BMW Media information

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7. Technical specifications. BMW 116i 3-door.



		BMW 116i 3-door
		DIVIVY 11013-0001
Body		
No. of doors/seats		3 / 4 (5)
Length/width/height (unladen)	mm	4329 / 1765 / 1421
Wheelbase	mm	2690
Track, front/rear	mm	1535 / 1569
Ground clearance	mm	140
Turning circle	m	10.9
Fuel tank capacity	approx.	52
	ltr	<u> </u>
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,	kg	0007 1030
braked (12%)/unbraked	ĸy	1200 / 650
Max. roof load/max towbar	kg	75 / 75
download	ĸy	13113
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C _d x A	0.31 x 2.14
7 100.014.100	O ₀ X A	0.01 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 technology		Injection, fully variable valve control (VALVETRONIC), Double-VANOS
		variable camshaft control
Effective capacity	2	
Stroke/bore	cm ³	1499
	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min RON 91
Max. output	kW/hp	80 / 109
at	rpm	4500 – 6000
Max torque	Nm	180
at	rpm	1250
Electrical System		
Battery/installation	Ah/-	90 / luggage comp.
Alternator	A/W	180 / 2520
Driving Dynamics and Safety		
Suspension, front		Aluminium double-joint spring strut axle
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC
		(Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking
		function, Fading Compensation, Start-Off Assistant
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
		front passenger, head airbags front and rear, three-point inertia-reel
		seatbelts on all seats with belt tensioner and belt force limiter at the front,
		crash sensors, Tyre Defect Indicator
Steering		Electric Power Steering (EPS),
		optional: Servotronic function, variable sport steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		195/55 R16 87H
Rims, front/rear		6.5J x 16 steel

			BMW 116i 3-door	
Transmission				
Type of transmis	ssion		6-speed manual	
Gear ratios	I	:1	4.552	
	II	:1	2.548	
	III	:1	1.659	
	IV	:1	1.230	
	V	:1	1.000	
	VI	:1	0.830	
	R	:1	4.138	
Final drive		:1	2.813	
Performance				
Power-to-weigh	t ratio	kg/kW	16.3	
Output per litre		kW/ltr	53.4	
Acceleration	0–100 km/h	S	10.9	
in 5th gear	80-120 km/h	S	14.8	
Top speed		km/h	195	

BMW EfficientDynamics 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, detachable a/c compressor, final drive with optimised warm-up behaviour, tyres with reduced roll resistance

Fuel Consumption	1 EU ³⁾					
With standard tyres,	rims 7J x 16 and tyres 205/55 R16 as w	rell as winter tyres				
Urban	ltr/100 km	6.3				
Extra-urban	ltr/100 km	4.2				
Combined	ltr/100 km	5.0				
CO ₂	g/km	116				
	With rims 7J x 17 and tyres 205/50 R17, with rims 7.5J x 17 and tyres 225/45 R 17,					
	ront, 8J x 17 rear and tyres 225/45 R17	front, 245/40 R17 rear				
Urban	ltr/100 km	6.7				
Extra-urban	ltr/100 km	4.5				
Combined	ltr/100 km	5.3				
CO ₂	g/km	123				
With rims 7.5J x 18 f	With rims 7.5J x 18 front, 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 $\rm CO_2$ emissions depend on the selected tyre format

BMW 118i 3-door, BMW 120i 3-door.

