Media Information

5/2017 Page 1

Valid from 7/2017





		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%)		8307 1030
braked/unbraked	kg	1200 / 650
Max. roof load/max towbar download	kg	75/75
Luggage comp. capacity	ltr	360 - 1200
Air resistance		
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
Engine contrology		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		
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 isint apring strut ave
Suspension, rear		Aluminium double-joint spring strut axle
Brakes, front		Five-link axle in lightweight steel construction with double elastic bearing
,		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		

Media Information

5/2017 Page 2

Valid from

7/2017

			BMW 116i 3-door
Transmissio	<u>ו</u>		
Type of transm	nission		6-speed manual
Gear ratios	I	:1	4.552
		:1	2.548
		: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-weig	ht ratio (DIN)	kg/kW	16.3
Output per litre	9	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 Efficier	ntDynamics		
BMW Efficient			Brake Energy Regeneration with recuperation display,

standard features

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

Fuel Consumption E	EU ³⁾		
With standard tyres, rir	ms 7J x 16 and tyres 205/55 R16 as we	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 a	and tyres 225/45 R 17,	
with rims 7.5J x 17 fro	nt, 8J x 17 rear and tyres 225/45 R17 f	ront, 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	ont, 8J x 18 rear and tyres 225/40 R18 f	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 CO₂ emissions depend on the selected tyre format

Information

5/2017 Page 3

Valid from 7/2017

		BMW 118i 3-door
Body		
No. of doors/seats		3 / 4 (5)
Length/width/height ¹⁾ (unlade	n) mm	4329 / 1765 / 1421
Wheelbase	mm	2690
Front/rear track	mm	1535/1569
Ground clearance	mm	140
Turning circle		10.9
Fuel capacity	approx I	52
Engine oil capacity ²⁾	approx. I	4.25
Weight, unladen (DIN/EU)	1	-
weight, unladen (DIN/EO)	kg	1300 / 1375
Payload (DIN)	ka	(1315 / 1390) 565
Max. permissible weight	kg	
	kg	1865 (1880)
Max. axle load, front/rear	kg	865 / 1090
Vlax. trailer load (12%) praked/unbraked	kg	1300 / 650
Max. roof load/max towbar do	wnload kg	75/75
Luggage comp. capacity		360 – 1200
Air resistance	Cd x A	0.31 x 2.14
Engine		
Type/no. of cylinders/valves		in-line / 3 / 4
Engine technology	E	BMW TwinPower Turbo technology: turbocharger, direct injection system Hig Precision Injection, fully variable valve control (VALVETRONIC) and double VANOS variable camshaft timing
Effective capacity	CC	1499
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel type		min. RON 91
Output	kW/hp	100 / 136
at rpm		4400
Torque	Nm	220
at rpm		1250 - 4300
		1200 1000
Electrical		
Battery charge/location	Ah/-	90 / luggage compartment
Alternator current/output	AW	180 / 2520
Driving Dynamics and Saf	ety	
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
Transmissio	<u>n</u>		
Type of gearb			6-speed manual (optional: 8-speed Steptronic)
Gear ratios		:1	4.552 (4.714)
		:1	2.548 (3.143)
		: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)
Performanc	e		
Weight-to-po			
(DIN unladen)		kg/kW	13.0 (13.2)
Specific powe	er output	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 Efficie	entDynamics		
	tDynamics Feature	es	Brake Energy Regeneration with recuperation display, electric power steerin (EPS), Auto Start Stop function, gear shift indicator, ECO PRO mode with

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

Fuel consumption (E	U) ³⁾		
with standard wheels ar	nd tyres, with 7J x 16" rims and 20	05/55 R16 tyres and with winter tyres	
Urban	l/100 km	6.2 (5.9)	
Extra-urban	l/100 km	4.3 (4.2)	
Fotal	l/100 km	5.0 (4.8)	
CO ₂ emissions	g/km	116 (112)	
	205/50 R17 tyres, with 7.5J x 17'' ns, 8J x 17'' rear rims, 225/45 R17	rims and 225/45 R17 tyres, front tyres and 245/40 R17 rear tyres	
Jrban	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 rim	ns, 8J x 18" rear rims, 225/40 R18	front tyres and 245/35 R18 rear tyres	
Urban	l/100 km	6.7 (6.4)	
Extra-urban	l/100 km	4.7 (4.6)	
Total	l/100 km	5.4 (5.2)	
Total CO2 emissions	l/100 km g/km	<u>5.4 (5.2)</u> 126 (122)	

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 CO₂ emissions depend on the selected tyre format

BMW Media

Information

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	mm	2690	2690
Front/rear track	mm	1535 / 1569	1521 / 1556
Ground clearance	mm	140	140
Turning circle	m	10.9	10.9
Fuel capacity	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	kg	910 / 1090	920 / 1100
Max. trailer load (12%) braked/unbraked	kg	1500 / 680	1500 / 680
Max. roof load/max towbar down		75/75	75 / 75
Luggage comp. capacity	liudu ky	360 – 1200	360 – 1200
Air resistance	Cd x A	0.31 x 2.14	0.32 x 2.14
	ULA	0.51 % 2.14	0.52 X 2.14
Engine			
Type/no. of cylinders/valves		in-line / 4 / 4	in-line / 4 / 4
Engine technology		VW TwinPower Turbo technology: twin-scr tem High Precision Injection, fully variable va double VANOS variable car	alve control (VALVETRONIC) and nshaft timing
Effective capacity	CC	1998	1998
Stroke/bore	mm	94.6 / 82.0	94.6 / 82.0
Compression ratio	:1	11.0	10.2
Fuel type		min RON 91	min RON 91
Output	kW/hp	135 / 184	165 / 224
at rpm		5000	5200-6500
Torque	Nm	290 (270)	310
at rpm		1350 – 4250 (1350–4600)	1400 – 5000
Electrical			
Battery charge/location	Ah/–	80 / luggage compartment	80 / luggage compartment
Driving Dynamics and Cafat			
Driving Dynamics and Safety Front suspension	/	Aluminium dauble isistess	ing strut avlo
Rear suspension		Aluminium double-joint spr	
		Five-link axle in lightweight steel construction	
Front brakes		Single-piston floating-callipe	
Rear brakes		Single-piston floating-callipe	
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (
		CBC Cornering Brake Control, DBC Dynam	
Cofet - en inserent	Cha	function, Fading Compensation,	
Safety equipment		ndard: airbags for driver and front passenger ssenger, head airbags front and rear, three- seats with belt tensioner and belt for	point inertia-reel seatbelts on all
		crash sensors, Tyre Defe	-
Steering		Electromechanical rack-and-pinion	oower steering (EPS);
		optional: Servotronic function, var	·
Overall steering ratio	:1	15.0	15.0
Eropt/roor turoo		195/55 R16 87W	205/50 R17 91W
Front/rear tyres Front/rear wheels		6.5J x 16 steel	7J x 17 light-alloy

Media Information

5/2017 Page 6

Valid from 7/2017

			BMW 120i 3-door	BMW 125i 3-doo
Transmissior	1			
Type of gearbo			6-speed manual	8-speed Steptroni
<i>y</i> , 0			(optional: 8-speed Steptronic)	
Gear ratios		:1	4.002 (5.000)	5.00
		:1	2.130 (3.200)	3.20
	Ш	:1	1.396 (2.143)	2.14
	IV	:1	1.000 (1.720)	1.72
	V	:1	0.781 (1.314)	1.31
	VI	:1	0.668 (1.000)	1.00
	VII	:1	- (0.822)	0.82
	VIII	:1	- (0.640)	0.64
	R	:1	3.647 (3.456)	3.45
Final drive		:1	3.385 (2.813)	2.81
Performance				
Weight-to-pow	ver ratio			
(DIN unladen)		kg/kW	10.1 (10.2)	8.5
Specific power		kW/I	67.6	82.6
Acceleration	0–100 km/h	sec	7.1 (7.1)	6.
n 5th gear	80–120 km/h	sec	8.5 (–)	
Max. speed		km/h	230 (225)	243
BMW Efficier BMW Efficient		(EPS) c optim	Energy Regeneration with recuperation dis), Auto Start Stop function, gear shift indica oasting function (automatic), intelligent ligh nised aerodynamic attributes, on-demand of	ator, ECO PRO mode with htweight construction, operation of ancillary units,
BMW Efficier BMW Efficient	Dynamics	(EPS) c optim), Auto Start Stop function, gear shift indica oasting function (automatic), intelligent ligh	ator, ECO PRO mode with htweight construction, operation of ancillary units, ed warm-up behaviour, tyres
BMW Efficient BMW Efficient Features includ	Dynamics ded as standard ption (EU) ³⁾	(EPS) c optim map-cc), Auto Start Stop function, gear shift indica oasting function (automatic), intelligent ligh nised aerodynamic attributes, on-demand of ontrolled oil pump, differential with optimise with reduced rolling resist	ator, ECO PRO mode with htweight construction, operation of ancillary units, ed warm-up behaviour, tyres
BMW Efficient BMW Efficient Features incluc Features incluc Fuel consum with standard v	Dynamics ded as standard ption (EU) ³⁾	(EPS) c optim map-cc .5J x 16" rims an), Auto Start Stop function, gear shift indica oasting function (automatic), intelligent ligh nised aerodynamic attributes, on-demand of ontrolled oil pump, differential with optimise	ator, ECO PRO mode with htweight construction, operation of ancillary units, ed warm-up behaviour, tyres
BMW Efficient BMW Efficient Features incluc Features incluc Fuel consum with standard v	Dynamics ded as standard ption (EU) ^{a)} wheels and tyres: 6 ind 205/50 R17 tyr	(EPS) c optim map-cc .5J x 16" rims an), Auto Start Stop function, gear shift indica oasting function (automatic), intelligent ligh nised aerodynamic attributes, on-demand of ontrolled oil pump, differential with optimise with reduced rolling resist	ator, ECO PRO mode with htweight construction, operation of ancillary units, ed warm-up behaviour, tyres ance
BMW Efficient BMW Efficient Features incluc Features incluc Fuel consum with standard v 7J x 17" rims a	Dynamics ded as standard ption (EU) ³⁾ wheels and tyres: 6 and 205/50 R17 tyr	(EPS) c optim map-cc .5J x 16" rims an es (BMW 125i)), Auto Start Stop function, gear shift indica oasting function (automatic), intelligent ligh nised aerodynamic attributes, on-demand of portrolled oil pump, differential with optimise with reduced rolling resist id 195/55 R16 tyres (BMW 120i),	ator, ECO PRO mode with htweight construction, operation of ancillary units, ed warm-up behaviour, tyres ance
BMW Efficier BMW Efficient Features incluc Fuel consum, with standard v 7J x 17" rims a Urban	Dynamics ded as standard ption (EU) ³⁾ vheels and tyres: 6 ind 205/50 R17 tyr li	(EPS) c optim map-cc .5J x 16" rims an es (BMW 125i) /100 km), Auto Start Stop function, gear shift indica oasting function (automatic), intelligent ligh ised aerodynamic attributes, on-demand of ontrolled oil pump, differential with optimise with reduced rolling resist id 195/55 R16 tyres (BMW 120i), 7.6 (7.0)	ator, ECO PRO mode with htweight construction, operation of ancillary units, ed warm-up behaviour, tyres ance 7.: 4.
BMW Efficier BMW Efficient Features incluc Fuel consum with standard v 7J x 17" rims a Urban Extra-urban	Dynamics ded as standard ption (EU) ³⁾ vheels and tyres: 6 ind 205/50 R17 tyr li li li	(EPS) c optim map-cc .5J x 16" rims an es (BMW 125i) /100 km /100 km), Auto Start Stop function, gear shift indica oasting function (automatic), intelligent ligh ised aerodynamic attributes, on-demand of ontrolled oil pump, differential with optimise with reduced rolling resist id 195/55 R16 tyres (BMW 120i), 7.6 (7.0) 4.7 (4.7)	ator, ECO PRO mode with htweight construction, operation of ancillary units, ed warm-up behaviour, tyres ance 7 4. 5.
BMW Efficient BMW Efficient Features incluc Fuel consum with standard v 7J x 17" rims a Jrban Extra-urban Total CO ₂ emissions with 7J x 17" ri	Dynamics ded as standard ption (EU) ^{a)} vheels and tyres: 6 ind 205/50 R17 tyr i i i i i i i i i i i i i i i i i i i	(EPS) c optim map-cc .5J x 16" rims an es (BMW 125i) /100 km /100 km /100 km /100 km /100 km /100 km /100 km /100 km), Auto Start Stop function, gear shift indica oasting function (automatic), intelligent ligh ised aerodynamic attributes, on-demand of introlled oil pump, differential with optimise with reduced rolling resist id 195/55 R16 tyres (BMW 120i), 7.6 (7.0) 4.7 (4.7) 5.7 (5.5) 131 (126) 20i), with 7.5J x 17 rims and 225/45 R 17 t	ator, ECO PRO mode with htweight construction, operation of ancillary units, ed warm-up behaviour, tyres ance 7 4 5 13 yres,
BMW Efficient BMW Efficient Features incluc Fuel consum with standard v 7J x 17" rims a Urban Extra-urban Total CO ₂ emissions with 7J x 17" ri with 7.5J x 17"	Dynamics ded as standard ption (EU) ^{a)} vheels and tyres: 6 ind 205/50 R17 tyr i i i i i ms and 205/50 R1 i front rims, 8J x 17	(EPS) c optim map-cc .5J x 16" rims an es (BMW 125i) /100 km /100 km /), Auto Start Stop function, gear shift indica oasting function (automatic), intelligent ligh ised aerodynamic attributes, on-demand of introlled oil pump, differential with optimise with reduced rolling resist id 195/55 R16 tyres (BMW 120i), 7.6 (7.0) 4.7 (4.7) 5.7 (5.5) 131 (126) 20i), with 7.5J x 17 rims and 225/45 R 17 to 225/45 R17 front tyres, 245/40 R17 rear ty	ator, ECO PRO mode with htweight construction, operation of ancillary units, ed warm-up behaviour, tyres ance 7: 4. 5: 13 yres, res
BMW Efficier BMW Efficient Features incluc Features incluc Fuel consum with standard v 7J x 17" rims a Jrban Extra-urban Total CO₂ emissions with 7J x 17" ri with 7.5J x 17" Jrban	Dynamics ded as standard ption (EU) ³⁾ vheels and tyres: 6 ind 205/50 R17 tyr l i i i i ms and 205/50 R1 front rims, 8J x 17	(EPS) c optim map-cc .5J x 16" rims an es (BMW 125i) /100 km /100 km /100 km g/km 7 tyres (BMW 12 "" rear rims and 2 /100 km), Auto Start Stop function, gear shift indica oasting function (automatic), intelligent ligh ised aerodynamic attributes, on-demand of introlled oil pump, differential with optimise with reduced rolling resist id 195/55 R16 tyres (BMW 120i), 7.6 (7.0) 4.7 (4.7) 5.7 (5.5) 131 (126) 20i), with 7.5J x 17 rims and 225/45 R 17 to 225/45 R17 front tyres, 245/40 R17 rear ty 8.0 (7.4)	ator, ECO PRO mode with htweight construction, operation of ancillary units, ed warm-up behaviour, tyres ance 7: 4. 5: 13: yres, res 7.
BMW Efficient BMW Efficient Features incluc Fuel consum with standard v 7J x 17" rims a Urban Extra-urban Total CO ₂ emissions with 7J x 17" ri with 7.5J x 17"	Dynamics ded as standard ption (EU) ³⁾ vheels and tyres: 6 ind 205/50 R17 tyr l i i i ms and 205/50 R1 front rims, 8J x 17 l i i i i i i i i i i i i i i i i i i	(EPS) c optim map-cc .5J x 16" rims an es (BMW 125i) /100 km /100 km 7 tyres (BMW 12 "" rear rims and 2 /100 km /100 km), Auto Start Stop function, gear shift indica oasting function (automatic), intelligent ligh ised aerodynamic attributes, on-demand of introlled oil pump, differential with optimise with reduced rolling resist ind 195/55 R16 tyres (BMW 120i), 7.6 (7.0) 4.7 (4.7) 5.7 (5.5) 131 (126) 20i), with 7.5J x 17 rims and 225/45 R 17 to 22/45 R17 front tyres, 245/40 R17 rear ty 8.0 (7.4) 4.9 (4.9)	ator, ECO PRO mode with htweight construction, operation of ancillary units, ed warm-up behaviour, tyres ance 7 4 5 13 yres, res 7 5 7 5 13 yres, res 7 5 7 5 5 7 5 5 5 5 7 5
BMW Efficient BMW Efficient Features includ Features includ Fuel consum with standard v 7J x 17" rims a Urban Extra-urban Total CO ₂ emissions with 7J x 17" Urban Extra-urban Total	Dynamics ded as standard ption (EU) ³⁾ vheels and tyres: 6 ind 205/50 R17 tyr l i ms and 205/50 R1 front rims, 8J x 17 l i i i i i i i i i i i i i i i i i i	(EPS) c optim map-cc .5J x 16" rims an es (BMW 125i) /100 km /100 km 7 tyres (BMW 12 /100 km 7 tyres (BMW 12 /" rear rims and 2 /100 km /100 km), Auto Start Stop function, gear shift indica oasting function (automatic), intelligent ligh ised aerodynamic attributes, on-demand of ontrolled oil pump, differential with optimise with reduced rolling resist ind 195/55 R16 tyres (BMW 120i), 7.6 (7.0) 4.7 (4.7) 5.7 (5.5) 131 (126) 20i), with 7.5J x 17 rims and 225/45 R 17 to 22/45 R17 front tyres, 245/40 R17 rear ty 8.0 (7.4) 4.9 (4.9) 6.0 (5.8)	ator, ECO PRO mode with htweight construction, operation of ancillary units, ed warm-up behaviour, tyres ance 7 4.: 5 130 yres, res 7 5 5 130 yres, res 7 5
BMW Efficient BMW Efficient Features incluc Features incluc Fuel consum with standard v 7J x 17" rims a Urban Extra-urban Total CO ₂ emissions With 7.5J x 17" Urban Extra-urban Total CO ₂ emissions	Dynamics ded as standard ption (EU) ^a) wheels and tyres: 6 ind 205/50 R17 tyr i i i i i i i i i i i i i i i i i i i	(EPS) c optim map-cc .5J x 16" rims an es (BMW 125i) /100 km /100 km 7 tyres (BMW 12 /100 km 7 tyres (BMW 12 /100 km /100 km /100 km), Auto Start Stop function, gear shift indica oasting function (automatic), intelligent ligh ised aerodynamic attributes, on-demand of ontrolled oil pump, differential with optimise with reduced rolling resist ad 195/55 R16 tyres (BMW 120i), 7.6 (7.0) 4.7 (4.7) 5.7 (5.5) 131 (126) 20i), with 7.5J x 17 rims and 225/45 R 17 t 22/45 R17 front tyres, 245/40 R17 rear ty 8.0 (7.4) 4.9 (4.9) 6.0 (5.8) 138 (133)	ator, ECO PRO mode with htweight construction, operation of ancillary units, ed warm-up behaviour, tyres ance 7 4 5 13 yres, res 7 5 13
BMW Efficient BMW Efficient Features incluc Features incluc Fuel consum with standard v 7J x 17" rims a Urban Extra-urban Total CO ₂ emissions with 7.5J x 17" Urban Extra-urban Total CO ₂ emissions with 7.5J x 18"	Dynamics ded as standard ption (EU) ³⁾ wheels and tyres: 6 and 205/50 R17 tyr i i ms and 205/50 R1 i front rims, 8J x 17 i front rims, 8J x 18	(EPS) c optim map-cc .5J x 16" rims an es (BMW 125i) /100 km /100 km /100 km /100 km /100 km /100 km /100 km /100 km), Auto Start Stop function, gear shift indica oasting function (automatic), intelligent ligh ised aerodynamic attributes, on-demand of ontrolled oil pump, differential with optimise with reduced rolling resist ad 195/55 R16 tyres (BMW 120i), 7.6 (7.0) 4.7 (4.7) 5.7 (5.5) 131 (126) 20i), with 7.5J x 17 rims and 225/45 R 17 t 22/45 R17 front tyres, 245/40 R17 rear ty 8.0 (7.4) 4.9 (4.9) 6.0 (5.8) 138 (133) 225/40 R18 front tyres, 245/35 R18 rear ty	ator, ECO PRO mode with htweight construction, operation of ancillary units, ed warm-up behaviour, tyres ance 7 4 5 13 yres, res 7 5 13 tres and with winter tyres
BMW Efficier BMW Efficient Features incluc Features incluc Fuel consum with standard v 7J x 17" rims a Urban Extra-urban Total CO2 emissions with 7J x 17" ri with 7.5J x 17" Urban Total CO2 emissions with 7.5J x 18" Urban	Dynamics ded as standard ption (EU) ³⁾ wheels and tyres: 6 and 205/50 R17 tyr i i ims and 205/50 R1 i front rims, 8J x 17 i front rims, 8J x 18 i front rims, 8J x 18 i	(EPS) c optim map-cc .5J x 16" rims an es (BMW 125i) (100 km (100 km 7 tyres (BMW 12 "" rear rims and 2 (100 km (100 km g/km g/km g/km 2 (100 km (100 km (100 km) (100 km), Auto Start Stop function, gear shift indica oasting function (automatic), intelligent ligh ised aerodynamic attributes, on-demand of ontrolled oil pump, differential with optimise with reduced rolling resist ad 195/55 R16 tyres (BMW 120i), 7.6 (7.0) 7.6 (7.0) 7.6 (7.0) 7.7 (5.5) 131 (126) 20i), with 7.5J x 17 rims and 225/45 R 17 t 225/45 R17 front tyres, 245/40 R17 rear ty 8.0 (7.4) 4.9 (4.9) 6.0 (5.8) 138 (133) 225/40 R18 front tyres, 245/35 R18 rear ty 8.1 (7.4)	ator, ECO PRO mode with htweight construction, operation of ancillary units, ed warm-up behaviour, tyres ance 7 4 5 13. yres, res 7 5 13. yres, res 7 5 13. yres, res 7 5 13. yres, 7 5 7 5 7 7 7 7
BMW Efficier BMW Efficient Features incluc Features incluc Features incluc Fuel consum with standard v 7J x 17" rims a Urban Extra-urban Total CO2 emissions with 7J x 17" ri With 7J x 17" ri With 7J x 17" ri With 7J x 17" ri With 7J x 17" ri Mith 7J x 17" ri Total CO2 emissions with 7.5J x 18" Urban Extra-urban	Dynamics ded as standard ption (EU) ³⁾ wheels and tyres: 6 ind 205/50 R17 tyr l ms and 205/50 R1 i front rims, 8J x 17 i front rims, 8J x 18 i front rims, 8J x 18 i i	(EPS) c optim map-cc .5J x 16" rims an es (BMW 125i) (100 km (100 km g/km 7 tyres (BMW 12 (100 km (100 km (100 km g/km g/km g/km g/km (100 km (100 km (100 km), Auto Start Stop function, gear shift indica oasting function (automatic), intelligent ligh ised aerodynamic attributes, on-demand of ontrolled oil pump, differential with optimise with reduced rolling resist id 195/55 R16 tyres (BMW 120i), 7.6 (7.0) 4.7 (4.7) 5.7 (5.5) 131 (126) 20i), with 7.5J x 17 rims and 225/45 R 17 t 225/45 R17 front tyres, 245/40 R17 rear ty 8.0 (7.4) 4.9 (4.9) 6.0 (5.8) 138 (133) 225/40 R18 front tyres, 245/35 R18 rear ty 8.1 (7.4) 5.0 (5.0)	ator, ECO PRO mode with htweight construction, operation of ancillary units, ed warm-up behaviour, tyres ance 7 4 5 130 yres, res 7 5 13 res and with winter tyres 7 5 13 7 5 5 13 7 5 5 5 5 5 5 5
BMW Efficient BMW Efficient Features incluc Features incluc Features incluc Fuel consum, with standard v 7J x 17" rims a Urban Extra-urban Total CO ₂ emissions with 7.5J x 17" Urban Extra-urban Total CO ₂ emissions with 7.5J x 18" Urban Extra-urban Total	Dynamics ded as standard ption (EU) ³⁾ wheels and tyres: 6 ind 205/50 R17 tyr li ms and 205/50 R1 i front rims, 8J x 17 li front rims, 8J x 18 li li li front rims, 8J x 18 li li li li li li li li li li li li li	(EPS) c optim map-cc .5J x 16" rims an es (BMW 125i) (100 km (100 km 7 tyres (BMW 12 "" rear rims and 2 (100 km (100 km g/km g/km g/km 3" rear rims and 2 (100 km (100 km), Auto Start Stop function, gear shift indica oasting function (automatic), intelligent ligh ised aerodynamic attributes, on-demand of ontrolled oil pump, differential with optimise with reduced rolling resist id 195/55 R16 tyres (BMW 120i), 7.6 (7.0) 4.7 (4.7) 5.7 (5.5) 131 (126) 20i), with 7.5J x 17 rims and 225/45 R 17 t 25/45 R17 front tyres, 245/40 R17 rear ty 8.0 (7.4) 4.9 (4.9) 6.0 (5.8) 138 (133) 225/40 R18 front tyres, 245/35 R18 rear ty 8.1 (7.4) 5.0 (5.0) 6.1 (5.9)	tor, ECO PRO mode with htweight construction, operation of ancillary units, ed warm-up behaviour, tyres ance 7 4 5 13 yres, res 7 5 13 res and with winter tyres 7 5 13 res and with winter tyres 5 5 5 5 5 5 5 5.
BMW Efficier BMW Efficient Features incluc Features incluc Features incluc Fuel consum with standard v 7J x 17" rims a Urban Extra-urban Total CO2 emissions with 7J x 17" ri With 7J x 17" ri With 7J x 17" ri With 7J x 17" ri With 7J x 17" ri Mith 7J x 17" ri Total CO2 emissions with 7.5J x 18" Urban Extra-urban	Dynamics ded as standard ption (EU) ³⁾ wheels and tyres: 6 ind 205/50 R17 tyr li ms and 205/50 R17 li front rims, 8J x 17 li front rims, 8J x 18 li li li li li li li li li li li li li	(EPS) c optim map-cc .5J x 16" rims an es (BMW 125i) (100 km (100 km g/km 7 tyres (BMW 12 (100 km (100 km (100 km g/km g/km g/km g/km (100 km (100 km (100 km), Auto Start Stop function, gear shift indica oasting function (automatic), intelligent ligh ised aerodynamic attributes, on-demand of ontrolled oil pump, differential with optimise with reduced rolling resist id 195/55 R16 tyres (BMW 120i), 7.6 (7.0) 4.7 (4.7) 5.7 (5.5) 131 (126) 20i), with 7.5J x 17 rims and 225/45 R 17 t 225/45 R17 front tyres, 245/40 R17 rear ty 8.0 (7.4) 4.9 (4.9) 6.0 (5.8) 138 (133) 225/40 R18 front tyres, 245/35 R18 rear ty 8.1 (7.4) 5.0 (5.0)	ator, ECO PRO mode with htweight construction, operation of ancillary units, ed warm-up behaviour, tyres ance 7 4 5 130 yres, res 7 5 13 res and with winter tyres 7 5 13 7 5 5 13 7 5 5 5 5 5 5 5

