheel-drive system in Integrated Chas andard: airbags for driver and front passenger, sassenger, head airbags front and rear, three-po seats with belt tensioner and belt force crash sensors, Tyre Defect	90 / luggage comp 150 / 2100 g strut axle with double elastic bearing disc brakes disc brakes amic Traction Control), CBC Control), Dry Braking function, / 118d xDrive: linked to xDrive sis Management (ICM) sint airbags for driver and front int inertia-reel seatbelts on all e limiter at the front, Indicator
at Electrical System Battery/installation Alternator Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems	rpm Ah/- A/W (C Fe	90 / luggage comp. 150 / 2100 Aluminium double-joint sprin. Five-link axle in lightweight steel construction Single-piston floating-calliper Single-piston floating-calliper Standard: DSC incl. ABS, ASC and DTC (Dynatornering Brake Control), DBC (Dynamic Brake ading Compensation, Start-Off Assistant; BMW all-wheel-drive system in Integrated Chasandard: airbags for driver and front passenger, sassenger, head airbags front and rear, three-poseats with belt tensioner and belt force crash sensors, Tyre Defect Electric Power Steering	90 / luggage comp 150 / 2100 g strut axle with double elastic bearing disc brakes disc brakes amic Traction Control), CBC Control), Dry Braking function, / 118d xDrive: linked to xDrive sis Management (ICM) side airbags for driver and front int inertia-reel seatbelts on all e limiter at the front, Indicator (EPS),
at Electrical System Battery/installation Alternator Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems Safety equipment Steering	rpm Ah/- AW (C Fi	90 / luggage comp. 150 / 2100 Aluminium double-joint sprin. Five-link axle in lightweight steel construction Single-piston floating-calliper Single-piston floating-calliper Standard: DSC incl. ABS, ASC and DTC (Dyna- fornering Brake Control), DBC (Dynamic Brake ading Compensation, Start-Off Assistant; BMW all-wheel-drive system in Integrated Chase andard: airbags for driver and front passenger, seassenger, head airbags front and rear, three-po seats with belt tensioner and belt force crash sensors, Tyre Defect Electric Power Steering optional: Servotronic function, varial	90 / luggage comp 150 / 2100 g strut axle with double elastic bearing disc brakes disc brakes amic Traction Control), CBC Control), Dry Braking function, / 118d xDrive: linked to xDrive sis Management (ICM) side airbags for driver and front int inertia-reel seatbelts on all e limiter at the front, Indicator (EPS), ole sport steering
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	rpm Ah/- A/W (C Fe	90 / luggage comp. 150 / 2100 Aluminium double-joint sprin. Five-link axle in lightweight steel construction Single-piston floating-calliper Single-piston floating-calliper Standard: DSC incl. ABS, ASC and DTC (Dyna fornering Brake Control), DBC (Dynamic Brake ading Compensation, Start-Off Assistant; BMW all-wheel-drive system in Integrated Chas andard: airbags for driver and front passenger, s assenger, head airbags front and rear, three-po seats with belt tensioner and belt force crash sensors, Tyre Defect Electric Power Steering optional: Servotronic function, variat	90 / luggage comp. 150 / 2100 g strut axle with double elastic bearing disc brakes disc brakes amic Traction Control), CBC Control), Dry Braking function, / 118d xDrive: linked to xDrive sis Management (ICM) side airbags for driver and front int inertia-reel seatbelts on all e limiter at the front, Indicator (EPS), ble sport steering
at Electrical System Battery/installation Alternator Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems Safety equipment Steering	rpm Ah/- AW (C Fi	90 / luggage comp. 150 / 2100 Aluminium double-joint sprin. Five-link axle in lightweight steel construction Single-piston floating-calliper Single-piston floating-calliper Standard: DSC incl. ABS, ASC and DTC (Dyna- fornering Brake Control), DBC (Dynamic Brake ading Compensation, Start-Off Assistant; BMW all-wheel-drive system in Integrated Chase andard: airbags for driver and front passenger, seassenger, head airbags front and rear, three-po seats with belt tensioner and belt force crash sensors, Tyre Defect Electric Power Steering optional: Servotronic function, varial	90 / luggage comp. 90 / luggage comp. 150 / 2100 g strut axle with double elastic bearing disc brakes disc brakes amic Traction Control), CBC Control), Dry Braking function, / 118d xDrive: linked to xDrive sis Management (ICM) side airbags for driver and front int inertia-reel seatbelts on all b limiter at the front, Indicator (EPS),