Turning circle m 10.9 10.5 Fuel tank capacity approx. 52 1 Cooling system incl. heater Itr 6.4 6.6 Engine oil ²⁰ Itr 4.2 4 Weight, unladen, to DINVEU kg 1300 / 1375 1300 / 137 Max. load to DIN kg 565 56 Max. promissible weight kg 1865 (1880) 1865 (1880) Max. axile load, frontfrear kg 865 / 1990 870 / 108 Max. trailer load, frontfrear kg 1200 / 670 1200 / 670 Max. trof loadimax towbar download kg 75 / 75 75 / 75 Gownload Luggage comp. capacity Itr 360 - 120 360 - 120 Air resistance C _a x A 0.31 x 2.14 0.31 x 2. Power Unit Config.No. of cyls-valves in-line / 4 / 4 in-line / 4 / 4 in-line / 4 / 4 Engine technology BMW TwinPower Turbo technology: twin-scroll turbocharger, High Precision Direct Injection, fully variable variable canshart control (VALIVETRONIC), Debugate comp. 1598 <th></th> <th></th> <th>BMW 118i 3-door</th> <th>BMW 120i 3-door</th>			BMW 118i 3-door	BMW 120i 3-door
No. of doors/seats	Rody			
Lengthwidthheight			2/4/5)	2/4/5
Wheelbase mm 2690 26 Track, front/rear mm 1535/1569 1535/1569 Cround clearance mm 140 17 Turning circle m 10.9 10 Fuel tank capacity approx. 52 1 Cooling system incl. heater Itr 6.4 6 Engine oil ²⁰ Itr 4.2 4 Weight, unladen, to DIN/EU kg 1300/1375 1300/137 Max. load to DIN kg 565 5 Max. load to DIN kg 565 5 Max. load to DIN kg 655 5 Max. active load, kg 685/1880 1865/1880 Max. active load, kg 685/1990 870/10 Max. trailer load, kg 685/1990 870/10 Max. trailer load, kg 75/75 75/75			• • • • • • • • • • • • • • • • • • • •	
Track, front/rear mm 1535/1569 1535/156 Ground clearance mm 140 1/15 Track, front/rear mm 1535/1569 1535/156 Ground clearance mm 10.9 16 Fuel tank capacity approx. 52 1/15 Turning circle m 10.9 16 Fuel tank capacity approx. 52 1/15 Turning circle m 10.9 16 Fuel tank capacity approx. 52 1/15 Turning circle m 10.9 16 Fuel tank capacity approx. 52 1/15 Turning circle m 10.9 16 Fuel tank capacity approx. 52 1/15 Turning circle m 10.9 16 Fuel tank capacity approx. 52 1/15 Turning circle m 10.9 16				
Ground clearance				
Turning circle m 10.9 10.9 10.9 10.9 10.9 10.9 10.9 10.9				13357 1369
Fuel tank capacity by the form of the foliage system incl. heater by the foliage syste				
Itr				
Itr			32	52
Weight, unladen, to DIN/EU kg 1300 / 1375 1300 / 137	Cooling system incl. heater	ltr	6.4	6.4
Max. load to DIN	Engine oil 2)	ltr	4.2	4.2
Max. load to DIN	Weight, unladen, to DIN/EU	kg	1300 / 1375	1300 / 1375
Max. permissible weight kg 1865 (1880) 1865 (188 Max. valle load, front/rear kg 865 / 1090 870 / 108 Max. traller load, braked (12%)/unbraked kg 1200 / 670 1200 / 67 Max. roof load/max towbar download kg 75 / 75 75 / 75 download kg 75 / 75 75 / 75 / 75 / 75 / 75 / 75 / 75 / 75 /		Ü	(1315 / 1390)	(1315 / 1390)
Max permissible weight kg 1865 (1880) 1865 (1880) Max and load, front/rear kg 865 / 1090 870 / 108 Max trailer load, braked (12%)/Junbraked kg 1200 / 670 1200 / 67 Max rof load/max towbar download kg 75 / 75 75 / 75 Luggage comp. capacity ltr 360 – 1200 360 – 120 Luggage comp. capacity ltr 360 – 1200 360 – 120 Luggage comp. capacity ttr 360 – 1200 360 – 120 Engine technology BMW TwinPower Turbo technology: twin-scroll turbocharger, High Precision Direct Injection, fully variable valve control (VALVETRONIC), Double-VANOS variable camshaft control Effective capacity cm³ 1598 155 Stroke/Bore mm 85.877.0 85.877 Compression ratio :1 10.5 10 Fuel min RON 91 min RON 91 Max. output kW/hp 100 / 136 130 / 13 Alternator Nm 220 22 Electrical System Sateronal System 1350 – 4300 1500 – 456	Max. load to DIN	kg	565	565
Max. atale load, front/rear kg 865/1090 870/108 Max. trailer load, braked (12%) unbraked kg 1200/670 1200/6 Max. roof load/max towbar download kg 75/75 75/7 Luggage comp. capacity Itr 360 – 1200 360 – 120 Air resistance C _d x A 0.31 x 2.14 0.31 x 2. Power Unit Config/No. of cyls. Valves in-line / 4 / 4 in-line / 4 / 4 Engine technology BMW TwinPower Turbo technology: twin-scroll turbocharger, High Precision Direct Injection, fully variable valve control (VALVETRONIC), Double-VANOS variable camshaft control Effective capacity cm³ 1598 155 Stroke/Bore mm 85.81/77. 8.58.81/77. Compression ratio :1 10.5 11 Fuel min RON 91 min RON 91 min RON 91 Max output kW/hp 100/136 130/11 at rpm 4400 – 645 4800 – 644 Max torque Nm 220 22 at rpm 1350 – 4300 1500 –	Max. permissible weight		1865 (1880)	1865 (1880)