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

¹⁾ Height including roof aerial
 ²⁾ Oil change volume
 ³⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format

Information

5/2017 Page 7

Valid from 7/2017

The BMW 1 Series 3-door. M140i.

		BMW M140i 3-door
Body		
No. of doors/seats		3 / 4 (5)
Length/width/height ¹⁾ (unladen)	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	1445 / 1520
	Ng	(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	5767 1126
braked/unbraked	Ng	-1-
Max. roof load/towbar download	kg	75/-
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C _d x A	0.34 x 2.14
	Ouxiri	0.017.2.11
Engine		
Config./No. of cyls./valves		in-line / 6 / 4
Engine technology		M Performance TwinPower Turbo technology with twin-scroll turbocharger,
		High Precision Direct Injection, fully variable valve control (VALVETRONIC)
		and double-VANOS variable camshaft control
Effective capacity	CC	2998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel grade		min. RON 91
Output	kW/hp	250 / 340
at	rpm	5500
Torque	Nm	500
at	rpm	1520 – 4500
Electrical System		
Battery/Installation	Ah/–	80 / luggage comp.
Driving Dynamics and Safety	/	
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),
otooning		variable sport steering
Steering ratio, overall	:1	14.5
Tyres, front/rear	.1	225/40 R18 88Y/
ryres, nontreal		245/35 R 18 92Y XL
Rims, front/rear		7.5J x 18 light-alloy/
rano, nonoroa		8J x 18 light-alloy
		8J X 18 IIQTL-alloy

Media Information

5/2017 Page 8

Valid from

7/2017

			BMW M140i 3-door
Transmission			
Type of gearbox			8-speed Steptronic Sport transmission
Gear ratios	I	:1	5.000
	II	:1	3.200
		:1	2.143
	IV	:1	1.720
	V	:1	1.314
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.456
Final drive		:1	2.813
Performance			
Power-to-weight	t ratio (DIN)	kg/kW	5.9
Output per litre		kW/ltr	83.4
Acceleration	0–100 km/h	S	4.6
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, 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	U		
Urban	ltr/100 km	9.4	
Extra-urban	ltr/100 km	5.8	
Combined	ltr/100 km	7.1	
CO ₂	g/km	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

BMW Media

Information

5/2017 Page 9

Valid from 7/2017

The BMW 1 Series 3-door. M140i xDrive.

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

Media Information

5/2017 Page 10

Valid from

7/2017

			BMW M140i xDrive 3-door
Transmission			
Type of gearbox			8-speed Steptronic Sport transmission
Gear ratios	I	:1	5.000
		:1	3.200
	Ш	:1	2.143
	IV	:1	1.720
	V	:1	1.314
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.456
Final drive		:1	2.813
Performance			
Power-to-weight ı	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 El	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

Information

5/2017 Page 11

Valid from 7/2017

		BMW 116d 3-door
. .		
Body		
No. of doors/seats		3 / 4 (5)
_ength/width/height 1) (unladen)	mm	4329 / 1765 / 1421
Vheelbase	mm	2690
Frack, front/rear	mm	1535 / 1569
Ground clearance	mm	140
Furning circle	m	10.9
Fuel tank capacity	approx. Itr	52
Cooling system incl. heater	ltr	7.0
Engine oil ²⁾	ltr	4.4
Veight, unladen, to DIN/EU	kg	1320 / 1395 (1350 / 1425)
Max. load to DIN	kg	565
Vax. permissible weight	kg	1885 (1915)
Max. axle load, front/rear	kg	885 / 1090
Max. trailer load (12%)	kg	
praked/unbraked	g	1500 / 690
Aax. roof load/max towbar lownload	kg	75/75
_uggage comp. capacity	ltr	360 - 1200
Air resistance	C _d x A	0.30 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
ffective capacity	CC	1496
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		diesel
Max. output	kW/hp	85 / 116
at	rpm	4000
Max torque	Nm	270
at	rpm	1750 – 2250
Electrical System		
Battery/installation	Ah/-	90 / luggage comp.
Alternator	AW	180 / 2520
Driving Dynamics and 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
0 9 9		(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 an
		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

Steering ratio, overall Tyres, front/rear :1 15.0 195/55 R16 87H Rims, front/rear 6.5J x 16 steel

The BMW 1 Series 3-door. 116d.

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)
		:1	2.109 (3.143)
		: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		11.7
Top speed	00 120 1111	km/h	200 (200)
<u></u>			
BMW Efficient	tDynamics		
BMW EfficientD)ynamics		Brake Energy Regeneration with recuperation display,
standard feature	es	E	electric Power Steering (EPS), Auto Start Stop function, Optimum Gearsh
			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 Consump			
With standard ty Urban	yres, rims 70 x 16 a		5/55 R16 as well as winter tyres
		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)
			ims 7.5J x 17 and tyres 225/45 R 17,
	17 front, 8J x 17 r		225/45 R17 front, 245/40 R17 rear

4.7 (4.4)

3.6 (3.6)

4.0 (3.9)

104 (103)

4.8 (4.6)

3.7 (3.8)

4.1 (4.1) 107 (107)

EU6

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

ltr/100 km

ltr/100 km

ltr/100 km

ltr/100 km

ltr/100 km

ltr/100 km

g/km

g/km

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

Urban

CO₂

Urban

 $\rm CO_2$

Extra-urban

Combined

Extra-urban

Emission rating

Combined

¹⁾ Height with roof fin: 1440 mm
 ²⁾ Oil change
 ³⁾ Fuel consumption and CO₂ emission figures depend on the selected tyre format

BMW Media

Information

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		3 / 4 (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
	ltr	
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	757-
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	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
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
staating ratio, avorail	. 1	
Tyres, front/rear		205/55 R16 91V

Media Information

5/2017 Page 14

Valid from 7/2017

			BMW 116d EfficientDynamics Edition 3-door
Transmissio	n		
Type of transn	nission		6-speed manual
Gear ratios	I	:1	4.002
	II	:1	2.109
		:1	1.380
	IV	:1	1.000
	V	:1	0.781
	VI	:1	0.603
	R	:1	3.647
Final drive		:1	2.929
Performance			
Power-to-weig	ht ratio (DIN)	kg/kW	15.5
Output per litre	Э	kW/ltr	56.8
Acceleration	0–100 km/h	S	10.4

BMW EfficientDynamics

80–120 km/h

BMW EfficientDynamics standard features

in 5th gear

Top speed

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

12.9

195

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

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

S km/h

¹⁾ Height with roof fin: 1432 mm
 ²⁾ Oil change
 ³⁾ Fuel consumption and CO₂ emission figures depend on the selected tyre format

BMW Media

Information

5/2017 Page 15

Valid from 7/2017

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

		DIVIW 1180 3-000r	Divive 1 160 XDrive 3-000r
Body			
			0 (4 (5)
No. of doors/seats		3 / 4 (5)	3 / 4 (5)
Length/width/height ¹⁾ (unladen)	mm	4329 / 1765 / 1421	4329 / 1765 / 1421
Wheelbase	mm	2690	2690
Track, front/rear	mm	1535 / 1569	1522 / 1556
Ground clearance	mm	140	140
Turning circle	m	10.9	11.3
Fuel tank capacity	approx.	52	52
	ltr		
Cooling system incl. heater	ltr	7.0	7.0
Engine oil 2)	ltr	5.0	5.0
Weight, unladen, to DIN/EU	kg	1350 / 1425	1420 / 1495
. .	5	(1375 / 1450)	
Max. load to DIN	kg	565	550
Max. permissible weight	kg	1915 (1940)	1970
Max. axle load, front/rear	kg	900 / 1090	940 / 1090
Max. trailer load (12%)		90071090	9407 1090
braked/unbraked	kg	1500/600	1500/310
	1.	1500/690	1500/710
Max. roof load/max towbar download	kg	75/75	75/75
Luggage comp. capacity	lt	200 1200	200 1000
Air resistance	ltr	360 - 1200	360 - 1200
All Tesistance	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	BM	W TwinPower Turbo technology: turboch	
		common rail direct injection with s	olenoid valve injectors,
		max. injection pressure	e: 2,000 bar
Effective capacity	CC	1995	1995
Stroke/bore	mm	90.0 / 84.0	90.0 / 84.0
Compression ratio	:1	16.5	16.5
Fuel		diesel	diesel
Max. output	kW/hp	110 / 150	110 / 150
at	rpm	4000	4000
Max torque	Nm	320	320
at	rpm	1500 – 3000	1500 - 3000
	ipin	1000 0000	1000 0000
Electrical System			
Battery/installation	Ah/-	90 / luggage comp.	90 / luggage comp.
Alternator	AII/-		
Alternator	AVVV	150/2100	150/2100
Driving Dynamics and Safety			
Suspension, front		Aluminium double-joint sp	
Suspension, rear	F	Five-link axle in lightweight steel construct	
Brakes, front		Single-piston floating-calli	per disc brakes
Brakes, rear		Single-piston floating-calli	per disc brakes
Driving stability systems	S	tandard: DSC incl. ABS, ASC and DTC (D	Dynamic Traction Control), CBC
	(Cor	rnering Brake Control), DBC (Dynamic Bra	ake Control), Dry Braking function,
	Fad	ling Compensation, Start-Off Assistant; B	MW 118d xDrive: linked to xDrive
		all-wheel-drive system in Integrated C	hassis Management (ICM)
Safety equipment	Stan	dard: airbags for driver and front passeng	
	pas	senger, head airbags front and rear, three	-point inertia-reel seatbelts on all
		seats with belt tensioner and belt f	
-		crash sensors, Tyre Def	
Steering		Electric Power Steeri	ing (EPS),
		optional: Servotronic function, va	ariable sport steering
Steering ratio, overall	:1	15.0	15.1
Steering ratio, overall Tyres, front/rear	:1	15.0 195/55 R16 87W	15.1 205/55 R16 91V