Media Information

5/2017 Page 36

Valid from 7/2017

			BMW 118d 5-door	BMW 118d xDrive 5-door
Transmission				
Type of transmission			6-speed manual (optional: 8-speed	6-speed manual
,			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-weigh	nt ratio (DIN)	kg/kW	12.3 (12.5)	13.0
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 Efficient	tDynamics			
BMW EfficientDynamics			Brake Energy Regeneration with	h recuperation display,
standard features			Electric Power Steering (EPS), Auto Start S	Stop function, Optimum Gearshift
			Indicator, ECO PRO mode with coasting	
			lightweight construction, optimised aerod	,
			operation of ancillary units, map-contro	
		(optimised warm-up behaviour, efficiency- a	
			(BMW 118d xDrive), tyres with re	duced rolling resistance
Fuel Consum	otion EU 3)			
With standard ty	yres			
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 ₂		g/km	109 (99)	113

i aci conoampaon			
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 ₂	g/km	109 (99)	113
With rims 7J x 16 and	tyres 205/55 R16 (BMW 118d), with	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 R1	7 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 ₂	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 ₂	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

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

5/2017 Page 37

Valid from 7/2017

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 blivico	kg	1375 / 1450 (1390 / 1465)	14557 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	9/5/1090
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 _d x A	0.30 x 2.14	0.31 x 2.14
	Og XXX	0.00 X E.T.	0.0 1 % 2.1 1
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		4000	4000
Max torque	rpm Nm	400	4000
at		1750 – 2500	1750 – 2500
<u>at</u>	rpm	1730 - 2300	1730 - 2300
Electrical System			
Battery/installation	Ah/-	90 / luggage comp.	90 / luggage comp.
Alternator	A/W	150 / 2100	150 / 2100
Driving Dynamics and Safety	<u>'</u>		
Suspension, front		Aluminium double-joint sp	
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), C		
	•	ering Brake Control), DBC (Dynamic Bra	
	Fadir	ng Compensation, Start-Off Assistant; B	
Out of the second	01	all-wheel-drive system in Integrated C	<u> </u>
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 limited at the front,		
Character at		crash sensors, Tyre Def	
		Electric Power Steer	ing (LFO),
Steering		antional Conjetrania function	ariable coart eteoring
	,1	optional: Servotronic function, va	
Steering ratio, overall	:1	15.0	15.1
	:1		

BMW

Media Information

5/2017 Page 38

Valid from 7/2017

			BMW 120d 5-door	BMW 120d xDrive 5-doo		
Transmission						
Type of transmis	ssion		6-speed manual (optional: 8-speed	8-speed Steptronic transmission		
			Steptronic transmission)			
Gear ratios	[: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)	1.72		
	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)	3.450		
Final drive		:1	3.077 (2.647)	2.64		
Performance						
Power-to-weigh	t ratio (DIN)	kg/kW	9.8 (9.9)	10.4		
Output per litre		kW/ltr	70.2	70.:		
Acceleration			7.1 (7.0)	6.		
in 5th gear	80-120 km/h	S	7.2 (–)			
Top speed		km/h	228 (228)	222		
BMW Efficient	Dvnamics					
BMW EfficientD			Brake Energy Regeneration v	ith recuperation display.		
standard features		1	Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift			
		Indicator, ECO PRO mode with coasting function (automatic), intelligent				
			lightweight construction, optimised ae	rodynamic attributes, on-demand		
		Op	peration of ancillary units, map-controlled	d oil pump, differential with optimised		
			warm-up behaviour, efficiency- and wei	ght-optimised transfer case (BMW		
			120d xDrive), tyres with reduced rolling resistance			
Fuel Consump	ation EII 3)					
With standard ty						

Fuel Consumption	1 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 ₂	g/km	108 (103)	113
With rims 7J x 17 an	d tyres 205/50 R17, with rims 7.5J	x 17 and tyres 225/45 R 17 as well as winter tyre	es,
with rims 7.5J x 17 f	ront, 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 ₂	g/km	114 (109)	119
With rims 7.5J x 18 f	front, 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 ₂	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)

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

5/2017 Page 39

Valid from 7/2017

The BMW 1 Series 5-door. 125d.