Max. trailer load, braked (12%)/unbraked kg 1200 / 670 1200 / 670 Max. roof load/max towbar download kg 75 / 75 75 / 75 Luggage comp. capacity Itr 360 – 1200 360 – 120 Air resistance C _d x A 0.31 x 2.14 0.31 x 2.24 Power Unit Config./No. of cyls./valves in-line / 4 / 4 in	Max. axle load, front/rear		, ,	870 / 1090
braked (12%)Junbraked kg 75 / 75 75 / 75 Max. roof loadfmax towbar download kg 75 / 75 / 75 / 75 / 75 / 75 / 75 / 75 /	Max. trailer load,			1200 / 670
Download Luggage comp. capacity Itr 360 – 1200 360 – 120	braked (12%)/unbraked	9		
Luggage comp. capacity		kg	75 / 75	75 / 75
Power Unit		ltr	360 – 1200	360 - 1200
Power Unit Config/No. of cyls/valves Engine technology BMW TwinPower Turbo technology: twin-scroll turbocharger, High Precision Direct Injection, fully variable valve control (VALVETRONIC), Double-VANOS variable camshaft control Effective capacity cm³ 1598 155 Stroke/bore mm 85.8 / 77.0 85.8 / 77. Compression ratio :1 1.0.5 1.05 Fuel min RON 91 min RON 91 Max. output kW/hp 100 / 136 130 / 13 / 131				
ConfigJ/No. of cyls.lvalves Engine technology BMW TwinPower Turbo technology: twin-scroll turbocharger, High Precision Direct Injection, fully variable valve control (VALVETRONIC), Double-VANOS variable camshaft control Effective capacity cm³ 1598 155 Stroke/bore mm 85.8 / 17.0 85.8 / 17.0 Compression ratio :1 10.5 10.5 Fuel min RON 91 min RON 91 Max. output kWhp 100 / 136 130 / 1.3 at rpm 4400 - 6450 4800 - 645 Max torque Nm 220 2.2 at rpm 1350 - 4300 1500 - 456 Electrical System Battery/installation Ah/- 80 / luggage comp. 80 / luggage comp. Alternator AW 170 / 2380 170 / 238 Driving Dynamics and Safety Suspension, front Aluminium double-joint spring strut axle Suspension, front Single-piston floating-calliper disc brakes Brakes, front 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, crash sensors, Tyre Defect Indicator Steering Electric Power Steering (EPS), optional: Servotronic function, variable sp		O ₀ X / Y	O.O.T.A.Z.T.T	0.01 x 2.11
Engine technology BMW TwinPower Turbo technology: twin-scroll turbocharger, High Precision Direct Injection, fully variable valve control (VALVETRONIC), Double-VANOS variable valve control (VALVETRONIC), Double-VANOS variable camshaft control Effective capacity cm³ 1598 155 Stroke/bore mm 85.8 / 77.0 85.8 / 77. Compression ratio :1 1.0.5 1.0 Fuel min RON 91 min RON 91 Max. output kW/hp 100 / 136 130 / 17. at rpm 4400 - 6450 4800 - 645 Max torque Nm 220 2: at rpm 1350 - 4300 1500 - 450 Electrical System Battery/installation Ah/- 80 / luggage comp. 80 / luggage comp. Alternator A/W 170 / 2380 170 / 238 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, rear 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), DBC (Dynamic Brake Control), DBC (Dynamic Brake Control), DBC (Dynamic Brake Control), DBC (Cornering Brake Control), DBC (Dynamic Bra				
High Precision Direct Injection, fully variable valve control (VALVETRONIC), Double-VANOS variable camshaft control Effective capacity cm³ 1598 159 Stroke/bore mm 85.8 / 77.0 85.8 / 77 Compression ratio :1 10.5 100 Fuel min RON 91 min RON 91 Max. output kW/hp 100 / 136 130 / 136 at rpm 4400 - 6450 4800 - 645 Max torque Nm 2220 22; at rpm 1350 - 4300 1500 1500 - 450 Electrical System Battery/installation Ah/- 80 / luggage comp. 80 / luggage com Alternator AW 170 / 2380 170 / 238 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 Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), DP Braking function Facing Compensation, Start-Off Assistant Safety equipment Standard: airbags for driver and front passenger, side airbags for driver and front passe				