BMW 118d 3-door

BMW 118d xDrive 3-door

Media Information

5/2017 Page 16

Valid from 7/2017

			BMW 118d 3-door	BMW 118d xDrive 3-doo
Transmission				
Type of transm	ssion	6-spe	ed manual (optional: 8-speed	6-speed manua
			Steptronic transmission)	
Gear ratios	I	:1	4.002 (5.000)	4.11
		:1	2,109 (3,200)	2.24
		:1	1.396 (2.143)	1.40
	IV	:1	1.000 (1.720)	1.00
	V	:1	0.781 (1.314)	0.80
	VI	:1	0.668 (1.000)	0.65
	VII	:1	- (0.822)	
	VIII	:1	- (0.640)	
	R	:1	3.647 (3.456)	3.72
Final drive		:1	3.077 (2.647)	3.15
Performance				
Power-to-weigh	nt ratio (DIN)	kg/kW	12.3 (12.5)	12.
Output per litre		kW/ltr	55.1	55.
Acceleration	0–100 km/h	S	8.3 (8.1)	8.
in 5th gear	80–120 km/h	S	9.2 (-)	9.
Top speed	00 120 1011	km/h	212 (212)	21
BMW Efficient BMW Efficient standard feature	ynamics	Indica	Brake Energy Regeneration wit Power Steering (EPS), Auto Start ator, ECO PRO mode with coasting	Stop function, Optimum Gearshift function (automatic), intelligent
BMW Efficient	ynamics	Indica lightv ope	Power Steering (EPS), Auto Start	Stop function, Optimum Gearshift function (automatic), intelligent dynamic attributes, on-demand olled oil pump, differential with nd weight-optimised transfer cas
BMW Efficient[standard feature	Dynamics es	Indica lightv ope	Power Steering (EPS), Auto Start ator, ECO PRO mode with coasting veight construction, optimised aero ration of ancillary units, map-contro ed warm-up behaviour, efficiency- a	Stop function, Optimum Gearshift function (automatic), intelligent dynamic attributes, on-demand olled oil pump, differential with nd weight-optimised transfer cas
BMW EfficientE standard feature Fuel Consum	Dynamics es otion EU ³⁾	Indica lightv ope	Power Steering (EPS), Auto Start ator, ECO PRO mode with coasting veight construction, optimised aero ration of ancillary units, map-contro ed warm-up behaviour, efficiency- a	Stop function, Optimum Gearshift function (automatic), intelligent dynamic attributes, on-demand olled oil pump, differential with nd weight-optimised transfer cas
BMW Efficient[standard feature	bynamics es bytion EU ³⁾ yres	Indica lightv ope optimise	Power Steering (EPS), Auto Start 5 ator, ECO PRO mode with coasting yeight construction, optimised aero ration of ancillary units, map-contro ed warm-up behaviour, efficiency- a (BMW 118d xDrive), tyres with re	Stop function, Optimum Gearshift function (automatic), intelligent dynamic attributes, on-demand olled oil pump, differential with nd weight-optimised transfer case educed rolling resistance
BMW EfficientE standard featur Fuel Consum With standard t Urban	bynamics es bytion EU ³⁾ yres	Indica lightv ope optimise Itr/100 km	Power Steering (EPS), Auto Start S ator, ECO PRO mode with coasting veight construction, optimised aero ration of ancillary units, map-contro d warm-up behaviour, efficiency- a (BMW 118d xDrive), tyres with re 4.8 (4.5)	Stop function, Optimum Gearshift function (automatic), intelligent dynamic attributes, on-demand lled oil pump, differential with nd weight-optimised transfer cas iduced rolling resistance
BMW EfficientE standard featur Fuel Consum With standard t Urban Extra-urban	Dynamics Des Dynamics	Indica lightv ope optimise Itr/100 km Itr/100 km	Power Steering (EPS), Auto Start 5 ator, ECO PRO mode with coasting veight construction, optimised aero ration of ancillary units, map-contro d warm-up behaviour, efficiency- a (BMW 118d xDrive), tyres with re 4.8 (4.5) 3.5 (3.4)	Stop function, Optimum Gearshift function (automatic), intelligent dynamic attributes, on-demand liled oil pump, differential with nd weight-optimised transfer cas iduced rolling resistance 5.
BMW EfficientE standard featur Fuel Consum With standard t Urban	Dynamics Des Dynamics	Indica lightv ope optimise Itr/100 km Itr/100 km Itr/100 km	Power Steering (EPS), Auto Start S ator, ECO PRO mode with coasting veight construction, optimised aero ration of ancillary units, map-contro d warm-up behaviour, efficiency- a (BMW 118d xDrive), tyres with re 4.8 (4.5)	Stop function, Optimum Gearshif function (automatic), intelligent dynamic attributes, on-demand olled oil pump, differential with nd weight-optimised transfer cas aduced rolling resistance
BMW EfficientE standard feature Fuel Consum With standard t Urban Extra-urban CO2 With rims 7J x 2 with rims 7J x 2 with rims 7.5J x	Dynamics Dyn	Indica lightv ope optimise Itr/100 km Itr/100 km Itr/100 km g/km 55 R16 (BMW 118ø /45 R 17 as well as rear and tyres 225/	Power Steering (EPS), Auto Start 4 ator, ECO PRO mode with coasting veight construction, optimised aero ration of ancillary units, map-contro d warm-up behaviour, efficiency- a (BMW 118d xDrive), tyres with re 4.8 (4.5) 3.5 (3.4) 4.0 (3.8) 104 (99) d), with rims 7J x 17 and tyres 205/ winter tyres, 45 R17 front, 245/40 R17 rear	Stop function, Optimum Gearshift function (automatic), intelligent dynamic attributes, on-demand olled oil pump, differential with nd weight-optimised transfer cas aduced rolling resistance 5. 5. 5. 6. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7.
BMW Efficient standard featur standard featur With standard t Urban Combined CO ₂ With rims 7J.5J x with rims 7.5J x With rims 7.5J x	Dynamics Dyn	Indica lightv ope optimise Itr/100 km Itr/100 km Itr/100 km g/km 55 R16 (BMW 118a /45 R 17 as well as rear and tyres 225/ Itr/100 km	Power Steering (EPS), Auto Start 5 ator, ECO PRO mode with coasting veight construction, optimised aero ration of ancillary units, map-contro d warm-up behaviour, efficiency- a (BMW 118d xDrive), tyres with re 4.8 (4.5) 3.5 (3.4) 4.0 (3.8) 104 (99) d), with rims 7J x 17 and tyres 205/ winter tyres, 45 R17 front, 245/40 R17 rear 5.0 (4.7)	Stop function, Optimum Gearshif function (automatic), intelligent dynamic attributes, on-demand olled oil pump, differential with and weight-optimised transfer cas aduced rolling resistance 5 5 3 4 50 R17, 5
BMW Efficient standard featur standard featur With standard t Urban CO2 With rims 7J x ' with rims 7.5J x with rims 7.5J x Urban Extra-urban	Dynamics Dyn	Indica lightv ope optimise Itr/100 km Itr/100 km g/km 55 R16 (BMW 118a /45 R 17 as well as rear and tyres 225/ Itr/100 km Itr/100 km	Power Steering (EPS), Auto Start 5 ator, ECO PRO mode with coasting veight construction, optimised aero ration of ancillary units, map-contro d warm-up behaviour, efficiency- a (BMW 118d xDrive), tyres with re 4.8 (4.5) 3.5 (3.4) 4.0 (3.8) 104 (99) d), with rims 7J x 17 and tyres 205/ winter tyres, 45 R17 front, 245/40 R17 rear 5.0 (4.7) 3.6 (3.6)	Stop function, Optimum Gearshifi function (automatic), intelligent dynamic attributes, on-demand olled oil pump, differential with and weight-optimised transfer case aduced rolling resistance 5 5 5 3 4 50 R17, 5 4
BMW EfficientE standard feature standard feature Fuel Consum With standard t Urban Extra-urban Combined CO2 With rims 7J.5J x With rims 7.5J x Urban Extra-urban Combined	Dynamics Dyn	Indica lightv ope optimise Itr/100 km Itr/100 km g/km 55 R16 (BMW 118a /45 R 17 as well as rear and tyres 225/ Itr/100 km Itr/100 km	Power Steering (EPS), Auto Start 3 ator, ECO PRO mode with coasting weight construction, optimised aero ration of ancillary units, map-contro ed warm-up behaviour, efficiency- a (BMW 118d xDrive), tyres with re- 4.8 (4.5) 3.5 (3.4) 4.0 (3.8) 104 (99) d), with rims 7J x 17 and tyres 205/ winter tyres, 45 R17 front, 245/40 R17 rear 5.0 (4.7) 3.6 (3.6) 4.1 (4.0)	Stop function, Optimum Gearshif function (automatic), intelligent dynamic attributes, on-demand liled oil pump, differential with nd weight-optimised transfer cas iduced rolling resistance 5 5 5 3 4 50 R17, 5 5 4 4 4 4
BMW EfficientE standard feature standard feature With standard t Urban Combined CO ₂ With rims 7J x 1 with rims 7.5J x With rims 7.5J x Urban Extra-urban Combined CO ₂	Dynamics Dyn	Indica lightv ope optimise Itr/100 km Itr/100 km Itr/100 km 55 R16 (BMW 118c /45 R 17 as well as rear and tyres 225/ Itr/100 km Itr/100 km Itr/100 km	Power Steering (EPS), Auto Start 4 ator, ECO PRO mode with coasting veight construction, optimised aero ration of ancillary units, map-contro ed warm-up behaviour, efficiency- a (BMW 118d xDrive), tyres with re 4.8 (4.5) 3.5 (3.4) 4.0 (3.8) 104 (99) d), with rims 7J x 17 and tyres 205/ winter tyres, 45 R17 front, 245/40 R17 rear 5.0 (4.7) 3.6 (3.6) 4.1 (4.0) 109 (105)	Stop function, Optimum Gearshif function (automatic), intelligent dynamic attributes, on-demand liled oil pump, differential with nd weight-optimised transfer cas iduced rolling resistance 5 5 5 3 4 50 R17, 5 5 4 4 4 4
BMW Efficient standard featur standard featur With standard t Urban Combined CO2 With rims 7J x 1 with rims 7.5J x With rims 7.5J x Urban Extra-urban Combined CO2 With rims 7.5J x	Dynamics Dyn	Indica lightw ope optimise itr/100 km Itr/100 km Itr/100 km g/km g/km svell as rear and tyres 225/ Itr/100 km Itr/100 km Itr/100 km Itr/100 km Itr/100 km Itr/100 km	Power Steering (EPS), Auto Start 4 ator, ECO PRO mode with coasting veight construction, optimised aero ration of ancillary units, map-contro ed warm-up behaviour, efficiency- a (BMW 118d xDrive), tyres with re 4.8 (4.5) 3.5 (3.4) 4.0 (3.8) 104 (99) d), with rims 7J x 17 and tyres 205/ winter tyres, 45 R17 front, 245/40 R17 rear 5.0 (4.7) 3.6 (3.6) 4.1 (4.0) 109 (105) /40 R18 front, 245/35 R18 rear	Stop function, Optimum Gearshif function (automatic), intelligent dynamic attributes, on-demand liled oil pump, differential with nd weight-optimised transfer cas iduced rolling resistance 5 5 5 3 4 50 R17, 5 4 4 4 11
BMW EfficientE standard feature standard feature With standard t Urban Combined CO ₂ With rims 7J x ² with rims 7.5J x With rims 7.5J x Urban Extra-urban Combined CO ₂ With rims 7.5J x Urban	Dynamics Dyn	Indica lightv ope optimise itr/100 km itr/100 km itr/100 km g/km fr/100 km tr/100 km itr/100 km itr/100 km g/km rear and tyres 225/ itr/100 km itr/100 km	Power Steering (EPS), Auto Start 4 ator, ECO PRO mode with coasting veight construction, optimised aero ration of ancillary units, map-contro ed warm-up behaviour, efficiency- a (BMW 118d xDrive), tyres with re 4.8 (4.5) 3.5 (3.4) 4.0 (3.8) 104 (99) d), with rims 7J x 17 and tyres 205/ winter tyres, 45 R17 front, 245/40 R17 rear 5.0 (4.7) 3.6 (3.6) 4.1 (4.0) 109 (105) /40 R18 front, 245/35 R18 rear 5.2 (4.9)	Stop function, Optimum Gearshiff function (automatic), intelligent dynamic attributes, on-demand liled oil pump, differential with nd weight-optimised transfer cas iduced rolling resistance 5
BMW EfficientE standard feature standard feature With standard t Urban Extra-urban Combined CO ₂ With rims 7.5J × With rims 7.5J × Urban Extra-urban Combined CO ₂ With rims 7.5J × Urban	Dynamics Dyn	Indica lightw ope optimise itr/100 km Itr/100 km Itr/100 km g/km g/km svell as rear and tyres 225/ Itr/100 km Itr/100 km Itr/100 km Itr/100 km Itr/100 km Itr/100 km	Power Steering (EPS), Auto Start 4 ator, ECO PRO mode with coasting veight construction, optimised aero ration of ancillary units, map-contro ed warm-up behaviour, efficiency- a (BMW 118d xDrive), tyres with re 4.8 (4.5) 3.5 (3.4) 4.0 (3.8) 104 (99) d), with rims 7J x 17 and tyres 205/ winter tyres, 45 R17 front, 245/40 R17 rear 5.0 (4.7) 3.6 (3.6) 4.1 (4.0) 109 (105) /40 R18 front, 245/35 R18 rear	Stop function, Optimum Gearshiff function (automatic), intelligent dynamic attributes, on-demand liled oil pump, differential with nd weight-optimised transfer cas iduced rolling resistance 5
BMW EfficientE standard feature standard feature With standard t Urban Combined CO2 With rims 7J x 2 with rims 7.5J x With rims 7.5J x With rims 7.5J x Urban Extra-urban Combined CO2	Dynamics Dyn	Indica lightv ope optimise itr/100 km itr/100 km itr/100 km g/km fr 17 as well as rear and tyres 225/ itr/100 km itr/100 km g/km rear and tyres 225 itr/100 km	Power Steering (EPS), Auto Start 4 ator, ECO PRO mode with coasting veight construction, optimised aero ration of ancillary units, map-contro ed warm-up behaviour, efficiency- a (BMW 118d xDrive), tyres with re 4.8 (4.5) 3.5 (3.4) 4.0 (3.8) 104 (99) d), with rims 7J x 17 and tyres 205/ winter tyres, 45 R17 front, 245/40 R17 rear 5.0 (4.7) 3.6 (3.6) 4.1 (4.0) 109 (105) /40 R18 front, 245/35 R18 rear 5.2 (4.9)	Stop function, Optimum Gearshift function (automatic), intelligent dynamic attributes, on-demand olled oil pump, differential with nd weight-optimised transfer case aduced rolling resistance 5. 5. 3. 4. 11
BMW Efficient standard featur standard featur With standard t Urban Extra-urban Combined CO ₂ With rims 7.5J x With rims 7.5J x Urban Extra-urban Combined CO ₂ With rims 7.5J x Urban Extra-urban Coban	Dynamics Dyn	Indica lightv ope optimise itr/100 km itr/100 km itr/100 km g/km rear and tyres 225/ itr/100 km itr/100 km g/km rear and tyres 225 itr/100 km itr/100 km	Power Steering (EPS), Auto Start 4 ator, ECO PRO mode with coasting veight construction, optimised aero ration of ancillary units, map-contro ed warm-up behaviour, efficiency- a (BMW 118d xDrive), tyres with re 4.8 (4.5) 3.5 (3.4) 4.0 (3.8) 104 (99) 3), with rims 7J x 17 and tyres 205/ winter tyres, 45 R17 front, 245/40 R17 rear 5.0 (4.7) 3.6 (3.6) 4.1 (4.0) 109 (105) /40 R18 front, 245/35 R18 rear 5.2 (4.9) 3.8 (3.8)	Stop function, Optimum Gearshift function (automatic), intelligent dynamic attributes, on-demand liled oil pump, differential with nd weight-optimised transfer cas iduced rolling resistance 5

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 CO₂ emission figures depend on the selected tyre format

BMW Media

Information

5/2017 Page 17

Valid from 7/2017

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

		BMW 120d 3-door	BMW 120d xDrive 3-door
D			
Body			
No. of doors/seats		3 / 4 (5)	3 / 4 (5)
Length/width/height ¹⁾ (unladen)	mm	4329 / 1765 / 1421	4329 / 1765 / 1421
Wheelbase	mm	2690	2690
Track, front/rear	mm	1521 / 1556	1522 / 1556
Ground clearance	mm	140	140
Turning circle	m	10.9	11.3
Fuel tank capacity	approx.	52	52
	ltr		
Cooling system incl. heater	ltr	7.0	7.0
Engine oil 2)	ltr	5.0	5.0
Weight, unladen, to DIN/EU	kg	1370 / 1445 (1385 / 1460)	1450 / 1525
Max. load to DIN	kg	565	550
Max. permissible weight	kg	1935 (1950)	2000
Max. axle load, front/rear	kg	900 / 1090	975 / 1090
Max. trailer load (12%)	kg		
braked/unbraked	9	1500 / 710	1500 / 750
Max. roof load/max towbar download	kg	75/75	75/75
Luggage comp. capacity	ltr	360 – 1200	360 – 1200
Air resistance	C _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	BMW	/ TwinPower Turbo technology: turboch common rail direct injection with s	olenoid valve injectors,
		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	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 sp	
Suspension, rear	Fi	ve-link axle in lightweight steel construct	
Brakes, front		Single-piston floating-callip	per disc brakes
Brakes, rear		Single-piston floating-callip	per disc brakes
Driving stability systems	(Corr	andard: DSC incl. ABS, ASC and DTC (D nering Brake Control), DBC (Dynamic Bra ng Compensation, Start-Off Assistant; B	ake Control), Dry Braking function, MW 120d xDrive: linked to xDrive
Safety equipment		all-wheel-drive system in Integrated C lard: airbags for driver and front passeng enger, head airbags front and rear, three seats with belt tensioner and belt fr crash sensors, Tyre Def	er, side airbags for driver and front -point inertia-reel seatbelts on all orce limiter at the front,
Steering		Electric Power Steeri	
<u> </u>		optional: Servotronic function, va	3 (- //
	:1	15.0	15.1
Steering ratio, overall			
Steering ratio, overall Tyres, front/rear		205/55 R16 91V	205/55 R16 91V