		BMW 125d 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	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	1430 / 1505		
Max. load to DIN	kg	565		
Max. permissible weight	kg	1995		
Max. axle load, front/rear	kg	940 / 1115		
Max. trailer load (12%)	Kg			
braked/unbraked		1500 / 710		
Max. roof load/max towbar download	kg	75 / 75		
Luggage comp. capacity	ltr	360 – 1200		
Air resistance	C _d x A	0.31 x 2.14		
Power Unit				
		in the LATA		
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				
Battery/installation	Ah/-	90 / luggage comp.		
Alternator	AW	150 / 2100		
7 HESTITUTES	~~~	1307 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		
		(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),		
Cooning		optional: Servotronic function, variable sport steering		
Steering ratio, overall	:1	optional. Servotronic function, variable sport steering		
Tyres, front/rear	.1	205/50 R17 89W		
Rims, front/rear		7J x 17 light-alloy		
LAILIDE HOUR COL		/ U.A. I./ IIIQI IL-dIIUY		

BMW

Media Information

5/2017 Page 40

Valid from 7/2017

			BMW 125d 5-door
Transmission			
Type of transmissi	on		8-speed Steptronic transmission
Gear ratios		: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 ra	atio (DIN)	kg/kW	8.7
Output per litre		kW/ltr	82.7
Acceleration C	100 km/h	S	6.3
in 5th gear 8	0-120 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 ³⁾		
With standard tyres			
Urban	ltr/100 km	5.1	
Extra-urban	ltr/100 km	3.9	
Combined	ltr/100 km	4.3	
CO ₂	g/km	114	
With rims 7.5J x 17 an	d tyres 225/45 R 17 as well as winter t	yres,	
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 ₂	g/km	121	
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 $\rm CO_2$ emission figures depend on the selected tyre format

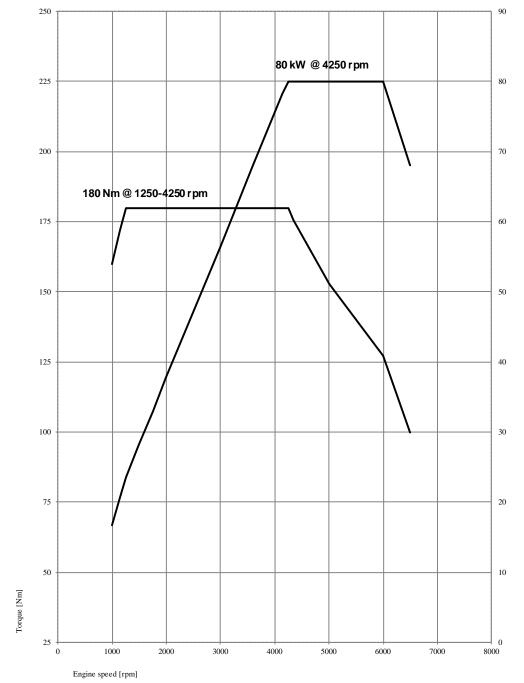
5/2017 Page 41

Valid from 7/2017

Output and torque diagrams. The BMW 1 Series.

116i.