Effective capacity cm³ 1598 159 Stroke/bore mm 85.8 / 77.0 85.8 / 77.0 Compression ratio :1 10.5 10 Fuel min RON 91 min RON 91 min RON 91 Max. output kW/hp 100 / 136 130 / 11 at rpm 4400 - 6450 4800 - 645 Max torque Nm 220 25 at rpm 1350 - 4300 1500 - 450 Electrical System Battery/installation Ah/- 80 / luggage comp. 80 / luggage comp. Alternator AW 170 / 238 170 / 238 Driving Dynamics and Safety Suspension, front Aluminium double-joint spring strut axle Suspension, front Aluminium double-joint spring strut axle Suspension, front Single-piston floating-calliper disc brakes Brakes, front 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 Traction Control), CBC (Cornering Brake Control), DBC (Engine technology		High Precision Direct Injection, fully variable valve contro	I (VALVETRONIC),
Stroke/bore mm 85.8 / 77.0 85.8 / 77.0 Compression ratio :1 10.5 10 Fuel min RON 91 min RON 91 Max. output kW/hp 100 / 136 130 / 13 at rpm 4400 - 6450 4800 - 64 Max torque Nm 220 23 at rpm 1350 - 4300 1500 - 450 Electrical System Battery/installation Ah/- 80 / luggage comp. 80 / luggage comp. Alternator AW 170 / 2380 170 / 236 Driving Dynamics and Safety Suspension, front Aluminium double-joint spring strut axle Suspension, front Single-piston floating-calliper disc brakes 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 a	Effective capacity	cm ³	1598	1598
Compression ratio :1 10.5 10 Fuel min RON 91 min RON 91 Max. output kW/hp 100 / 136 130 / 13 at rpm 4400 – 6450 4800 – 645 Max torque Nm 220 25 at rpm 1350 – 4300 1500 – 450 Electrical System Battery/installation Ah/- 80 / luggage comp. 80 / luggage comp. Alternator AW 170 / 2380 170 / 236 Driving Dynamics and Safety Suspension, front Aluminium double-joint spring strut axle 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 Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC (Comering 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	Stroke/bore	mm		85.8 / 77.0
Fuel min RON 91 min RON 91 Max. output kW/hp 100 / 136 130 / 13 at rpm 4400 - 6450 4800 - 645 Max torque Nm 220 25 at rpm 1350 - 4300 1500 - 450 Electrical System Battery/installation Ah/- 80 / luggage comp. 80 / luggage comp. Alternator A/W 170 / 2380 170 / 236 Driving Dynamics and Safety Suspension, front Aluminium double-joint spring strut axle Suspension, front Aluminium double-joint spring strut axle Suspension, front Single-piston floating-calliper disc brakes Brakes, front Single-piston floating-calliper disc brakes Brakes, front 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 fron passenger, head airbags front and rear, three-point inertia-reel seatbelts on a seats wi	Compression ratio			10.5
Max. output kW/hp 100 / 136 130 / 13 at rpm 4400 – 6450 4800 – 645 Max torque Nm 220 25 at rpm 1350 – 4300 1500 – 456 Electrical System Battery/installation Ah/- 80 / luggage comp. 80 / luggage comp. Alternator A/W 170 / 2380 170 / 238 Driving Dynamics and Safety Suspension, front Aluminium double-joint spring strut axle 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 fron passenger, side airbags for driver and front passenger, head airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for driver and front passenger, side airbags for driver and front passenger, side airbags	Fuel		min RON 91	min RON 91
at rpm 4400 – 6450 4800 – 645 Max torque Nm 220 23 at rpm 1350 – 4300 1500 – 450 Electrical System Battery/installation Ah/— 80 / luggage comp. 80 / luggage comp. Alternator AW 170 / 2380 170 / 2380 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, side airbags for driver and seath 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 15 Tyres, front/rear 195/55 R16 87H 195/55 R16 87	Max. output	kW/hp	100 / 136	130 / 177
Max torque Nm 220 2: at rpm 1350 – 4300 1500 – 450 Electrical System Battery/installation Ah/– 80 / luggage comp. 80 / luggage com Alternator A/W 170 / 2380 170 / 238 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	at			4800 – 6450