Media Information

5/2017 Page 18

Valid from 7/2017

			BMW 120d 3-door	BMW 120d xDrive 3-doo
Transmissior	.			
Type of transm		6-5	peed manual (optional: 8-speed	8-speed Steptronic transmissio
		0.0	Steptronic transmission)	
Gear ratios		:1	4.110 (5.000)	5.00
		:1	2.248 (3.200)	3.20
		:1	1.403 (2.143)	2.14
	IV	:1	1.000 (1.720)	1.72
	V	:1	0.802 (1.314)	1.31
	VI	:1	0.659 (1.000)	1.00
	VI	:1	- (0.822)	0.82
	VIII	:1	- (0.640)	0.64
	R	:1	3.727 (3.456)	3.45
Final drive	ĸ	:1	3.077 (2.647)	2.64
Doufournous				
Performance Power-to-weig		kg/kW	9.8 (9.9)	10
Output per litre		kW/ltr	70.2	70
Acceleration	0–100 km/h	S	7.1 (7.0)	6
n 5th gear	80–120 km/h	s	7.2 (-)	
Top speed		km/h	228 (228)	22
Top speed				
BMW Efficiert BMW Efficient	Dynamics	Indi ligh	cator, ECO PRO mode with coastir tweight construction, optimised ae	t Stop function, Optimum Gearshift ng function (automatic), intelligent rodynamic attributes, on-demand
BMW Efficier	Dynamics	Indi ligh oj	ric Power Steering (EPS), Auto Star cator, ECO PRO mode with coastir tweight construction, optimised ae peration of ancillary units, map-con sed warm-up behaviour, efficiency- (BMW 120d xDrive), ty	t Stop function, Optimum Gearshift ng function (automatic), intelligent rodynamic attributes, on-demand trolled oil pump, differential with and weight-optimised transfer cas rres with reduced
BMW Efficier BMW EfficientI standard featur Fuel Consum	Dynamics res ption EU ³⁾	Indi ligh oj	ric Power Steering (EPS), Auto Star cator, ECO PRO mode with coastir tweight construction, optimised ae peration of ancillary units, map-cont sed warm-up behaviour, efficiency-	t Stop function, Optimum Gearshift ng function (automatic), intelligent rodynamic attributes, on-demand trolled oil pump, differential with and weight-optimised transfer cas rres with reduced
BMW Efficier BMW EfficientI standard featur Fuel Consum With standard 1	Dynamics res ption EU 3) tyres	Indi ligh op optimi	ric Power Steering (EPS), Auto Star cator, ECO PRO mode with coastir tweight construction, optimised ae peration of ancillary units, map-coni sed warm-up behaviour, efficiency- (BMW 120d xDrive), ty rolling resis	t Stop function, Optimum Gearshift ng function (automatic), intelligent rodynamic attributes, on-demand trolled oil pump, differential with and weight-optimised transfer cas rres with reduced stance
BMW Efficier BMW Efficient standard featur Standard featur With standard f Urban	Dynamics res ption EU ³⁾ tyres It	Indi ligh optimi r/100 km	ric Power Steering (EPS), Auto Star cator, ECO PRO mode with coastir tweight construction, optimised ae peration of ancillary units, map-com sed warm-up behaviour, efficiency- (BMW 120d xDrive), ty rolling resis	t Stop function, Optimum Gearshift ng function (automatic), intelligent rodynamic attributes, on-demand trolled oil pump, differential with and weight-optimised transfer cas rres with reduced stance
BMW Efficier BMW Efficient standard featur Standard featur With standard f Urban Extra-urban	Dynamics res ption EU 3) tyres It	Indi ligh optimi r/100 km r/100 km	ric Power Steering (EPS), Auto Star cator, ECO PRO mode with coastir tweight construction, optimised ae peration of ancillary units, map-com sed warm-up behaviour, efficiency- (BMW 120d xDrive), ty rolling resis 5.0 (4.6) 3.6 (3.5)	t Stop function, Optimum Gearshif ng function (automatic), intelligent rodynamic attributes, on-demand trolled oil pump, differential with and weight-optimised transfer cas rres with reduced stance
BMW Efficier BMW Efficient standard featur standard featur With standard f Urban Extra-urban Combined	Dynamics res ption EU 3) tyres It	Indi ligh optimi r/100 km r/100 km r/100 km	ric Power Steering (EPS), Auto Star cator, ECO PRO mode with coastir tweight construction, optimised ae peration of ancillary units, map-com sed warm-up behaviour, efficiency- (BMW 120d xDrive), ty rolling resis 5.0 (4.6) 3.6 (3.5) 4.1 (3.9)	t Stop function, Optimum Gearshif ng function (automatic), intelligent rodynamic attributes, on-demand trolled oil pump, differential with e and weight-optimised transfer cas rres with reduced stance
BMW Efficier BMW Efficient standard featur standard featur With standard f Urban Extra-urban Combined CO ₂ With rims 7J x	Dynamics res aption EU 3) tyres It It It It It It It It It It	Indi ligh optimi r/100 km r/100 km r/100 km g/km 0 R17, with rims	ric Power Steering (EPS), Auto Star cator, ECO PRO mode with coastir tweight construction, optimised ae peration of ancillary units, map-con sed warm-up behaviour, efficiency- (BMW 120d xDrive), ty rolling resis 5.0 (4.6) 3.6 (3.5) 4.1 (3.9) 108 (103) 7.5J x 17 and tyres 225/45 R 17 a	t Stop function, Optimum Gearshif ng function (automatic), intelligent rodynamic attributes, on-demand trolled oil pump, differential with and weight-optimised transfer cas rres with reduced stance 5 3 4 1
BMW Efficier BMW Efficient standard featur standard featur With standard f Urban Extra-urban Combined CO ₂ With rims 7J x with rims 7.5J x	Dynamics res Iption EU 3) tyres It It It It It It It It It It It It It	Indi ligh optimi r/100 km r/100 km r/100 km g/km 0 R17, with rims ear and tyres 22	ric Power Steering (EPS), Auto Star cator, ECO PRO mode with coastir tweight construction, optimised ae peration of ancillary units, map-con sed warm-up behaviour, efficiency- (BMW 120d xDrive), ty rolling resis 5.0 (4.6) 3.6 (3.5) 4.1 (3.9) 108 (103) 7.5J x 17 and tyres 225/45 R 17 a (5/45 R17 front, 245/40 R17 rear	t Stop function, Optimum Gearshift ng function (automatic), intelligent rodynamic attributes, on-demand trolled oil pump, differential with and weight-optimised transfer cas vres with reduced stance 5 3 4 11 s well as winter tyres,
BMW Efficient BMW Efficient standard featur standard featur With standard f Urban Extra-urban Combined CO ₂ With rims 7.J x with rims 7.5J s	Dynamics res aption EU 3) tyres It It It It It It It It It It It It It	Indi ligh optimi r/100 km r/100 km r/100 km g/km 0 R17, with rims ear and tyres 22 r/100 km	ric Power Steering (EPS), Auto Star cator, ECO PRO mode with coastir tweight construction, optimised ae peration of ancillary units, map-con sed warm-up behaviour, efficiency- (BMW 120d xDrive), ty rolling resis 5.0 (4.6) 3.6 (3.5) 4.1 (3.9) 108 (103) 7.5J x 17 and tyres 225/45 R 17 a (5.45 R17 front, 245/40 R17 rear 5.3 (4.9)	t Stop function, Optimum Gearshif ng function (automatic), intelligent rodynamic attributes, on-demand trolled oil pump, differential with and weight-optimised transfer cas vres with reduced stance 5 3 4 5 3 4 11 s well as winter tyres, 5
BMW Efficient BMW Efficient standard featur standard featur With standard f Urban Extra-urban Combined CO ₂ With rims 7.5 J Urban Extra-urban	Dynamics res ption EU 3) tyres It IT and tyres 205/5 x 17 front, 8J x 17 r It It It It It It It It It It	Indi ligh optimi r/100 km r/100 km r/100 km g/km 0 R17, with rims ear and tyres 22 r/100 km r/100 km	ric Power Steering (EPS), Auto Star cator, ECO PRO mode with coastir tweight construction, optimised ae peration of ancillary units, map-con sed warm-up behaviour, efficiency- (BMW 120d xDrive), ty rolling resis 5.0 (4.6) 3.6 (3.5) 4.1 (3.9) 108 (103) 7.5J x 17 and tyres 225/45 R 17 a (5/45 R17 front, 245/40 R17 rear 5.3 (4.9) 3.7 (3.7)	t Stop function, Optimum Gearshif ng function (automatic), intelligent rodynamic attributes, on-demand trolled oil pump, differential with and weight-optimised transfer cas vres with reduced stance 5 3 4 5 3 4 5 3 4 5 3 4 5 4 5 4 5 4
BMW Efficier BMW Efficient standard featur standard featur With standard f Urban Extra-urban Combined CO ₂ With rims 7.5.1 Urban Extra-urban Combined	Dynamics res ption EU 3) tyres It IT and tyres 205/5 x 17 front, 8J x 17 r It It It It It It It It It It	Indi ligh optimi r/100 km r/100 km r/100 km g/km 0 R17, with rims ear and tyres 22 r/100 km r/100 km r/100 km	ric Power Steering (EPS), Auto Star cator, ECO PRO mode with coastir tweight construction, optimised ae beration of ancillary units, map-coni sed warm-up behaviour, efficiency- (BMW 120d xDrive), ty rolling resis 5.0 (4.6) 3.6 (3.5) 4.1 (3.9) 108 (103) 7.5J x 17 and tyres 225/45 R 17 a 5/45 R17 front, 245/40 R17 rear 5.3 (4.9) 3.7 (3.7) 4.3 (4.1)	t Stop function, Optimum Gearshif ng function (automatic), intelligent rodynamic attributes, on-demand trolled oil pump, differential with • and weight-optimised transfer cas rres with reduced stance 5 5 3 4 1 5 3 4 1 5 5 3 4 4 1 5 5 3 4 4 1 1 5 3 4 4 1 1 5 3 4 4 1 1 5 3 4 4 4 4 4 4 4
BMW Efficient BMW Efficient standard featur standard featur With standard f Urban Extra-urban Combined CO ₂ With rims 7.5J : Urban Extra-urban Extra-urban Combined CO ₂	Dynamics res ption EU ³⁾ tyres It It It It It It It It It It It It It	Indi ligh optimi r/100 km r/100 km g/km 0 R17, with rims ear and tyres 22 r/100 km r/100 km r/100 km	ric Power Steering (EPS), Auto Star cator, ECO PRO mode with coastir tweight construction, optimised ae beration of ancillary units, map-comi sed warm-up behaviour, efficiency- (BMW 120d xDrive), ty rolling resis 5.0 (4.6) 3.6 (3.5) 4.1 (3.9) 108 (103) 7.5J x 17 and tyres 225/45 R 17 a (5/45 R17 front, 245/40 R17 rear 5.3 (4.9) 3.7 (3.7) 4.3 (4.1) 114 (109)	t Stop function, Optimum Gearshif ng function (automatic), intelligent rodynamic attributes, on-demand trolled oil pump, differential with • and weight-optimised transfer cas rres with reduced stance 5 5 3 4 1 5 3 4 1 5 5 3 4 4 1 5 5 3 4 4 1 1 5 3 4 4 1 1 5 3 4 4 1 1 5 3 4 4 4 4 4 4 4
BMW Efficient BMW Efficient standard featur standard featur With standard f Urban Extra-urban Combined CO ₂ With rims 7.5J : Urban Extra-urban Extra-urban Combined CO ₂ With rims 7.5J	Dynamics res ption EU ³⁾ tyres It 17 and tyres 205/5 x 17 front, 8J x 17 r It It x 18 front, 8J x 18	Indi ligh optimi r/100 km r/100 km r/100 km g/km 0 R17, with rims ear and tyres 22 r/100 km r/100 km r/100 km r/100 km r/100 km	ric Power Steering (EPS), Auto Star cator, ECO PRO mode with coastir tweight construction, optimised ae peration of ancillary units, map-comi sed warm-up behaviour, efficiency- (BMW 120d xDrive), ty rolling resis 5.0 (4.6) 3.6 (3.5) 4.1 (3.9) 108 (103) 7.5J x 17 and tyres 225/45 R 17 a 5.3 (4.9) 3.7 (3.7) 4.3 (4.1) 114 (109) 25/40 R18 front, 245/35 R18 rear	t Stop function, Optimum Gearshif ng function (automatic), intelligent rodynamic attributes, on-demand trolled oil pump, differential with • and weight-optimised transfer cas rres with reduced stance 5 5 3 4 1 s well as winter tyres, 5 4 1 1
BMW Efficier BMW Efficient standard featur standard featur With standard f Urban Extra-urban Combined CO2 With rims 7.J x With rims 7.J x Urban Extra-urban Combined CO2 With rims 7.5J Urban	Dynamics res ption EU ³⁾ tyres It 17 and tyres 205/5 x 17 front, 8J x 17 r It It x 18 front, 8J x 18 It	Indi ligh optimi r/100 km r/100 km r/100 km g/km 0 R17, with rims ear and tyres 22 r/100 km r/100 km g/km rear and tyres 22 r/100 km	ric Power Steering (EPS), Auto Star cator, ECO PRO mode with coastir tweight construction, optimised ae peration of ancillary units, map-comi sed warm-up behaviour, efficiency- (BMW 120d xDrive), ty rolling resis 5.0 (4.6) 3.6 (3.5) 4.1 (3.9) 108 (103) 7.5J x 17 and tyres 225/45 R 17 a 5.3 (4.9) 3.7 (3.7) 4.3 (4.1) 114 (109) 25/40 R18 front, 245/35 R18 rear 5.5 (5.1)	t Stop function, Optimum Gearshif ng function (automatic), intelligent rodynamic attributes, on-demand trolled oil pump, differential with • and weight-optimised transfer cas rres with reduced stance 5 5 3 4 1 5 5 4 4 1 5 5 4 4 1 5 5 5 5 5 5 5 5
BMW Efficier BMW Efficient standard featur standard featur With standard f Urban Extra-urban Combined CO ₂ With rims 7.5 J Urban Extra-urban Combined CO ₂ With rims 7.5 J Urban Extra-urban Combined CO ₂	Dynamics res ption EU ³⁾ tyres It 17 and tyres 205/5 x 17 front, 8J x 17 r It x 18 front, 8J x 18 It It It It It It It It It It	Indi ligh optimi r/100 km r/100 km r/100 km g/km 0 R17, with rims ear and tyres 22 r/100 km r/100 km g/km rear and tyres 22 r/100 km	ric Power Steering (EPS), Auto Star cator, ECO PRO mode with coastir tweight construction, optimised ae peration of ancillary units, map-comi sed warm-up behaviour, efficiency- (BMW 120d xDrive), ty rolling resis 5.0 (4.6) 3.6 (3.5) 4.1 (3.9) 108 (103) 7.5J x 17 and tyres 225/45 R 17 a 5.3 (4.9) 3.7 (3.7) 4.3 (4.1) 114 (109) 25/40 R18 front, 245/35 R18 rear 5.5 (5.1) 3.9 (3.9)	t Stop function, Optimum Gearshif ng function (automatic), intelligent rodynamic attributes, on-demand trolled oil pump, differential with • and weight-optimised transfer cas rres with reduced stance 5 5 3 4 11 s well as winter tyres, 5 4 4 11 5 4 4 11 5 4 4 11 5 4 4 11 5 4 4 11 5 4 4 11 11 5 4 4 11 11 5 4 4 11 11 11 11 11 11 11 11 11 11 11 11
BMW Efficient BMW Efficient standard featur standard featur With standard f Urban Extra-urban Combined CO ₂ With rims 7.5J : Urban Extra-urban Extra-urban Combined CO ₂	Dynamics res ption EU ³⁾ tyres It 17 and tyres 205/5 x 17 front, 8J x 17 r It x 18 front, 8J x 18 It It It It It It It It It It	Indi ligh optimi r/100 km r/100 km r/100 km g/km 0 R17, with rims ear and tyres 22 r/100 km r/100 km g/km rear and tyres 22 r/100 km	ric Power Steering (EPS), Auto Star cator, ECO PRO mode with coastir tweight construction, optimised ae peration of ancillary units, map-comi sed warm-up behaviour, efficiency- (BMW 120d xDrive), ty rolling resis 5.0 (4.6) 3.6 (3.5) 4.1 (3.9) 108 (103) 7.5J x 17 and tyres 225/45 R 17 a 5.3 (4.9) 3.7 (3.7) 4.3 (4.1) 114 (109) 25/40 R18 front, 245/35 R18 rear 5.5 (5.1)	t Stop function, Optimum Gearshift ng function (automatic), intelligent rodynamic attributes, on-demand trolled oil pump, differential with and weight-optimised transfer cas rres with reduced stance 5 3 4 11
BMW Efficier BMW Efficient standard featur standard featur With standard f Urban Extra-urban Combined CO ₂ With rims 7.5 J Urban Extra-urban Combined CO ₂ With rims 7.5 J Urban Extra-urban Combined CO ₂	Dynamics res ption EU ³⁾ tyres It 17 and tyres 205/5 x 17 front, 8J x 17 r It x 18 front, 8J x 18 It It It It It It It It It It	Indi ligh optimi r/100 km r/100 km r/100 km g/km 0 R17, with rims ear and tyres 22 r/100 km r/100 km g/km rear and tyres 22 r/100 km	ric Power Steering (EPS), Auto Star cator, ECO PRO mode with coastir tweight construction, optimised ae peration of ancillary units, map-comi sed warm-up behaviour, efficiency- (BMW 120d xDrive), ty rolling resis 5.0 (4.6) 3.6 (3.5) 4.1 (3.9) 108 (103) 7.5J x 17 and tyres 225/45 R 17 a 5.3 (4.9) 3.7 (3.7) 4.3 (4.1) 114 (109) 25/40 R18 front, 245/35 R18 rear 5.5 (5.1) 3.9 (3.9)	t Stop function, Optimum Gearshift ng function (automatic), intelligent rodynamic attributes, on-demand trolled oil pump, differential with and weight-optimised transfer cas rres with reduced stance 5 3 4 11 s well as winter tyres, 5 4 4 11 5 4 4 11 5 4 4 11

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 CO₂ emission figures depend on the selected tyre format

Information

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)
_ength/width/height ¹⁾ (unladen)	mm	4329 / 1765 / 1421
Vheelbase	mm	2690
Frack, front/rear	mm	1521 / 1556
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	5.0
Neight, unladen, to DIN/EU		
	kg	1425 / 1500
Vlax. load to DIN	kg	565
Vax. permissible weight	kg	1990
vlax. axle load, front/rear	kg	940 / 1090
Vlax. trailer load (12%) praked/unbraked	Kg	1500 / 740
Max. roof load/max towbar	kg	75/75
download	ing	, , , , , , , , , , , , , , , , , , , ,
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
Engine teermology		pressure turbocharger with variable inlet geometry, common rail direct
		injection with solenoid valve injectors, max. injection pressure: 2,500 ba
Effective capacity		
Stroke/bore	CC	1995
	mm	90.0 / 84.0
Compression ratio	:1	16.5
-uel		diesel
Max. output	kW/hp	165/224
at	rpm	4400
Max torque	Nm	450
at	rpm	1500 – 3000
Electrical System		
Battery/installation	Ah/–	90 / Juggage comp
Alternator	An/-	90 / luggage comp. 150 / 2100
าแอกาณป	AVVV	15072100
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), CB
Briving 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 an
		front passenger, head airbags front and rear, three-point inertia-reel
		seatbelts on all seats with belt tensioner and belt force limiter at the fron
Ctaoring		crash sensors, Tyre Defect Indicator
Steering		Electric Power Steering (EPS),
		optional: Servotronic function, variable sport steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		205/50 R17 89Y
Rims, front/rear		7J x 17 light-alloy

Media Information

5/2017 Page 20

Valid from

7/2017

			BMW 125d 3-door
Transmissio	n		
Type of transm			8-speed Steptronic transmission
Gear ratios		:1	5.000
		:1	3.200
		: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	9		
Power-to-weig	ht ratio (DIN)	kg/kW	8.6
Output per litre	9	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 Efficier	ntDynamics		
BMW Efficient	Dynamics		Brake Energy Regeneration with recuperation display,
standard featu	res	Elec	tric Power Steering (EPS), Auto Start Stop function, ECO PRO mod
		W	ith coasting function, intelligent lightweight construction, optimised

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

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 and	tyres 225/45 R 17 as well as winter ty	rres,	
with rims 7.5J x 17 from	t, 8J x 17 rear and tyres 225/45 R17 f	ont, 245/40 R17 rear,	
with rims 7.5J x 18 from	t, 8J x 18 rear and tyres 225/40 R18 f	ont, 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)

Fuel Consumption EU 3)

 $^{1)}$ Height with roof fin: 1440 mm $^{2)}$ Oil change $^{3)}$ Fuel consumption and CO₂ emission figures depend on the selected tyre format

Media Information

5/2017 Page 21

Valid from 7/2017

		BMW 116i 5-door
Body		
No. of doors/seats		5/5
_ength/width/height ¹⁾ (unladen)	mm	4329 / 1765 / 1421
Vheelbase	mm	2690
Frack, front/rear	mm	1535 / 1569
Ground clearance	mm	140
Furning circle	m	10.9
-uel tank capacity	approx.	52
	ltr	
Cooling system incl. heater	ltr	7.7
Engine oil 2)	ltr	4.25
Veight, unladen, to DIN/EU	kg	1305 / 1380
Aax, load to DIN	kg	565
Aax. permissible weight		1870
/ax. axle load, front/rear	kg	
Max. trailer load (12%)	kg	850 / 1090
viax. trailer ioad (12%) praked/unbraked	kg	4000/050
		1200/650
/lax. roof load/max towbar	kg	75/75
lownload		000 4000
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
ingine technology		BMW TwinPower Turbo technology: turbocharger,
Ingine technology		High Precision Direct Injection, fully variable valve control (VALVETRONIC
		Double-VANOS variable camshaft control
ffeeti		
ffective capacity	CC	1499
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min RON 91
Лах. output	kW/hp	80 / 109
at	rpm	4250
Aax torque	Nm	180
it	rpm	1250-4250
lectrical 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
<u> </u>		(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 an
sarety equipment		front passenger, head airbags front and rear, three-point inertia-reel
		seatbelts on all seats with belt tensioner and belt force limiter at the front
		crash sensors, Tyre Defect Indicator
Steering		Electric Power Steering (EPS),
		optional: Servotronic function, variable sport steering
Steering ratio, overall	:1	15.0
vres, front/rear	11	195/55 R16 87H
<i>,</i> ,		
Rims, front/rear		6.5J x 16 steel

Media Information

5/2017 Page 22

Valid from

7/2017

			BMW 116i 5-door
Transmissior			
Type of transm	nission		6-speed manual
Gear ratios	I	:1	4.552
		: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-weig	ht ratio (DIN)	kg/kW	16.3
Output per litre	9	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 Efficier	ntDynamics		
BMW Efficientl	Dynamics		Brake Energy Regeneration with recuperation display,
standard featur	res	Electr	ic Power Steering (EPS), Auto Start Stop function, Optimum Gearsh

Indicator, ECO PRO mode, 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 tyres, ri	ms 7J x 16 and tyres 205/55 R16 as we	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 a	and tyres 225/45 R 17,	
with rims 7.5J x 17 fro	nt, 8J x 17 rear and tyres 225/45 R17 f	ront, 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	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 CO₂ emission figures depend on the selected tyre format

Information

118i.