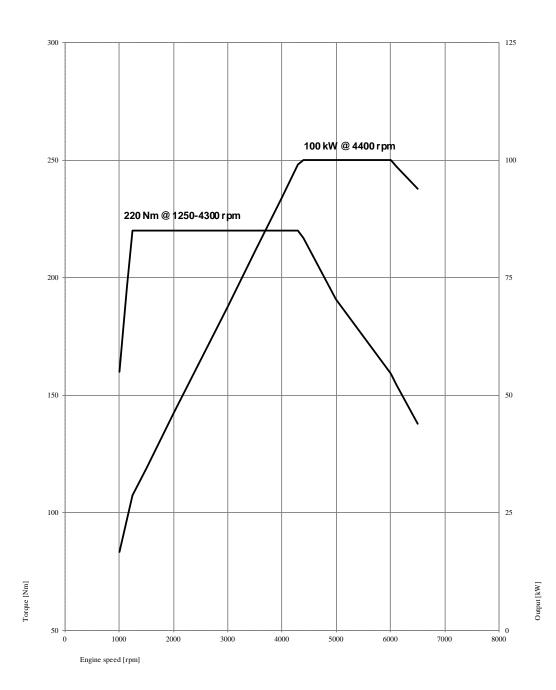




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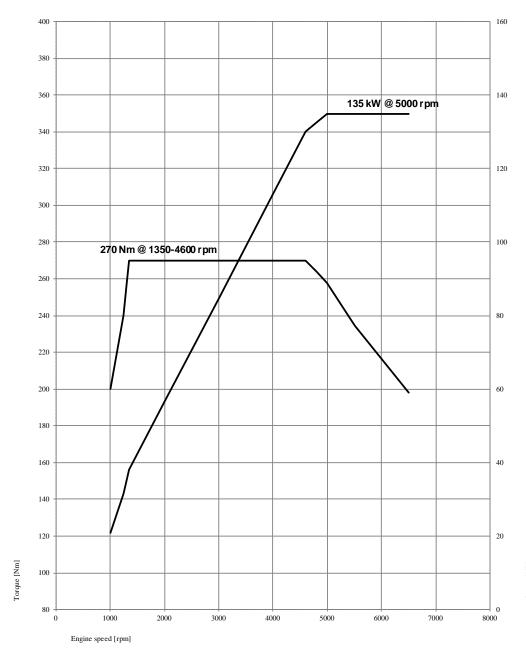
The BMW 1 Series. 118i.

5/2017 Page 42



The BMW 1 Series. 120i.

5/2017 Page 43

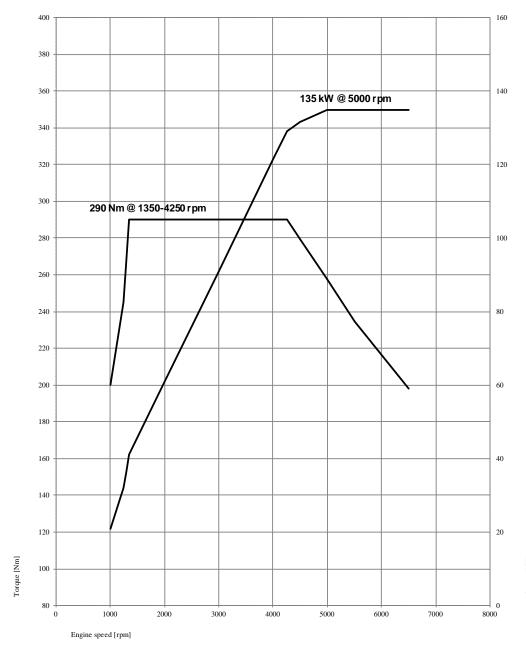


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5/2017 Page 44

Valid from 7/2017

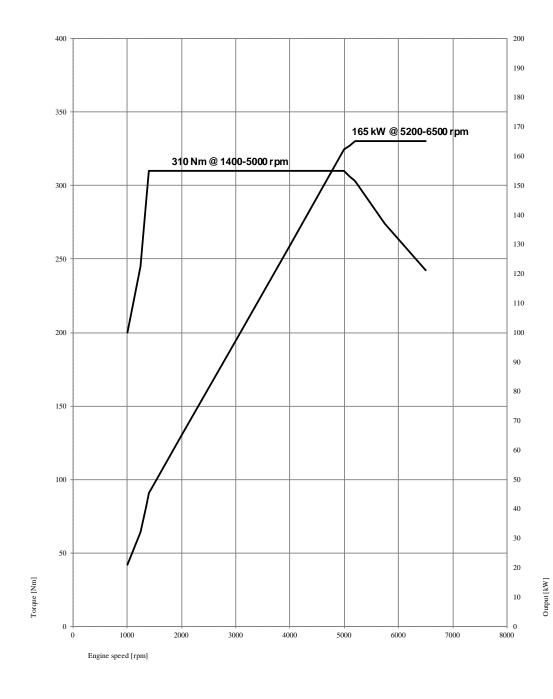
The BMW 1 Series. 120i manual.