Electrical System Battery/installation Ah/— 80 / luggage comp. 80 / luggage com Alternator A/W 170 / 2380 170 / 238 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 a 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 15 Tyres, front/rear 195/55 R16 87H 195/55 R16 87				250
Electrical System Battery/installation Ah/- 80 / luggage comp. 80 / luggage com Alternator A/W 170 / 2380 170 / 238 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 a 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 15 Tyres, front/rear 195/55 R16 87H 195/55 R16 87				
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Alternator AW 170 / 2380 170 / 238 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 a 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 15 Tyres, front/rear 195/55 R16 87H 195/55 R16 87				
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 fro passenger, head airbags front and rear, three-point inertia-reel seatbelts on a 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 15 Tyres, front/rear 195/55 R16 87H 195/55 R16 87H 195/55 R16 87				80 / luggage comp
Suspension, front 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 fro passenger, head airbags front and rear, three-point inertia-reel seatbelts on a 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 15 Tyres, front/rear 195/55 R16 87H 195/55 R16 87	Alternator	A/W	170 / 2380	170 / 2380
Suspension, front 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 fro passenger, head airbags front and rear, three-point inertia-reel seatbelts on a 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 15 Tyres, front/rear 195/55 R16 87H 195/55 R16 87	Driving Dynamics and Safety	,		
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 for driver 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 15 Tyres, front/rear 195/55 R16 87H 195/55 R16 87			Aluminium double-ioint spring strut axl	e
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 for driver 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 15 Tyres, front/rear 195/55 R16 87H 195/55 R16 87				
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 fron passenger, head airbags front and rear, three-point inertia-reel seatbelts on a 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 15 Tyres, front/rear 195/55 R16 87H 195/55 R16 87				
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 a 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 15 Tyres, front/rear 195/55 R16 87H 195/55 R16 87			<u> </u>	
(Comering 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				
Safety equipment Standard: airbags for driver and front passenger, side airbags for driver and fro passenger, head airbags front and rear, three-point inertia-reel seatbelts on a 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 15 Tyres, front/rear 195/55 R16 87H 195/55 R16 87	Driving stability systems	((Cornering Brake Control), DBC (Dynamic Brake Control), I	Dry Braking function,
passenger, head airbags front and rear, three-point inertia-reel seatbelts on a 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 15 Tyres, front/rear 195/55 R16 87H 195/55 R16 87				
crash sensors, Tyre Defect Indicator Steering Electric Power Steering (EPS), optional: Servotronic function, variable sport steering Steering ratio, overall :1 15.0 15 Tyres, front/rear 195/55 R16 87H 195/55 R16 87	Satety equipment		passenger, head airbags front and rear, three-point inertia	reel seatbelts on all
Steering Electric Power Steering (EPS), optional: Servotronic function, variable sport steering Steering ratio, overall :1 15.0 15 Tyres, front/rear 195/55 R16 87H 195/55 R16 87				t tne front,
optional: Servotronic function, variable sport steering Steering ratio, overall :1 15.0 15 Tyres, front/rear 195/55 R16 87H 195/55 R16 87	Steering		· •	
Steering ratio, overall :1 15.0 15 Tyres, front/rear 195/55 R16 87H 195/55 R16 87H 195/55 R16 87H	Ü		• · · · · · · · · · · · · · · · · · · ·	steerina
Tyres, front/rear 195/55 R16 87H 195/55 R16 87	Steering ratio, overall	·1	, , ,	15.0
DUID HOURIEGE AS IV IN CTOOL AS IV IN CTOOL	Rims, front/rear		6.5J x 16 steel	6.5J x 16 stee