5/2017 Page 23

Valid from 7/2017

		BMW 118i 5-door
Body		
No. of doors/seats		5/5
Length/width/height ¹⁾ (unlade	n) mm	4329 / 1765 / 1421
Wheelbase	mm	2690
-ront/rear track	mm	1535 / 1569
Ground clearance	mm	140
Furning 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
Vax. permissible weight	kg	1870 (1885)
Vlax. axle load, front/rear	kg	865 / 1090
Max. trailer load (12%) braked/unbraked	kg	1300 / 650
Max. roof load/max towbar dov	wnload kg	75/75
_uggage comp. capacity	<u> </u>	360 – 1200
Air resistance	Cd x A	0.31 x 2.14
Engine		
Type/no. of cylinders/valves		in-line / 3 / 4
Engine technology	E	BMW TwinPower Turbo technology: turbocharger, direct injection system Hig Precision Injection, fully variable valve control (VALVETRONIC) and double VANOS variable camshaft timing
Effective capacity	CC	1499
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel type		min. RON 91
Dutput	kW/hp	100 / 136
at rpm	I*	4400
Forque	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	ety	
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. Two Defect Indicator

The BMW 1 Series 5-door.

		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
Transmissio	on		
Type of gearb	XOX		6-speed manual (optional: 8-speed Steptronic)
Gear ratios	I	:1	4.552 (4.714)
	I	:1	2.548 (3.143)
		: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)
Performanc	e		
Weight-to-po	wer ratio		
(DIN unladen)		kg/kW	13.1 (13.2)
Specific powe	er output	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 Efficie	entDynamics		
BMW Efficien	tDynamics Feature	es	Brake Energy Regeneration with recuperation display, electric power steering
included as st	andard		(EPS), Auto Start Stop function, gear shift indicator, ECO PRO mode with coasting function (automatic), intelligent lightweight construction,

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	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)
	d 205/50 R17 tyres, with 7.5J x 1 rims, 8J x 17'' rear rims, 225/45 R	?" rims and 225/45 R17 tyres, 17 front tyres and 245/40 R17 rear tyres
Urban	l/100 km	6.5 (6.3)
Extra-urban	l/100 km	4.5 (4.5)
Combined	l/100 km	5.3 (5.1)
CO ₂ emissions	g/km	123 (119)
with 7.5J x 18" front	rims, 8J x 18" rear rims, 225/40 R	18 front tyres and 245/35 R18 rear tyres
Urban	l/100 km	6.7 (6.4)
Extra-urban	l/100 km	4.7 (4.6)
Total	l/100 km	5.4 (5.2)
CO 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 CO₂ emissions depend on the selected tyre format

Media Information

5/2017 Page 25

Valid from 7/2017

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

		BMW 120i 5-door	BMW 125i 5-door
Body			
No. of doors/seats		5/5	5/5
Length/width/height ¹ (unladen)	mm	4329 / 1765 / 1421	4329 / 1765 / 1421
Wheelbase	mm		2690
Front/rear track	mm	1535 / 1569	1521 / 1556
Ground clearance	mm	140	140
Turning circle	m		140
Fuel capacity	approx. I	52	52
Engine oil capacity ²⁾		5.25	5.25
	ا ان م		
Weight, unladen (DIN/EU)	kg	(1380 / 1445)	14007 1475
Payload (DIN)	ka	565	565
Max. permissible weight	kg		
i	kg	• •	
Max. axle load, front/rear Max. trailer load (12%)	kg	910 / 1090	920 / 1100
braked/unbraked		1500/670	1500/000
	kg	1500 / 670	1500/680
Max. roof load/max towbar down		75/75	75/75
Luggage comp. capacity			360 – 1200
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-scr	oll turbocharger, direct injection
0 0,		system High Precision Injection, fully variable va double VANOS variable car	alve control (VALVETRONIC) and
Effective capacity	CC	1998	1998
Stroke/bore			94.6 / 82.0
		94.6/82.0	
Compression ratio	:1	11.0 min DON 01	10.2 min DON 01
Fuel type	1.1 1/1	min RON 91	min RON 91
Output	kW/hp	135 / 184	165/224
at rpm	Nime	5000	5200
Torque	Nm		310
at rpm		1350 – 4250	1400 – 5000
Electrical			
Battery charge/location	Ah/–	80 / luggage compartment	80 / luggage compartment
Driving Dynamics and Safety	/		
Front suspension		Aluminium double-joint spr	ing strut axle
Rear suspension		Five-link axle in lightweight steel construction	
Front brakes		Single-piston floating-callipe	
Rear brakes		Single-piston floating-callips	
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (
Driving stability systems		CBC Cornering Brake Control, DBC Dynam	
		function, Fading Compensation,	
Safety equipment		Standard: airbags for driver and front passenger	
Salety equipment		passenger, head airbags front and rear, three-	
		seats with belt tensioner and belt for	
		crash sensors, Tyre Defe	
Stooring		Electromochanical rook and pipier	
Steering		Electromechanical rack-and-pinion p	
	.1	optional: Servotronic function, var	iable sport steering
Overall steering ratio	:1	optional: Servotronic function, var 15.0	iable sport steering 15.0
Steering Overall steering ratio Front/rear tyres Front/rear wheels	:1	optional: Servotronic function, var	iable sport steering

Media Information

5/2017 Page 26

Valid from 7/2017

			BMW 120i 5-door	BMW 125i 5-doo
Transmission				
Type of gearbox			6-speed manual	8-speed Steptroni
			(optional: 8-speed Steptronic)	
Gear ratios		:1	4.002 (5.000)	5.00
		:1	2.130 (3.200)	3.20
		:1	1.396 (2.143)	2.14
	IV	:1	1.000 (1.720)	1.72
	V	:1	0.781 (1.314)	1.31
	VI	:1	0.668 (1.000)	1.00
	VII	:1	- (0.822)	0.82
	VIII	:1	- (0.640)	0.64
	R	:1	3.647 (3.456)	3.45
Final drive		:1	3.385 (2.813)	2.81
Performance				
Weight-to-powe	er ratio		10.1 (10.2)	0
(DIN unladen)	autaut	kg/kW kW/l	<u> </u>	8.
Specific power				82.
Acceleration	0–100 km/h	sec	7.1 (7.1)	6.
in 5th gear Max. speed	80–120 km/h	sec km/h	8.5 (-)	24
		KIII/II	230 (225)	24
BMW Efficient BMW EfficientD	ynamics	Brake	Energy Regeneration with recuperation dis	
BMW Efficient	ynamics	Brake (EP: opti	Energy Regeneration with recuperation dis S), Auto Start Stop function, gear shift indica coasting function (automatic), intelligent ligh mised aerodynamic attributes, on-demand o controlled oil pump, differential with optimise with reduced rolling resist	ator, ECO PRO mode with ntweight construction, operation of ancillary units, ad warm-up behaviour, tyres
BMW Efficient BMW EfficientD Features include	Dynamics ed as standard	Brake (EP: opti	S), Auto Start Stop function, gear shift indica coasting function (automatic), intelligent ligh mised aerodynamic attributes, on-demand o controlled oil pump, differential with optimise	ator, ECO PRO mode with htweight construction, operation of ancillary units, ad warm-up behaviour, tyres
BMW Efficient BMW Efficient Features include Features include Fuel consump with standard w	aynamics ed as standard ition (EU) ³⁾ heels and tyres: 6	Brake (EP: map-c .5J x 16" rims a	S), Auto Start Stop function, gear shift indica coasting function (automatic), intelligent ligh mised aerodynamic attributes, on-demand of controlled oil pump, differential with optimise with reduced rolling resist	ator, ECO PRO mode with htweight construction, operation of ancillary units, ad warm-up behaviour, tyres
BMW Efficient BMW Efficient Features include Features include Fuel consump with standard w 7J x 17" rims ar	aynamics ed as standard Ition (EU) ³⁾ heels and tyres: 6 nd 205/50 R17 tyr	Brake (EP: opti map-c 5.5J x 16" rims a res (BMW 125i)	S), Auto Start Stop function, gear shift indica coasting function (automatic), intelligent ligh mised aerodynamic attributes, on-demand of controlled oil pump, differential with optimise with reduced rolling resist	ator, ECO PRO mode with ntweight construction, operation of ancillary units, ad warm-up behaviour, tyres ance
BMW Efficient BMW Efficient Features include Features include Fuel consump with standard w 7J x 17" rims ar Urban	aynamics ed as standard Ition (EU) ^a) heels and tyres: 6 nd 205/50 R17 tyr I	Brake (EP: opti map-c 5.5J x 16" rims a res (BMW 125i) /100 km	S), Auto Start Stop function, gear shift indica coasting function (automatic), intelligent ligh mised aerodynamic attributes, on-demand of controlled oil pump, differential with optimise with reduced rolling resist. and 195/55 R16 tyres (BMW 120i), 7.6 (7.0)	ator, ECO PRO mode with ntweight construction, operation of ancillary units, ad warm-up behaviour, tyres ance
BMW Efficient BMW Efficient Features include Features include Fuel consump with standard w 7J x 17" rims ar Urban Extra-urban	aynamics ed as standard htion (EU) ³⁾ heels and tyres: 6 nd 205/50 R17 tyr I	Brake (EP: opti map-c 5.5J x 16" rims a res (BMW 125i) /100 km /100 km	S), Auto Start Stop function, gear shift indica coasting function (automatic), intelligent ligh mised aerodynamic attributes, on-demand of controlled oil pump, differential with optimise with reduced rolling resist. and 195/55 R16 tyres (BMW 120i), 7.6 (7.0) 4.7 (4.7)	ator, ECO PRO mode with tweight construction, operation of ancillary units, ad warm-up behaviour, tyres ance 7. 4.
BMW Efficient BMW Efficient Features include Features include Fuel consump with standard w 7J x 17" rims ar Urban Extra-urban Total	aynamics ed as standard htion (EU) ³⁾ heels and tyres: 6 nd 205/50 R17 tyr I	Brake (EP: .5J x 16" rims a es (BMW 125i) /100 km /100 km	S), Auto Start Stop function, gear shift indica coasting function (automatic), intelligent ligh mised aerodynamic attributes, on-demand of controlled oil pump, differential with optimise with reduced rolling resista and 195/55 R16 tyres (BMW 120i), 7.6 (7.0) 4.7 (4.7) 5.7 (5.5)	ator, ECO PRO mode with ntweight construction, operation of ancillary units, ad warm-up behaviour, tyres ance 7.: 4. 5.
BMW Efficient BMW Efficient Features include Features include Fuel consump with standard w 7J x 17" rims ar Urban Extra-urban Total CO2 emissions with 7J x 17" rir	aynamics ed as standard htion (EU) ³⁾ heels and tyres: 6 nd 205/50 R17 tyr I I I I I I I I I I I I I I I I I I I	Brake (EPS opti map-c 3.5J x 16" rims a res (BMW 125i) /100 km /100 km /100 km /100 km /100 km /100 km	S), Auto Start Stop function, gear shift indica coasting function (automatic), intelligent ligh mised aerodynamic attributes, on-demand of controlled oil pump, differential with optimise with reduced rolling resists and 195/55 R16 tyres (BMW 120i), 7.6 (7.0) 4.7 (4.7) 5.7 (5.5) 131 (126) 120i), with 7.5J x 17 rims and 225/45 R 17 t	tor, ECO PRO mode with tweight construction, operation of ancillary units, ad warm-up behaviour, tyres ance 7. 4. 5. 13. yres,
BMW Efficient BMW Efficient Features include Features include Fuel consump with standard w 7J x 17" rims ar Urban Extra-urban Total CO ₂ emissions with 7J x 17" rir with 7.5J x 17"	aynamics ed as standard btion (EU) ³⁾ heels and tyres: 6 ind 205/50 R17 tyr I I I I I I I I I I I I I I I I I I I	Brake (EPS opti map-c 5.5J x 16" rims a res (BMW 125i) /100 km /100 km /100 km /100 km /100 km /100 km /17 tyres (BMW 7 7" rear rims and	S), Auto Start Stop function, gear shift indica coasting function (automatic), intelligent ligh mised aerodynamic attributes, on-demand of controlled oil pump, differential with optimise with reduced rolling resists and 195/55 R16 tyres (BMW 120i), 7.6 (7.0) 4.7 (4.7) 5.7 (5.5) 131 (126) 120i), with 7.5J x 17 rims and 225/45 R 17 t 225/45 R17 front tyres, 245/40 R17 rear ty	ator, ECO PRO mode with htweight construction, operation of ancillary units, ad warm-up behaviour, tyres ance 7. 4. 5. 13 yres, res
BMW Efficient BMW Efficient Features include Features include Fuel consump with standard w 7J x 17" rims ar Urban Extra-urban Total CO ₂ emissions with 7J x 17" rir with 7.5J x 17"	aynamics ed as standard htion (EU) ³⁾ heels and tyres: 6 nd 205/50 R17 tyr I I ns and 205/50 R1 front rims, 8J x 17	Brake (EPS opti map-c 5.5J x 16" rims a res (BMW 125i) /100 km /100 km /100 km /100 km /100 km 17 tyres (BMW 7 7" rear rims and /100 km	S), Auto Start Stop function, gear shift indica coasting function (automatic), intelligent ligh mised aerodynamic attributes, on-demand of controlled oil pump, differential with optimise with reduced rolling resists and 195/55 R16 tyres (BMW 120i), 7.6 (7.0) 4.7 (4.7) 5.7 (5.5) 131 (126) 120i), with 7.5J x 17 rims and 225/45 R 17 t 225/45 R17 front tyres, 245/40 R17 rear ty 8.0 (7.4)	ator, ECO PRO mode with htweight construction, operation of ancillary units, ad warm-up behaviour, tyres ance 7. 4. 5. 13 yres, res 7.
BMW Efficient BMW Efficient Features include Features include Features include Fuel consump with standard w 7J x 17" rims ar Urban Extra-urban Total CO ₂ emissions with 7J x 17" rim with 7.5J x 17" Urban Extra-urban	aynamics ed as standard htion (EU) ³⁾ heels and tyres: 6 hd 205/50 R17 tyr I I ns and 205/50 R1 front rims, 8J x 17 I	Brake (EPS opti map-c 3.5J x 16" rims a res (BMW 125i) /100 km /100 km /100 km /100 km 17 tyres (BMW ' 7" rear rims and /100 km /100 km	S), Auto Start Stop function, gear shift indica coasting function (automatic), intelligent ligh mised aerodynamic attributes, on-demand of controlled oil pump, differential with optimise with reduced rolling resists and 195/55 R16 tyres (BMW 120i), 7.6 (7.0) 4.7 (4.7) 5.7 (5.5) 131 (126) 120i), with 7.5J x 17 rims and 225/45 R 17 t 225/45 R17 front tyres, 245/40 R17 rear ty 8.0 (7.4) 4.9 (4.9)	tor, ECO PRO mode with tweight construction, operation of ancillary units, ad warm-up behaviour, tyres ance 7. 4. 5. 13 yres, res 7. 5.
BMW Efficient BMW Efficient Features include Features include Features include Fuel consump with standard w 7J x 17" rims ar Urban Extra-urban Total CO ₂ emissions with 7J x 17" rim with 7.5J x 17" Urban Extra-urban Total	aynamics ed as standard htion (EU) ³⁾ heels and tyres: 6 hd 205/50 R17 tyr I I ns and 205/50 R1 front rims, 8J x 17 I	Brake (EP: opti map-o 5.5J x 16" rims a res (BMW 125i) /100 km /100 km g/km 17 tyres (BMW 7 "" rear rims and /100 km /100 km /100 km	S), Auto Start Stop function, gear shift indica coasting function (automatic), intelligent ligh mised aerodynamic attributes, on-demand of controlled oil pump, differential with optimise with reduced rolling resists and 195/55 R16 tyres (BMW 120i), 7.6 (7.0) 4.7 (4.7) 5.7 (5.5) 131 (126) 120i), with 7.5J x 17 rims and 225/45 R 17 to 225/45 R17 front tyres, 245/40 R17 rear ty 8.0 (7.4) 4.9 (4.9) 6.0 (5.8)	tor, ECO PRO mode with tweight construction, operation of ancillary units, ad warm-up behaviour, tyres ance 7. 4. 5. 13 yres, res 7. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5
BMW Efficient BMW Efficient Features include Features include Features include Features include Fuel consump with standard w 7J x 17" rims ar Urban Extra-urban Total CO ₂ emissions	Ation (EU) ³⁾ heels and tyres: 6 hd 205/50 R17 tyr I ns and 205/50 R1 front rims, 8J x 17 I I	Brake (EP: opti map-o 5.5J x 16" rims a res (BMW 125i) /100 km /100 km /100 km /100 km /100 km /100 km /100 km	S), Auto Start Stop function, gear shift indica coasting function (automatic), intelligent ligh mised aerodynamic attributes, on-demand of controlled oil pump, differential with optimise with reduced rolling resists and 195/55 R16 tyres (BMW 120i), 7.6 (7.0) 4.7 (4.7) 5.7 (5.5) 131 (126) 120i), with 7.5J x 17 rims and 225/45 R 17 t 225/45 R17 front tyres, 245/40 R17 rear ty 8.0 (7.4) 4.9 (4.9) 6.0 (5.8) 138 (133)	tor, ECO PRO mode with ntweight construction, operation of ancillary units, ad warm-up behaviour, tyres ance 7. 4. 5. 13 yres, res 7. 5. 13 13 13 13 13
BMW Efficient BMW Efficient Features include Features include Features include Features include Full consump with standard w 7J x 17" rims ar Urban Extra-urban Total CO ₂ emissions with 7.5J x 18"	Ation (EU) ³⁾ heels and tyres: 6 hd 205/50 R17 tyr front rims, 8J x 17 i front rims, 8J x 18	Brake (EP: opti map-o 5.5J x 16" rims a res (BMW 125i) /100 km /100 km /100 km /100 km /100 km /100 km /100 km /100 km	S), Auto Start Stop function, gear shift indica coasting function (automatic), intelligent ligh mised aerodynamic attributes, on-demand of controlled oil pump, differential with optimise with reduced rolling resist. and 195/55 R16 tyres (BMW 120i), 7.6 (7.0) 4.7 (4.7) 5.7 (5.5) 1311 (126) 120i), with 7.5J x 17 rims and 225/45 R 17 t 225/45 R17 front tyres, 245/40 R17 rear ty 8.0 (7.4) 4.9 (4.9) 6.0 (5.8) 138 (133) 225/40 R18 front tyres, 245/35 R18 rear ty	tor, ECO PRO mode with tweight construction, operation of ancillary units, ad warm-up behaviour, tyres ance 7. 4. 5. 13 yres, res 7. 5. 13 res and with winter tyres
BMW Efficient BMW Efficient Features include Features include Features include Teatures include Teatures include With standard w 7J x 17" rims ar Urban Extra-urban Total CO₂ emissions with 7J x 17" rim with 7.5J x 17" Urban CO₂ emissions with 7.5J x 18"	Ation (EU) ³⁾ heels and tyres: 6 nd 205/50 R17 tyr front rims, 8J x 17 i front rims, 8J x 18 i front rims, 8J x 18 i front rims, 8J x 18	Brake (EP: opti map-o 3.5J x 16" rims a res (BMW 125i) /100 km /100 km /100 km /100 km /100 km /100 km /100 km /100 km /100 km /100 km	S), Auto Start Stop function, gear shift indica coasting function (automatic), intelligent ligh mised aerodynamic attributes, on-demand of controlled oil pump, differential with optimise with reduced rolling resist. and 195/55 R16 tyres (BMW 120i), 7.6 (7.0) 4.7 (4.7) 5.7 (5.5) 131 (126) 120i), with 7.5J x 17 rims and 225/45 R 17 t 225/45 R17 front tyres, 245/40 R17 rear ty 8.0 (7.4) 4.9 (4.9) 6.0 (5.8) 138 (133) 225/40 R18 front tyres, 245/35 R18 rear ty 8.1 (7.4)	ator, ECO PRO mode with ntweight construction, operation of ancillary units, ad warm-up behaviour, tyres ance 7. 4. 5. 13 yres, res 7. 5. 13 res and with winter tyres 7. 5. 13
BMW Efficient BMW Efficient Features include Features include Features include Total CO ₂ emissions with 7J x 17" rim with 7J x 17" rim Satra-urban	hynamics ed as standard heels and tyres: 6 nd 205/50 R17 tyr ins and 205/50 R1 front rims, 8J x 17 ins front rims, 8J x 18 ing front rims, 8J x 18 ing front rims, 8J x 18 ing	Brake (EP: opti map-o 5.5J x 16" rims a res (BMW 125i) /100 km /100 km /100 km /100 km /100 km /100 km /100 km /100 km /100 km /100 km	S), Auto Start Stop function, gear shift indica coasting function (automatic), intelligent ligh mised aerodynamic attributes, on-demand of controlled oil pump, differential with optimise with reduced rolling resist. and 195/55 R16 tyres (BMW 120i), 7.6 (7.0) 4.7 (4.7) 5.7 (5.5) 131 (126) 120i), with 7.5J x 17 rims and 225/45 R 17 t 225/45 R17 front tyres, 245/40 R17 rear ty 8.0 (7.4) 4.9 (4.9) 6.0 (5.8) 138 (133) 225/40 R18 front tyres, 245/35 R18 rear ty 8.1 (7.4) 5.0 (5.0)	tor, ECO PRO mode with ntweight construction, operation of ancillary units, ad warm-up behaviour, tyres ance 7. 4. 5. 13 yres, res 7. 5. 5. 13 res and with winter tyres 7. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5
BMW Efficient BMW Efficient Features include Features include Features include Total CO₂ emissions with 7J x 17" rim with 7J x 17" rim with 7.5J x 17" Urban Extra-urban Total CO₂ emissions with 7.5J x 18" Urban Extra-urban Total CO₂ emissions with 7.5J x 18"	hynamics ed as standard heels and tyres: 6 nd 205/50 R17 tyr ins and 205/50 R1 front rims, 8J x 17 ins front rims, 8J x 18 ing front rims, 8J x 18 ing front rims, 8J x 18 ing	Brake (EP: opti map-o 5.5J x 16" rims a res (BMW 125i) /100 km /100 km	S), Auto Start Stop function, gear shift indica coasting function (automatic), intelligent ligh mised aerodynamic attributes, on-demand of controlled oil pump, differential with optimise with reduced rolling resist. and 195/55 R16 tyres (BMW 120i), 7.6 (7.0) 4.7 (4.7) 5.7 (5.5) 131 (126) 120i), with 7.5J x 17 rims and 225/45 R 17 t 225/45 R17 front tyres, 245/40 R17 rear ty 8.0 (7.4) 4.9 (4.9) 6.0 (5.8) 138 (133) 225/40 R18 front tyres, 245/35 R18 rear ty 8.1 (7.4) 5.0 (5.0) 6.1 (5.9)	tor, ECO PRO mode with ntweight construction, operation of ancillary units, ad warm-up behaviour, tyres ance 7 4 5 13 yres, res 7 5 13 res and with winter tyres 7 5
BMW Efficient BMW Efficient Features include Features include Features include Total CO₂ emissions with 7J x 17" rim with 7J x 17" rim with 7J x 17" rim with 7J x 17" rim With 7.5J x 17" Urban Extra-urban CO₂ emissions with 7.5J x 18" Urban Extra-urban	aynamics ed as standard heels and tyres: 6 ad 205/50 R17 tyr i front rims, 8J x 17 front rims, 8J x 18 front rims, 8J x 18 i i i i i i i i i i i i i i i i i i i	Brake (EP: opti map-o 5.5J x 16" rims a res (BMW 125i) /100 km /100 km /100 km /100 km /100 km /100 km /100 km /100 km /100 km /100 km	S), Auto Start Stop function, gear shift indica coasting function (automatic), intelligent ligh mised aerodynamic attributes, on-demand of controlled oil pump, differential with optimise with reduced rolling resist. and 195/55 R16 tyres (BMW 120i), 7.6 (7.0) 4.7 (4.7) 5.7 (5.5) 131 (126) 120i), with 7.5J x 17 rims and 225/45 R 17 t 225/45 R17 front tyres, 245/40 R17 rear ty 8.0 (7.4) 4.9 (4.9) 6.0 (5.8) 138 (133) 225/40 R18 front tyres, 245/35 R18 rear ty 8.1 (7.4) 5.0 (5.0)	tor, ECO PRO mode with ntweight construction, operation of ancillary units, ad warm-up behaviour, tyres ance 7.2 4.9 5.3 130 yres, res 7.4 5.3 130 yres, res 7.4 5.3 130 130 130 130 130 130 130 13