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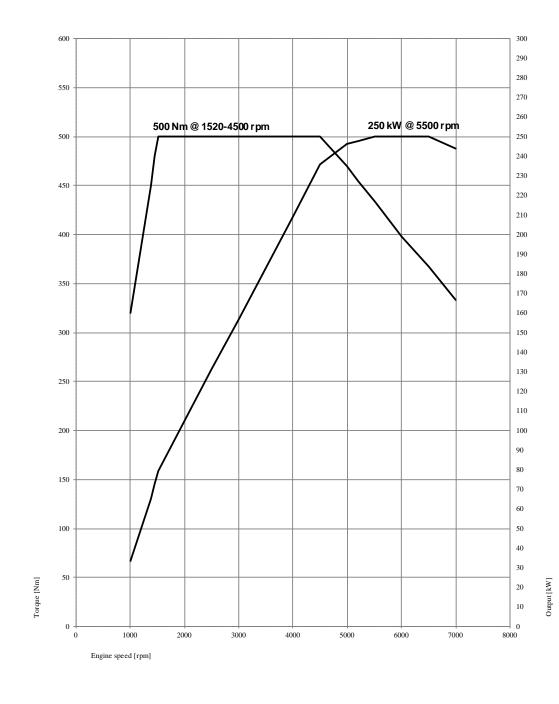
The BMW 1 Series. 125i.

5/2017 Page 45



The BMW 1 Series. M140i, M140i xDrive.