			BMW 118i 3-door	BMW 120i 3-door
Transmission				
Type of transmission	า		6-speed manual (optional: 8-speed Ste	eptronic transmission)
Gear ratios	I	:1	4.552 (4.714)	4.552 (4.714)
	II	:1	2.548 (3.143)	2.548 (3.143)
	III	:1	1.659 (2.106)	1.659 (2.106)
	IV	:1	1.230 (1.667)	1.230 (1.667)
	V	:1	1.000 (1.285)	1.000 (1.285)
	VI	:1	0.830 (1.000)	0.830 (1.000)
	VII	:1	- (0.839)	- (0.839)
	VIII	:1	- (0.667)	- (0.667)
	R	:1	4.138 (3.295)	4.138 (3.295)
Final drive		:1	2.813 (3.077)	3.077 (3.077)
Performance				
Power-to-weight rat	io	kg/kW	13.0 (13.2)	10.0 (10.1)
Output per litre		kW/ltr	62.6	81.4
Acceleration 0-	100 km/h	S	8.5 (8.7)	7.4 (7.2)
in 5th gear 80)–120 km/h	S	10.6 (–)	8.8 (–)
Top speed		km/h	210 (210)	225 (222)

BMW EfficientDynamics standard features

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

Fuel Consumption	EU 3)		
	ims 7J x 16 and tyres 205/55 R16 a	s well as winter tyres	
Urban	ltr/100 km	7.0 (7.2)	7.4 (7.1)
Extra-urban	ltr/100 km	4.5 (4.6)	4.7 (4.6)
Combined	ltr/100 km	5.4 (5.6)	5.7 (5.6)
CO ₂	g/km	125 (129)	132 (129)
With rims 7J x 17 and	tyres 205/50 R17, with rims 7.5J x	17 and tyres 225/45 R 17,	
with rims 7.5J x 17 from	ont, 8J x 17 rear and tyres 225/45 R	17 front, 245/40 R17 rear	
Urban	ltr/100 km	7.2 (7.4)	7.6 (7.4)
Extra-urban	ltr/100 km	4.6 (4.8)	4.8 (4.8)
Combined	ltr/100 km	5.6 (5.7)	5.8 (5.7)
CO ₂	g/km	129 (133)	136 (133)
With rims 7.5J x 18 fr	ont, 8J x 18 rear and tyres 225/40 F	R18 front, 245/35 R18 rear	
Urban	ltr/100 km	7.4 (7.6)	7.8 (7.6)
Extra-urban	ltr/100 km	4.7 (4.9)	4.9 (4.9)
Combined	ltr/100 km	5.7 (5.9)	6.0 (5.9)
CO ₂	g/km	133 (137)	139 (137)
Emission rating	·	EU6	EU6

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

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

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BMW 125i 3-door.