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

¹⁾ Height including roof aerial
 ²⁾ Oil change volume
 ³⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format

Information

5/2017 Page 27

Valid from 7/2017

The BMW 1 Series 5-door. M140i.

		BMW M140i 5-door	
Body			
No. of doors/seats		5/5	
Length/width/height ¹⁾ (unladen)	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	
		(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%) braked/unbraked	kg	-/-	
Max. roof load/towbar download	kg	757-	
Luggage comp. capacity	ltr	360 – 1200	
Air 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, High Precision Direct Injection, fully variable valve control (VALVETRONIC) and double-VANOS variable camshaft control	
Effective capacity	CC	2998	
Stroke/bore	mm	94.6 / 82.0	
Compression ratio	:1	11.0	
Fuel grade		min. RON 91	
Output	kW/hp	250/340	
at	rpm	5500	
Torque	Nm	500	
at	rpm	1520 – 4500	
Electrical System			
Battery/Installation	Ah/-	80 / luggage comp.	
Driving Dynamics and Safety	1		
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	
<u>.</u>	(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),	
Steering ratio averall	. 4	variable sport steering	
Steering ratio, overall	:1	14.5	
Tyres, front/rear		225/40 R18 88Y/ 245/25 D 18 02V XI	
		245/35 R 18 92Y XL	
Rims, front/rear		7.5J x 18 light-alloy/	

Media Information

5/2017 Page 28

Valid from

7/2017

			BMW M140i 5-door
Transmission			
Type of gearbox	x		8-speed Steptronic Sport transmission
Gear ratios	1	:1	5.000
		:1	3.200
		: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-weigh	nt ratio (DIN)	kg/kW	5.9
Output per litre	· ·	kW/ltr	83.4
Acceleration	0–100 km/h	S	4.6
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, 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	9.4	
Extra-urban	ltr/100 km	5.8	
Combined	ltr/100 km	7.1	
CO ₂	g/km	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

BMW Media

Information

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
_ength/width/height ¹⁾ (unladen)	mm	4324 / 1765 / 1411
Wheelbase	mm	2690
Track, front/rear	mm	1516 / 1534
Ground clearance	mm	130
Turning circle	m	11.3
Tank capacity	approx. ltr	52
Engine oil 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
Vax. trailer load (12%)	kg	10-071120
praked/unbraked	Ng	_/_
Max. roof load/towbar download	kg	75/-
_uggage comp. capacity	ltr	360 – 1200
Air resistance	C _d x A	0.35 x 2.14
	Ouxire	0.00 / 2.111
Engine		
Config./No. of cyls./valves		in-line / 6 / 4
Engine technology		M Performance TwinPower Turbo technology with twin-scroll turbocharger,
		High Precision Direct Injection, fully variable valve control (VALVETRONIC)
		and double-VANOS variable camshaft control
Effective capacity	CC	2998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
-uel grade		min. RON 91
Output	kW/hp	250/340
at	rpm	5500
Torque	Nm	500
at	rpm	1520 - 4500
		1020 1000
Electrical System		
Battery/Installation	Ah/-	80 / luggage comp.
,,	,	
Driving Dynamics and Safety	/	
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 functior
		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),
Stooring		variable sport steering
Steering ratio, overall	:1	14.6
Tvres, front/rear	.1	225/40 R18 88Y/
ryrea, irunnieai		
Rims, front/rear		245/35 R 18 92Y XL
INITIO, ITUTIVIE al		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			
Type of gearbox			8-speed Steptronic Sport transmission
Gear ratios	I	:1	5.000
		:1	3.200
		:1	2.143
	IV	:1	1.720
	V	:1	1.314
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.456
Final drive		:1	2.813
Performance			
Power-to-weight ı	ratio (DIN)	kg/kW	6.2
Output per litre		kW/ltr	83.4
Acceleration	0–100 km/h	S	4.4
in 5th gear	80–120 km/h	S	-
Top speed		km/h	250

BMW EfficientDynamics

BMW EfficientDynamics,

standard features

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

Fuel consumption E	U		
Urban	ltr/100 km	9.8	
Extra-urban	ltr/100 km	6.0	
Combined	ltr/100 km	7.4	
CO 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

Information

5/2017 Page 31

Valid from 7/2017

Tyres, front/rear

Rims, front/rear

		BMW 116d 5-door		
Body				
No. of doors/seats		5/5		
Length/width/height ¹⁾ (unladen)				
Wheelbase	mm	<u> </u>		
Track, front/rear	mm	1535 / 1569		
Ground clearance	mm	133571569		
Turning circle	mm m	140		
Fuel tank capacity	approx.	52		
	ltr	32		
Cooling system incl. heater	ltr	7.0		
Engine oil ²⁾	ltr	4.4		
Weight, unladen, to DIN/EU	kg	1320 / 1395		
3,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	g	(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%)	kg			
oraked/unbraked		1500 / 690		
Vlax. roof load/max towbar download	kg	75775		
_uggage comp. capacity	ltr	360 – 1200		
Air resistance	C _d x A	0.30 x 2.14		
Power Unit				
Config./No. of cyls./valves		in-line / 3 / 4		
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet		
6 6		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		
Vax 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		
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking		
Safety equipment		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		
Steering		Electric Power Steering (EPS),		
Stooring ratio overall	.1	optional: Servotronic function, variable sport steering		
Steering ratio, overall	:1	15.0		

195/55 R16 87H

6.5J x 16 steel

The BMW 1 Series 5-door. 116d.

Media Information

5/2017 Page 32

Valid from

7/2017

			BMW 116d 5-door	
Transmission	1			
Type of transm	nission		6-speed manual (optional: 8-speed Steptronic transmission)	
Gear ratios	l	:1	4.002 (4.714)	
	I	: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		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		km/h	200 (200)	
BMW Efficien	ntDynamics			
BMW Efficient	Dynamics		Brake Energy Regeneration with recuperation display,	
standard featur	res	Eleo	Electric Power Steering (EPS), Auto Start Stop function, Optimum Gear	

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

EU ³⁾		
ms 7J x 16 and tyres 205/55 R16 as w	ell as winter tyres	
ltr/100 km	4.3 (4.1)	
ltr/100 km	3.3 (3.4)	
ltr/100 km	3.7 (3.6)	
g/km	97 (96)	
tyres 205/50 R17, with rims 7.5J x 17	and tyres 225/45 R 17,	
ont, 8J x 17 rear and tyres 225/45 R17	front, 245/40 R17 rear	
ltr/100 km	4.7 (4.4)	
ltr/100 km	3.6 (3.6)	
ltr/100 km	4.0 (3.9)	
g/km	104 (103)	
ont, 8J x 18 rear and tyres 225/40 R18	front, 245/35 R18 rear	
ltr/100 km	4.8 (4.6)	
ltr/100 km	3.7 (3.8)	
ltr/100 km	4.1 (4.1)	
g/km	107 (107)	
	EU6	
	ms 7J x 16 and tyres 205/55 R16 as w ltr/100 km ltr/100 km g/km tyres 205/50 R17, with rims 7.5J x 17 nt, 8J x 17 rear and tyres 225/45 R17 ltr/100 km ltr/100 km g/km ont, 8J x 18 rear and tyres 225/40 R18 ltr/100 km ltr/100 km ltr/100 km ltr/100 km	ms 7J x 16 and tyres 205/55 R16 as well as winter tyres Itr/100 km 4.3 (4.1) Itr/100 km 3.3 (3.4) Itr/100 km 3.7 (3.6) g/km 97 (96) tyres 205/50 R17, with rims 7.5J x 17 and tyres 225/45 R 17, nt, 8J x 17 rear and tyres 225/45 R17 front, 245/40 R17 rear Itr/100 km 4.7 (4.4) Itr/100 km 3.6 (3.6) g/km 104 (103) ont, 8J x 18 rear and tyres 225/40 R18 front, 245/35 R18 rear Itr/100 km 4.8 (4.6) Itr/100 km 3.7 (3.8) Itr/100 km 4.1 (4.1) g/km 107 (107)

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 CO₂ emission figures depend on the selected tyre format

BMW Media

Information

5/2017 Page 33

Valid from 7/2017

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

		BMW 116d EfficientDynamics Edition 5-door
Dedu		
Body		<u> </u>
No. of doors/seats Length/width/height ¹⁾ (unladen)		5/5
Wheelbase	mm	4329 / 1765 / 1413
	mm	2690
Track, front/rear	mm	1523 / 1558
Ground clearance	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		1320 / 1395
Max. load to DIN	kg	565
Max. permissible weight	kg	1885
Max. axle load, front/rear	kg	
Max. trailer load (12%)	kg	855 / 1090
braked/unbraked	kg	-/-
Max. roof load/max towbar download	kg	757-
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	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
Driving stability systems		
		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking
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
Safety equipment		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking
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,
		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
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.
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
Steering Steering ratio, overall		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 15.0
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

Media Information

5/2017 Page 34

Valid from

7/2017

			BMW 116d EfficientDynamics Edition 5-door
Transmissio	n		
Type of transn	nission		6-speed manual
Gear ratios	I	:1	4.002
		:1	2.109
		: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-weig	ght ratio (DIN)	kg/kW	15.5
Output per litre	e	kW/ltr	56.8
Acceleration	0–100 km/h	S	10.4
in 5th gear	80–120 km/h	S	12.9

BMW EfficientDynamics

BMW EfficientDynamics standard features

Top speed

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

195

Fuel Consumption	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 1	7 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 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	ont, 8J x 18 rear and tyres 225/40 R1	8 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)

km/h

¹⁾ Height with roof fin: 1432 mm
 ²⁾ Oil change
 ³⁾ Fuel consumption and CO₂ emission figures depend on the selected tyre format

Media Information

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)		4329 / 1765 / 1421	4329 / 1765 / 1421			
Wheelbase	mm					
	mm	2690	2690			
Track, front/rear	mm	1535 / 1569	1522 / 1556			
Ground clearance	mm	140	140			
Turning circle	m	10.9	11.3			
Fuel tank capacity	approx. Itr	52	52			
Cooling system incl. heater	ltr	7.0	7.0			
Engine oil 2)	ltr	5.0	5.0			
Weight, unladen, to DIN/EU	kg	1350 / 1425	1430 / 1505			
		(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%) braked/unbraked	kg	1500/690	1500 / 710			
Max. roof load/max towbar	kg	75/75	75/75			
download						
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	BMV	V TwinPower Turbo technology: turboch	-			
	common rail direct injection with solenoid valve injectors,					
		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	rpm	4000	4000			
Max torque	Nm	320	320			
at	rpm	1500 – 3000	1500 – 3000			
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 s				
Suspension, rear	Fi	ve-link axle in lightweight steel construct				
Brakes, front		Single-piston floating-calli	per disc brakes			
Brakes, rear		Single-piston floating-calli	per 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; BMW 118d xDrive: 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), optional: Servotronic function, variable sport steering				
Steering						
5	:1	optional: Servotronic function, v	ariable sport steering			
Steering Steering ratio, overall Tyres, front/rear	:1					