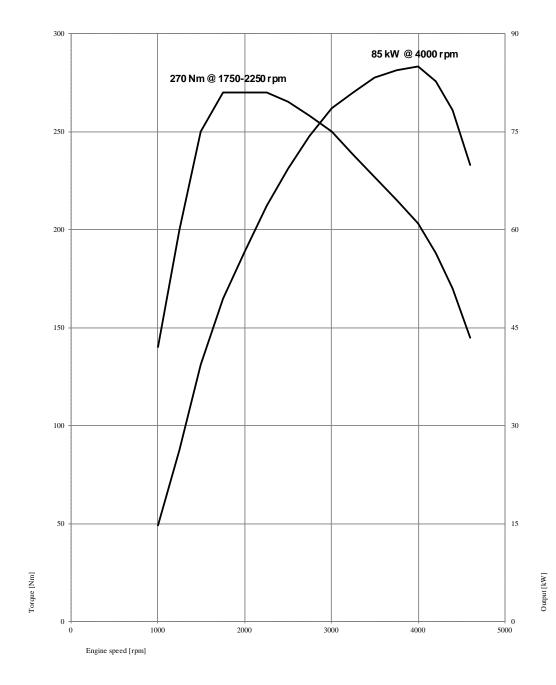
5/2017 Page 46



5/2017 Page 47

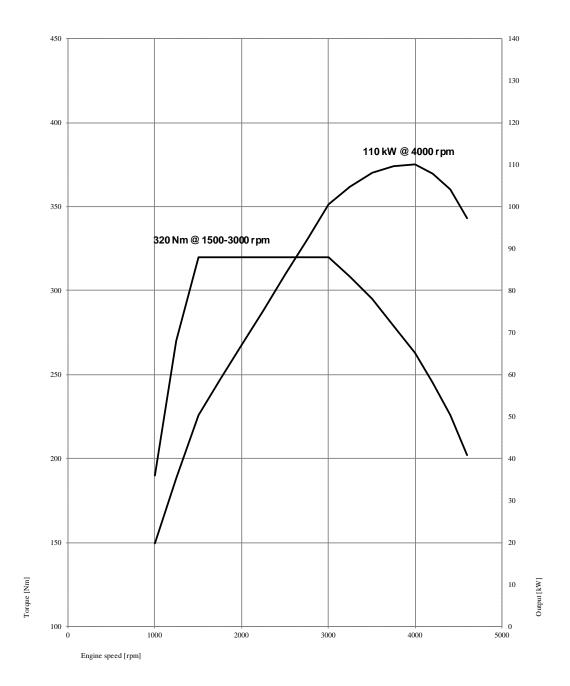
Valid from 7/2017

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



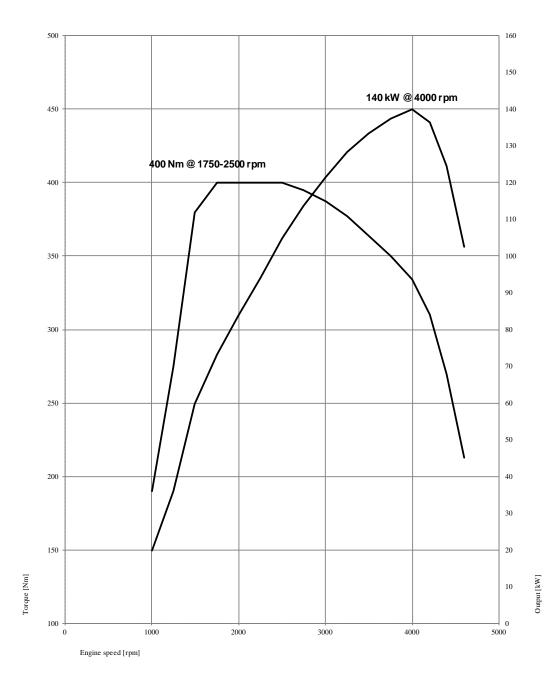
The BMW 1 Series. 118d, 118d xDrive.

5/2017 Page 48



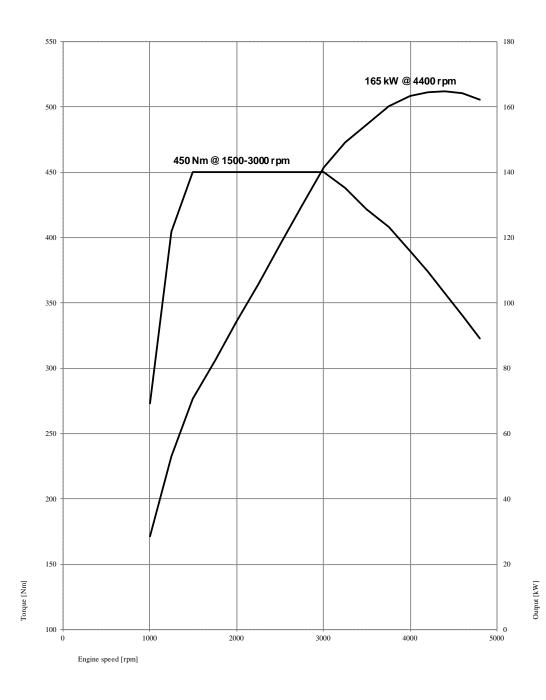
The BMW 1 Series. 120d, 120d xDrive.

5/2017 Page 49



The BMW 1 Series. 125d.

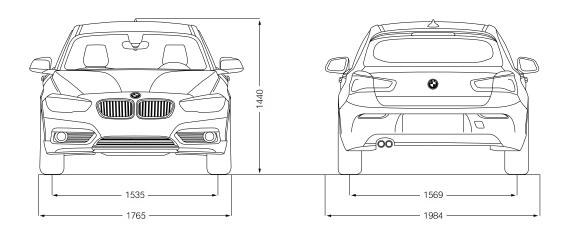
5/2017 Page 50

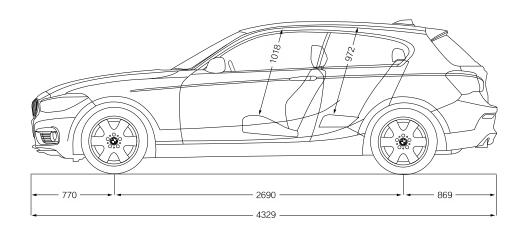


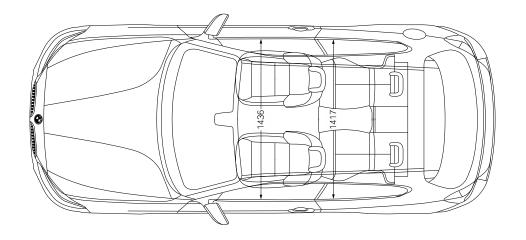
Exterior and interior dimensions. The BMW 1 Series 3-door.



5/2017 Page 51







The BMW 1 Series 5-door.

5/2017 Page 52