BMW 118d 5-door

BMW 118d xDrive 5-door

Media Information

5/2017 Page 36

Valid from 7/2017

			BMW 118d 5-door	BMW 118d xDrive 5-doo
Transmission				
Type of transmi	ission	6-sp	eed manual (optional: 8-speed	6-speed manu
51			Steptronic transmission)	
Gear ratios		:1	4.002 (5.000)	4.11
		:1	2.109 (3.200)	2.24
		:1	1.396 (2.143)	1.40
	IV	:1	1.000 (1.720)	1.00
	V	:1	0.781 (1.314)	0.80
	VI	:1	0.668 (1.000)	0.65
	VII	:1	- (0.822)	
	VIII	:1	- (0.640)	
	R	:1	3.647 (3.456)	3.72
Final drive		:1	3.077 (2.647)	3.15
				0110
Performance	at ratio (DINI)	1	100(105)	10
Power-to-weigh Output per litre		kg/kW	12.3 (12.5)	13.
Acceleration	0.100 lune /h	kW/ltr	55.1	55
	0–100 km/h	S	8.3 (8.1)	8
in 5th gear	80–120 km/h	S	9.2 (-)	9
Top speed		km/h	212 (212)	21
BMW Efficient BMW Efficient standard feature	Dynamics	Indica lighty	Brake Energy Regeneration with Power Steering (EPS), Auto Start S ator, ECO PRO mode with coasting weight construction, optimised aeroo	top function, Optimum Gearshift function (automatic), intelligent lynamic attributes, on-demand
BMW EfficientD	Dynamics	Indic lightv ope	Power Steering (EPS), Auto Start S ator, ECO PRO mode with coasting	top function, Optimum Gearshift function (automatic), intelligent lynamic attributes, on-demand lled oil pump, differential with nd weight-optimised transfer cas
BMW EfficientE standard feature	Dynamics es	Indic lightv ope	Power Steering (EPS), Auto Start S ator, ECO PRO mode with coasting weight construction, optimised aeroc eration of ancillary units, map-contro ed warm-up behaviour, efficiency- ar	top function, Optimum Gearshift function (automatic), intelligent lynamic attributes, on-demand lled oil pump, differential with nd weight-optimised transfer cas
BMW EfficientD	Dynamics es ption EU 3)	Indic lightv ope	Power Steering (EPS), Auto Start S ator, ECO PRO mode with coasting weight construction, optimised aeroc eration of ancillary units, map-contro ed warm-up behaviour, efficiency- ar	top function, Optimum Gearshift function (automatic), intelligent lynamic attributes, on-demand lled oil pump, differential with nd weight-optimised transfer cas
BMW EfficientE standard feature Fuel Consumj	Dynamics es ption EU ³⁾ yres	Indic lightv ope	: Power Steering (EPS), Auto Start S ator, ECO PRO mode with coasting weight construction, optimised aeroc eration of ancillary units, map-contro ed warm-up behaviour, efficiency- ar (BMW 118d xDrive), tyres with rea	top function, Optimum Gearshift function (automatic), intelligent lynamic attributes, on-demand lled oil pump, differential with nd weight-optimised transfer cas
BMW Efficient standard feature Fuel Consum With standard ty Urban	Dynamics es ption EU ³⁾ yres	Indic: lightv optimise ptimise tr/100 km	: Power Steering (EPS), Auto Start S ator, ECO PRO mode with coasting weight construction, optimised aeroo eration of ancillary units, map-contro ed warm-up behaviour, efficiency- ar (BMW 118d xDrive), tyres with re- (BMW 118d xDrive), tyres with re- 4.8 (4.5)	Stop function, Optimum Gearshift function (automatic), intelligent dynamic attributes, on-demand led oil pump, differential with ad weight-optimised transfer cas duced rolling resistance
BMW Efficient standard feature Fuel Consum With standard ty Urban Extra-urban	Dynamics es ption EU 3) yres li li	Indic lightv optimise tr/100 km tr/100 km	2 Power Steering (EPS), Auto Start S ator, ECO PRO mode with coasting weight construction, optimised aeroo eration of ancillary units, map-contro ed warm-up behaviour, efficiency- ar (BMW 118d xDrive), tyres with rea 4.8 (4.5) 3.5 (3.4)	Stop function, Optimum Gearshift function (automatic), intelligent dynamic attributes, on-demand led oil pump, differential with nd weight-optimised transfer cas duced rolling resistance
BMW EfficientE standard feature Fuel Consum With standard t Urban Extra-urban Combined	Dynamics es ption EU 3) yres li li	Indic. lightv optimise tr/100 km tr/100 km tr/100 km	2 Power Steering (EPS), Auto Start S ator, ECO PRO mode with coasting weight construction, optimised aeroc pration of ancillary units, map-contro ed warm-up behaviour, efficiency- ar (BMW 118d xDrive), tyres with res (BMW 118d xDrive), tyres with res 4.8 (4.5) 3.5 (3.4) 4.0 (3.8)	Stop function, Optimum Gearshift function (automatic), intelligent dynamic attributes, on-demand led oil pump, differential with nd weight-optimised transfer cas duced rolling resistance 5 3 4
BMW Efficient standard feature Fuel Consum With standard ty Urban Extra-urban Combined CO2	Dynamics es ption EU 3) yres 	Indic: lightv optimise tr/100 km tr/100 km tr/100 km g/km	2 Power Steering (EPS), Auto Start S ator, ECO PRO mode with coasting weight construction, optimised aeroc pration of ancillary units, map-contro ed warm-up behaviour, efficiency- ar (BMW 118d xDrive), tyres with re- (BMW 118d xDrive), tyres wi	itop function, Optimum Gearshift function (automatic), intelligent dynamic attributes, on-demand led oil pump, differential with nd weight-optimised transfer cas duced rolling resistance 5 3 4 11
BMW EfficientE standard feature Fuel Consum With standard ty Urban Extra-urban Combined CO ₂ With rims 7J x 1	Dynamics es ption EU 3) yres 	Indic: lightv optimise tr/100 km tr/100 km tr/100 km g/km 5 R16 (BMW 118	2 Power Steering (EPS), Auto Start S ator, ECO PRO mode with coasting weight construction, optimised aeroc eration of ancillary units, map-contro ed warm-up behaviour, efficiency- ar (BMW 118d xDrive), tyres with re- (BMW 118d xDrive), tyres wi	itop function, Optimum Gearshif function (automatic), intelligent dynamic attributes, on-demand led oil pump, differential with nd weight-optimised transfer cas duced rolling resistance 5 3 4 1
BMW Efficient standard feature Fuel Consum With standard ty Urban Extra-urban Combined CO ₂ With rims 7J x 1 with rims 7.5J x	Dynamics es ption EU ³⁾ yres li l6 and tyres 205/5 ; 17 and tyres 225/	Indic: lightv optimise tr/100 km tr/100 km tr/100 km g/km 5 R16 (BMW 118 45 R 17 as well as	2 Power Steering (EPS), Auto Start S ator, ECO PRO mode with coasting veight construction, optimised aeroc eration of ancillary units, map-contro ed warm-up behaviour, efficiency- ar (BMW 118d xDrive), tyres with re- (BMW 118d xDrive), tyres wi	itop function, Optimum Gearshif function (automatic), intelligent dynamic attributes, on-demand led oil pump, differential with nd weight-optimised transfer cas duced rolling resistance 5 3 4 1
BMW EfficientE standard feature standard feature With standard ty Urban Extra-urban Combined CO ₂ With rims 7J x 1 with rims 7J.5J x with rims 7.5J x	Dynamics es ption EU ³⁾ yres li l6 and tyres 205/5 17 and tyres 225/5 17 front, 8J x 17 r	Indic lightv optimise tr/100 km tr/100 km tr/100 km g/km 5 R16 (BMW 118 45 R 17 as well as rear and tyres 225	2 Power Steering (EPS), Auto Start S ator, ECO PRO mode with coasting veight construction, optimised aeroc eration of ancillary units, map-contro ed warm-up behaviour, efficiency- ar (BMW 118d xDrive), tyres with re- (BMW 118d xDrive), tyres wi	itop function, Optimum Gearshif function (automatic), intelligent lynamic attributes, on-demand led oil pump, differential with nd weight-optimised transfer cas duced rolling resistance 5 5 3 4 11 i0 R17,
BMW Efficient standard feature standard feature With standard ty Urban CO2 With rims 7J x 1 with rims 7.5J x with rims 7.5J x Urban	Dynamics es ption EU ³⁾ yres 16 and tyres 205/5 17 and tyres 225/5 17 front, 8J x 17 r	Indic: lightv optimise optimise tr/100 km tr/100 km g/km 5 R16 (BMW 118 45 R 17 as well as rear and tyres 225 tr/100 km	2 Power Steering (EPS), Auto Start S ator, ECO PRO mode with coasting veight construction, optimised aeroc eration of ancillary units, map-contro ed warm-up behaviour, efficiency- ar (BMW 118d xDrive), tyres with re- (BMW 118d xDrive), tyres wi	itop function, Optimum Gearshift function (automatic), intelligent lynamic attributes, on-demand led oil pump, differential with id weight-optimised transfer cas duced rolling resistance 5 5 3 4 11 50 R17, 5
BMW Efficient standard feature standard feature With standard ty Urban Combined CO ₂ With rims 7J x 1 with rims 7.5J x with rims 7.5J x Urban Extra-urban	Dynamics es ption EU ³⁾ yres 16 and tyres 205/5 17 and tyres 225/5 17 front, 8J x 17 r 1	Indic lightv optimise optimise tr/100 km tr/100 km g/km 5 R16 (BMW 118 45 R 17 as well as rear and tyres 225 tr/100 km tr/100 km	2 Power Steering (EPS), Auto Start S ator, ECO PRO mode with coasting weight construction, optimised aeroc eration of ancillary units, map-contro ed warm-up behaviour, efficiency- ar (BMW 118d xDrive), tyres with ren (BMW 118d xDrive), tyres with ren 4.8 (4.5) 3.5 (3.4) 4.0 (3.8) 109 (99) d), with rims 7J x 17 and tyres 205/5 is winter tyres, /45 R17 front, 245/40 R17 rear 5.0 (4.7) 3.6 (3.6)	itop function, Optimum Gearshift function (automatic), intelligent lynamic attributes, on-demand led oil pump, differential with id weight-optimised transfer cas duced rolling resistance 5 5 3 4 50 R17, 5 4
BMW Efficient standard feature standard feature with standard ty Urban Extra-urban Combined CO ₂ With rims 7J x 1 with rims 7.5J x With rims 7.5J x Urban Extra-urban Combined	Dynamics es ption EU ³⁾ yres 16 and tyres 205/5 17 and tyres 225/5 17 front, 8J x 17 r 1	Indic lightv optimise optimise tr/100 km tr/100 km g/km 5 R16 (BMW 118 45 R 17 as well as rear and tyres 225 tr/100 km tr/100 km tr/100 km	2 Power Steering (EPS), Auto Start S ator, ECO PRO mode with coasting weight construction, optimised aeroc eration of ancillary units, map-contro ed warm-up behaviour, efficiency- ar (BMW 118d xDrive), tyres with res (BMW 118d xDrive), tyres (BMW 118d xDri	itop function, Optimum Gearshif function (automatic), intelligent lynamic attributes, on-demand led oil pump, differential with id weight-optimised transfer cas duced rolling resistance 5 5 5 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
BMW Efficient standard feature standard feature with standard ty Urban Combined CO2 With rims 7J x 1 with rims 7J x 2 with rims 7J x 3 with rims 7.5J x Urban Extra-urban Combined CO2	Dynamics es ption EU ³) yres 16 and tyres 205/5 17 and tyres 225/ 17 front, 8J x 17 r 1 1	Indic: lightv optimise optimise tr/100 km tr/100 km g/km 5 R16 (BMW 118 45 R 17 as well as rear and tyres 225 tr/100 km tr/100 km tr/100 km	: Power Steering (EPS), Auto Start S ator, ECO PRO mode with coasting weight construction, optimised aeroc reation of ancillary units, map-contro ed warm-up behaviour, efficiency- ar (BMW 118d xDrive), tyres with rea 4.8 (4.5) 3.5 (3.4) 4.0 (3.8) 109 (99) d), with rims 7J x 17 and tyres 205/5 s winter tyres, /45 R17 front, 245/40 R17 rear 5.0 (4.7) 3.6 (3.6) 4.1 (4.0) 109 (105)	itop function, Optimum Gearshif function (automatic), intelligent lynamic attributes, on-demand led oil pump, differential with id weight-optimised transfer cas duced rolling resistance 5 5 5 6 60 R17, 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
BMW EfficientE standard feature standard feature Fuel Consump With standard ty Urban Extra-urban Combined CO ₂ With rims 7.5J x With rims 7.5J x Urban Extra-urban Combined CO ₂ With rims 7.5J x	Dynamics es ption EU ³) yres 16 and tyres 205/5 17 and tyres 225/ 17 front, 8J x 17 r 1 1 1 1 front, 8J x 18	Indic lightv optimise optimise tr/100 km tr/100 km g/km 5 R16 (BMW 118 45 R 17 as well as rear and tyres 225 tr/100 km tr/100 km tr/100 km tr/100 km tr/100 km tr/100 km	2 Power Steering (EPS), Auto Start S ator, ECO PRO mode with coasting weight construction, optimised aeroc pration of ancillary units, map-contro ed warm-up behaviour, efficiency- ar (BMW 118d xDrive), tyres with rea 4.8 (4.5) 3.5 (3.4) 4.0 (3.8) 109 (99) d), with rims 7J x 17 and tyres 205/5 s winter tyres, /45 R17 front, 245/40 R17 rear 5.0 (4.7) 3.6 (3.6) 4.1 (4.0) 109 (105) 5/40 R18 front, 245/35 R18 rear	itop function, Optimum Gearshif function (automatic), intelligent dynamic attributes, on-demand led oil pump, differential with ad weight-optimised transfer cas duced rolling resistance 5 5 3 4 11 50 R17, 5 4 4 11
BMW EfficientE standard feature standard feature with standard ty Urban Combined CO ₂ With rims 7.5J x With rims 7.5J x Urban Extra-urban Combined CO ₂ With rims 7.5J x Urban	Dynamics es ption EU 3) yres 16 and tyres 205/5 17 and tyres 225/ 17 front, 8J x 17 r 11 11 12 13 front, 8J x 18	Indic lightv optimise optimise tr/100 km tr/100 km tr/100 km g/km g/km rear and tyres 225 tr/100 km g/km rear and tyres 225 tr/100 km	2 Power Steering (EPS), Auto Start S ator, ECO PRO mode with coasting weight construction, optimised aeroc reation of ancillary units, map-contro ed warm-up behaviour, efficiency- ar (BMW 118d xDrive), tyres with rea 4.8 (4.5) 3.5 (3.4) 4.0 (3.8) 109 (99) d), with rims 7J x 17 and tyres 205/5 s winter tyres, /45 R17 front, 245/40 R17 rear 5.0 (4.7) 3.6 (3.6) 4.1 (4.0) 109 (105) 5/40 R18 front, 245/35 R18 rear 5.2 (4.9)	itop function, Optimum Gearshif function (automatic), intelligent dynamic attributes, on-demand led oil pump, differential with nd weight-optimised transfer cas duced rolling resistance 5 5 3 4 11 50 R17, 5 5 4 4 11 50 R17, 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
BMW Efficient standard feature standard feature with standard to Urban Extra-urban Combined CO ₂ With rims 7.5J x With rims 7.5J x Urban Extra-urban Combined CO ₂ With rims 7.5J x Urban Extra-urban CO ₂	Dynamics es ption EU 3) yres 16 and tyres 205/5 17 and tyres 225/ 17 front, 8J x 17 r 1 1 x 18 front, 8J x 18 1 1 1 1 1 1 1 1 1 1 1 1 1	Indic lightv optimise optimise tr/100 km tr/100 km tr/100 km 5 R16 (BMW 118 45 R 17 as well as rear and tyres 225 tr/100 km tr/100 km tr/100 km rear and tyres 225 tr/100 km tr/100 km	2 Power Steering (EPS), Auto Start S ator, ECO PRO mode with coasting weight construction, optimised aeroc pration of ancillary units, map-contro ed warm-up behaviour, efficiency- ar (BMW 118d xDrive), tyres with ren 4.8 (4.5) 3.5 (3.4) 4.0 (3.8) 109 (99) d), with rims 7J x 17 and tyres 205/5 is winter tyres, 1/45 R17 front, 245/40 R17 rear 5.0 (4.7) 3.6 (3.6) 4.1 (4.0) 109 (105) 5/40 R18 front, 245/35 R18 rear 5.2 (4.9) 3.8 (3.8)	itop function, Optimum Gearshift function (automatic), intelligent dynamic attributes, on-demand led oil pump, differential with nd weight-optimised transfer cas duced rolling resistance 5 5 3 4 11 50 R17, 5 4 4 11 5 5 4 4 4 11
BMW Efficient standard feature standard feature with standard t Urban Combined CO ₂ With rims 7.5J x With rims 7.5J x With rims 7.5J x Urban Combined CO ₂ With rims 7.5J x Urban	Dynamics es ption EU 3) yres 16 and tyres 205/5 17 and tyres 225/ 17 front, 8J x 17 r 1 1 x 18 front, 8J x 18 1 1 1 1 1 1 1 1 1 1 1 1 1	Indic lightv optimise optimise tr/100 km tr/100 km tr/100 km g/km g/km rear and tyres 225 tr/100 km g/km rear and tyres 225 tr/100 km	2 Power Steering (EPS), Auto Start S ator, ECO PRO mode with coasting weight construction, optimised aeroc reation of ancillary units, map-contro ed warm-up behaviour, efficiency- ar (BMW 118d xDrive), tyres with rea 4.8 (4.5) 3.5 (3.4) 4.0 (3.8) 109 (99) d), with rims 7J x 17 and tyres 205/5 s winter tyres, /45 R17 front, 245/40 R17 rear 5.0 (4.7) 3.6 (3.6) 4.1 (4.0) 109 (105) 5/40 R18 front, 245/35 R18 rear 5.2 (4.9)	itop function, Optimum Gearshif function (automatic), intelligent dynamic attributes, on-demand led oil pump, differential with nd weight-optimised transfer cas duced rolling resistance 5 5 3 4 11 50 R17, 5 4 4 11 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5

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 CO₂ emission figures depend on the selected tyre format

Media Information

5/2017 Page 37

Valid from 7/2017

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

		BMW 1200 5-000r	BMW 1200 XDrive 5-000r	
Body				
No. of doors/seats		5/5	5/5	
Length/width/height ¹⁾ (unladen)				
Wheelbase	mm	4329 / 1765 / 1421	4329 / 1765 / 1421	
	mm	2690	2690	
Track, front/rear	mm	1521 / 1556	1522 / 1556	
Ground clearance	mm	140	140	
Turning circle	m	10.9	11.3	
Fuel tank capacity	approx. Itr	52	52	
Cooling system incl. heater	ltr	7.0	7.0	
Engine oil 2)	ltr	5.0	5.0	
Weight, unladen, to DIN/EU	kg	1375 / 1450	1455 / 1530	
- 3 , ,		(1390 / 1465)		
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	97571090	
braked/unbraked	kg	1500/310	1600/360	
Max, roof load/max towbar		1500 / 710	1500 / 750	
download	kg	75 / 75	75/75	
Luggage comp. capacity	ltr	260 1200	260 1200	
Air resistance	ltr		360 - 1200	
	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	BM	W TwinPower Turbo technology: turboch		
	Bitt	common rail direct injection with se	plenoid valve injectors,	
		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	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	AW	150 / 2100	150 / 2100	
	,,,,,	10072100	10072100	
Driving Dynamics and Safety	,			
Suspension, front		Aluminium double-joint sp	ring strut axle	
Suspension, rear	F	Five-link axle in lightweight steel construct	ion with double elastic bearing	
Brakes, front		Single-piston floating-callip	×	
Brakes, rear	Single-piston floating-calliper disc brakes			
Driving stability systems	S			
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; BMW 120d xDrive: linked to xDrive			
	i uc	all-wheel-drive system in Integrated Cl		
Safety equipment	Star	idard: airbags for driver and front passenge		
		senger, head airbags front and rear, three seats with belt tensioner and belt fo crash sensors, Tyre Defe	-point inertia-reel seatbelts on all proce limiter at the front,	
Steering		Electric Power Steering		
5		optional: Servotronic function, va		
Steering ratio, overall	:1	15.0	15.1	
Tyres, front/rear	••	205/55 R16 91V	205/55 R16 91V	
Rims, front/rear		7J x 16 steel	7J x 16 steel	

BMW 120d 5-door

BMW 120d xDrive 5-door

Media Information

5/2017 Page 38

Valid from

7/2017

			BMW 120d 5-door	BMW 120d xDrive 5-door
Transmissior	n			
Type of transm	nission		6-speed manual (optional: 8-speed	8-speed Steptronic transmission
			Steptronic transmission)	
Gear ratios	I	:1	4.110 (5.000)	5.000
		:1	2.248 (3.200)	3.200
		: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)	2.64
Performance	!			
Power-to-weig	ht ratio (DIN)	kg/kW	9.8 (9.9)	10.4
Output per litre	Э	kW/ltr	70.2	70.2
Acceleration	0–100 km/h	S	7.1 (7.0)	6.8
in 5th gear	80–120 km/h	S	7.2 (-)	-
Top speed		km/h	228 (228)	222
BMW Efficier	ntDynamics			
BMW Efficient	Dynamics		Brake Energy Regeneration w	vith recuperation display,
standard featu	res	ope	lectric Power Steering (EPS), Auto Star Indicator, ECO PRO mode with coastir lightweight construction, optimised ae eration of ancillary units, map-controllec varm-up behaviour, efficiency- and wei 120d xDrive), tyres with red	ng function (automatic), intelligent rodynamic attributes, on-demand d oil pump, differential with optimised ght-optimised transfer case (BMW
Fuel Consum	ntion FU ³⁾			-
With standard				
Urban	-9 - 7	ltr/100 km	5.0 (4.6)	5.
Extra-urban		ltr/100 km	3,0 (3.0)	3.9
Extra-urban Combined		ltr/100 km	<u> </u>	
Combined		ltr/100 km	4.1 (3.9)	4.
Combined CO ₂ With rims 7J x		ltr/100 km g/km /50 R17, with	4.1 (3.9) 108 (103) rims 7.5J x 17 and tyres 225/45 R 17 a	4. 11:
Combined CO ₂ With rims 7J x with rims 7.5J		ltr/100 km g/km /50 R17, with 7 rear and tyre	4.1 (3.9) 108 (103) rims 7.5J x 17 and tyres 225/45 R 17 a s 225/45 R17 front, 245/40 R17 rear	
Combined CO ₂ With rims 7J x		ltr/100 km g/km /50 R17, with	4.1 (3.9) 108 (103) rims 7.5J x 17 and tyres 225/45 R 17 a	<u> </u>

Combined ltr/100 km 4.3 (4.1) 4.5 $\overline{CO_2}$ 114 (109) 119 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 (5.1) 3.9 (3.9) 5.5 Urban ltr/100 km Extra-urban ltr/100 km 4.3 Combined ltr/100 km 4.5 (4.3) 4.7 $\overline{CO_2}$ 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 CO₂ emission figures depend on the selected tyre format

Information

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 mm	2690	
Track, front/rear		1521 / 1556	
Ground clearance	mm	140	
Turning circle	m m	10.9	
Fuel tank capacity	approx.	52	
der tarik capacity	ltr	JZ	
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	54071115	
braked/unbraked	ivy	1500 / 710	
Max. roof load/max towbar	kg	75/75	
download	Ng	, 31 1 3	
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 ba	
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	A/W	150 / 2100	
		10072100	
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), CB	
Driving stubility 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),	
		optional: Servotronic function, variable sport steering	
Steering ratio, overall	:1	15.0	
Tyres, front/rear		205/50 R17 89W	
		7J x 17 light-alloy	

Media Information

5/2017 Page 40

Valid from 7/2017

			BMW 125d 5-door	
Transmissior	<u>า</u>			
Type of transm	nission		8-speed Steptronic transmission	
Gear ratios		:1	5.000	
	1	:1	3.200	
	III	:1	2.143	
	IV	:1	1.720	
	V	:1	1.314	
	VI	:1	1.000	
	VII	:1	0.822	
	VIII	:1	0.640	
	R	:1	3.456	
Final drive		:1	2.647	
Performance	!			
Power-to-weight ratio (DIN)		kg/kW	8.7	
Output per litre	9	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 Efficier	ntDynamics			
BMW EfficientDynamics		Brake Energy Regeneration with recuperation display,		
standard featur	res		Electric Power Steering (EPS), Auto Start Stop function, ECO PRO mod with coasting function, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map- controlled oil pump, differential with optimised warm-up behaviour, tyres	

with reduced rolling resistance

Fuel Consumption E	(U 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 and	d tyres 225/45 R 17 as well as winter tyr	es,	
with rims 7.5J x 17 from	nt, 8J x 17 rear and tyres 225/45 R17 fro	nt, 245/40 R17 rear,	
with rims 7.5J x 18 from	nt, 8J x 18 rear and tyres 225/40 R18 fro	nt, 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 CO2 emission figures depend on the selected tyre format

Media Information

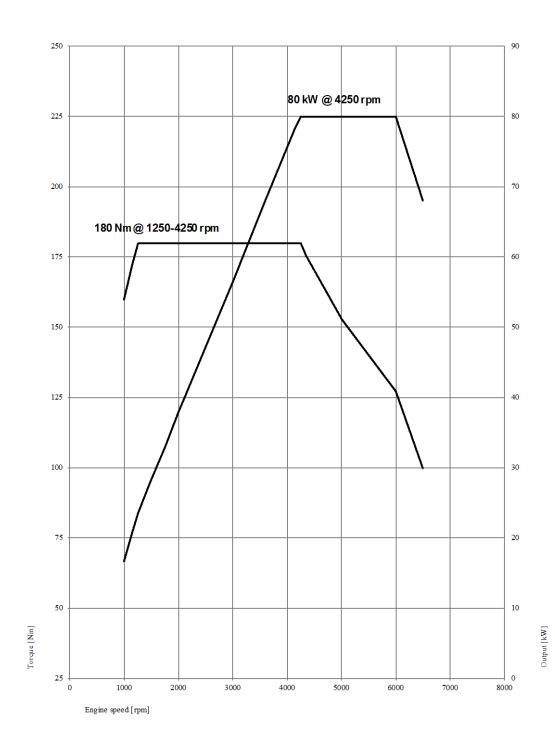
5/2017 Page 41

Valid from 7/2017

Output and torque diagrams. The BMW 1 Series.

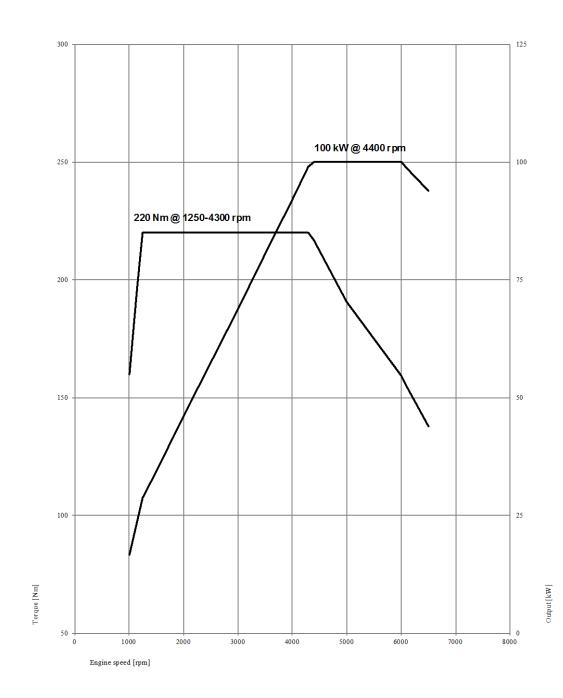






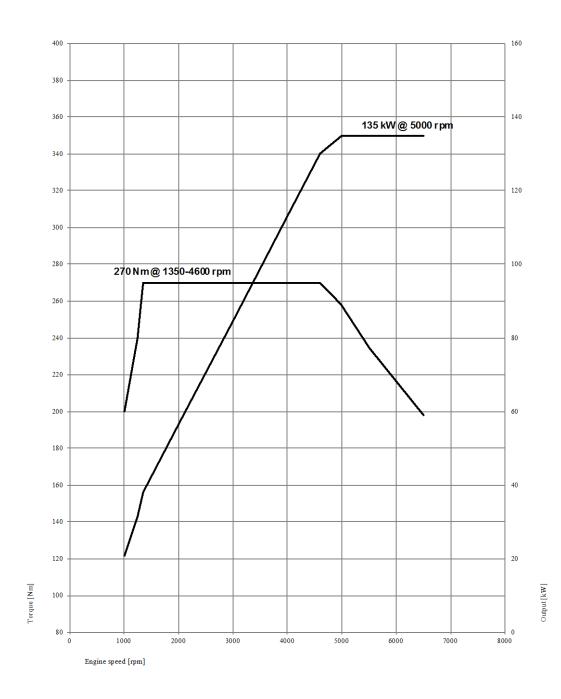
5/2017 Page 42

Valid from 7/2017 The BMW 1 Series. 118i.



5/2017 Page 43

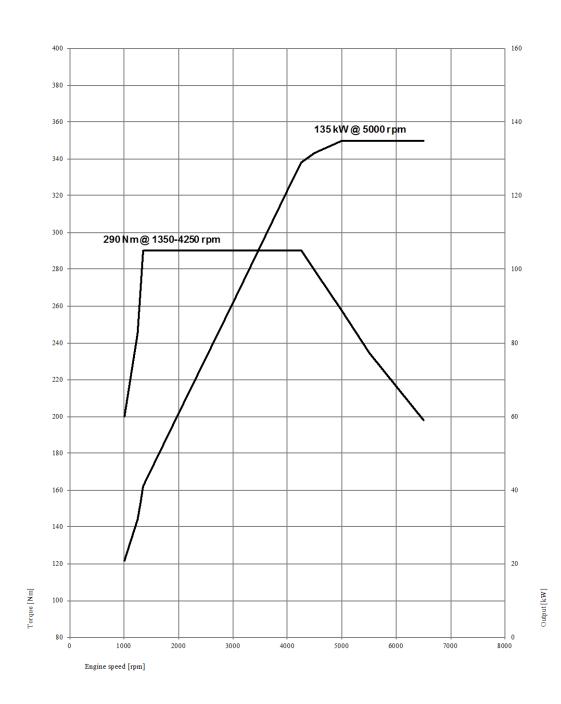
Valid from 7/2017 The BMW 1 Series. 120i.



5/2017 Page 44

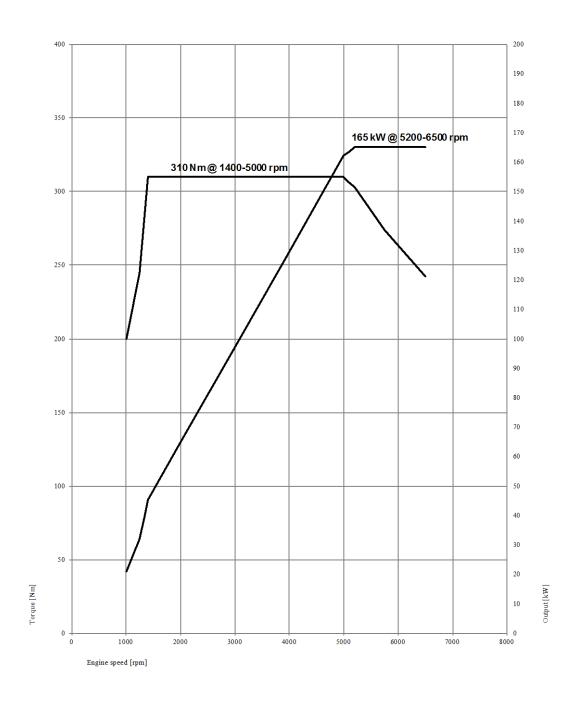
Valid from 7/2017

The BMW 1 Series. 120i manual.



5/2017 Page 45

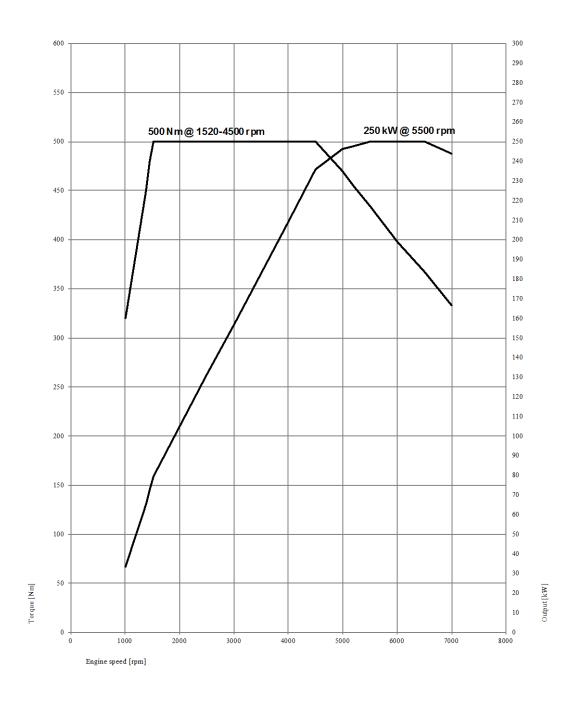
Valid from 7/2017 The BMW 1 Series. 125i.



5/2017 Page 46

Valid from 7/2017

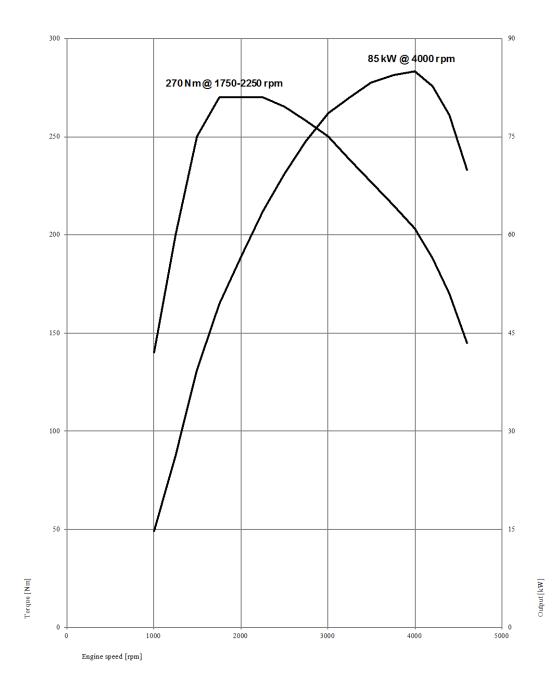
The BMW 1 Series. M140i, M140i xDrive.



5/2017 Page 47

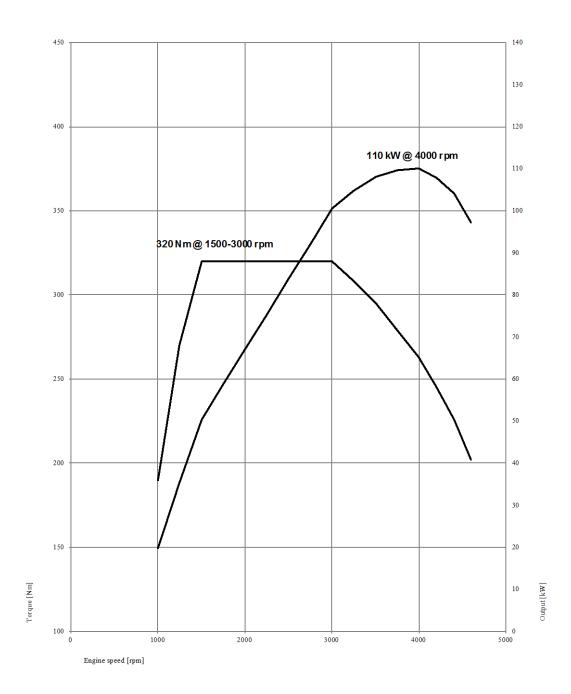
Valid from 7/2017

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



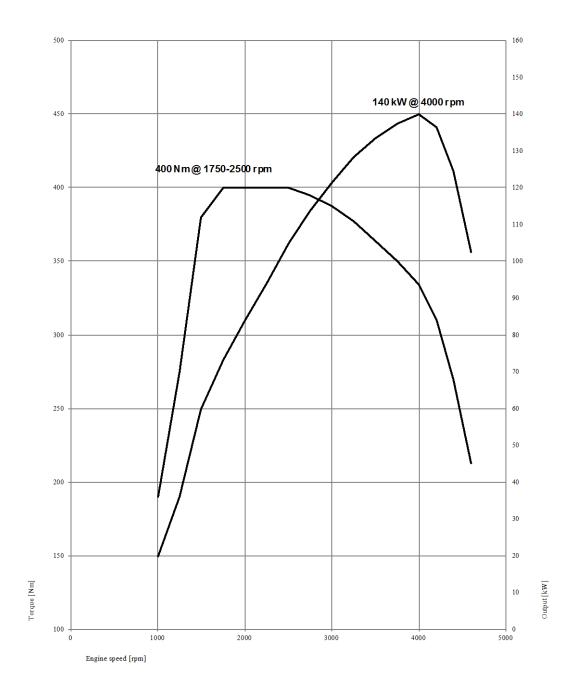
5/2017 Page 48

Valid from 7/2017 The BMW 1 Series. 118d, 118d xDrive.



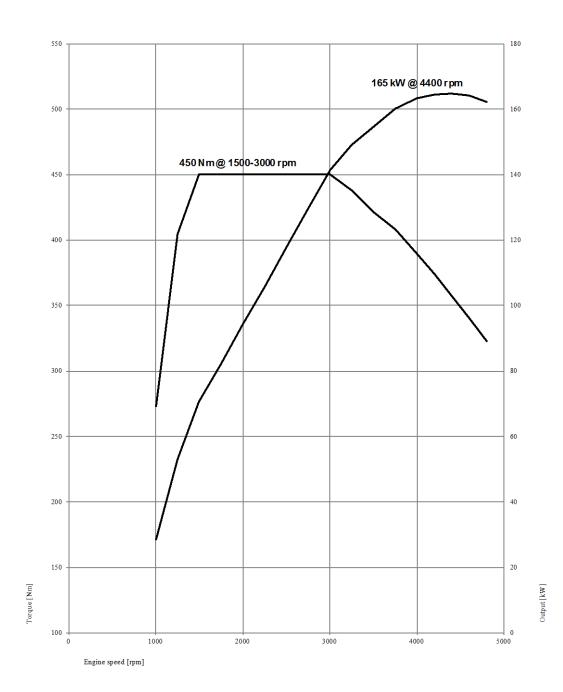
5/2017 Page 49

Valid from 7/2017 The BMW 1 Series. 120d, 120d xDrive.



5/2017 Page 50

Valid from 7/2017 The BMW 1 Series. 125d.



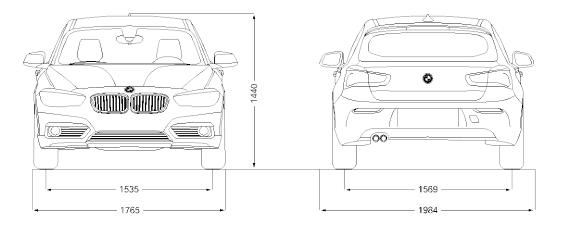
5/2017 Page 51

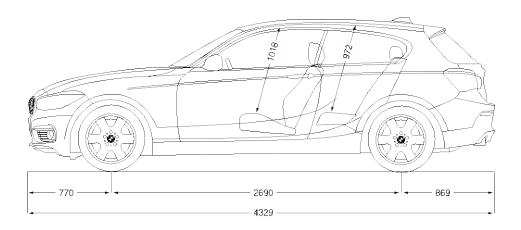
Valid from 7/2017

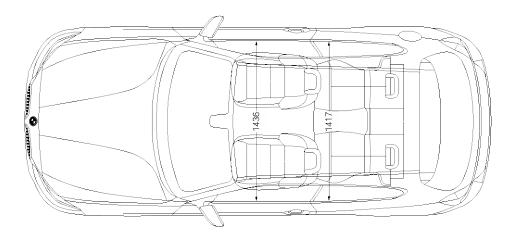
Exterior and interior dimensions.

The BMW 1 Series 3-door.









5/2017 Page 52

Valid from 7/2017