		BMW 125i 3-door
Body		0.1.1.5
No. of doors/seats		3 / 4 (5)
Length/width/height 1) (unladen)	mm	4329 / 1765 / 1421
Wheelbase	mm	2690
Track, front/rear	mm	1521 / 1556
Ground clearance	mm	140
Turning circle	m	10.9
Fuel tank capacity	approx.	52
	ltr	
Cooling system incl. heater	ltr	7.0 (7.6)
Engine oil 2)	ltr	5.0
Weight, unladen, to DIN/EU	kg	1350 / 1425
	_	(1370 / 1445)
Max. load to DIN	kg	565
Max. permissible weight	kg	1915 (1935)
Max. axle load, front/rear	kg	895 / 1120
Max. trailer load,	kg	
braked (12%)/unbraked	9	1200 / 680
Max. roof load/max towbar	kg	75 / 75
download	ng.	10110
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C _d x A	0.32 x 2.14
Power Unit		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: twin-scroll turbocharger,
Lingine technology		High Precision Direct Injection, fully variable valve control (VALVETRONIC),
		Double-VANOS variable camshaft control
Effective capacity	cm ³	1997
Stroke/bore		90.1/84.0
Compression ratio	mm	
Fuel	:1	10.0
	1347	min RON 91
Max. output	kW/hp	160 / 218
at	rpm	5000
Max torque	Nm	310
at	rpm	1350 – 4800
Electrical System		
Battery/installation	Ah/-	80 / luggage comp.
Alternator	A/W	170 / 2380
Driving Dynamics and Safety		
Suspension, front		Aluminium double-joint spring strut axle
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC
Driving stability systems		(Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking
		function, Fading Compensation, Start-Off Assistant
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
Jaiety 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),
9		optional: Servotronic function, variable sport steering
Steering ratio, overall	:1	15.0
Tyres, tront/rear		
Tyres, front/rear Rims, front/rear		205/50 R17 89Y 7J x 17 light-alloy

			BMW 125i 3-door
Transmission			
Type of transmi			6-speed manual (optional: 8-speed Steptronic transmission)
Gear ratios		:1	3.683 (4.714)
	II	:1	2.062 (3.143)
		:1	1.313 (2.106)
	IV	:1	1.000 (1.667)
	V	:1	0.809 (1.285)
	VI	:1	0.677 (1.000)
	VII	:1	- (0.839)
	VIII	:1	- (0.667)
	R	:1	3.348 (3.295)
Final drive	11	:1	3.909 (3.077)
Illai alive			0.505 (0.011)
Performance			
Power-to-weigh	nt ratio	kg/kW	8.4 (8.6)
Output per litre		kW/ltr	80.1
Acceleration	0–100 km/h	S	6.4 (6.2)
in 5th gear	80-120 km/h	S	7.5
Top speed		km/h	245 (243)
			· · ·
BMW Efficien	tDynamics		
BMW EfficientDynamics standard features		Ind ligh	Brake Energy Regeneration with recuperation display, tric Power Steering (EPS), Auto Start Stop function, Optimum Gearshi licator, ECO PRO mode with coasting function (automatic), intelligent ntweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, final drive with optimised warm-up behaviour, tyres with reduced roll resistance
Fuel Consum	ntion EU 3)		
With standard t			
Urban	,	ltr/100 km	8.6 (8.5)
Extra-urban		ltr/100 km	5.4 (5.1)
Combined		ltr/100 km	6.6 (6.3)
CO ₂		g/km	154 (148)
	x 17 and tyres 225		
			5/45 R17 front, 245/40 R17 rear,
	,	,	5/40 R18 front, 245/35 R18 rear
Urban	, -	ltr/100 km	8.9 (8.7)
Extra-urban		ltr/100 km	5.4 (5.2)
Combined		ltr/100 km	6.7 (6.5)
CO ₂		g/km	157 (151)
Craicaian ratina		<u> </u>	TI IC

EU6

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

Emission rating

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

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BMW M135i 3-door, BMW M135i xDrive 3-door

No. of doors/seats 3 / 4 (5)	3 / 4 (5) 24 / 1765 / 1411 2690 1516 / 1534 130 11.3 52 7.1 6.5 1515 / 1590 2065 1010 / 1120
No. of doors/seats	24 / 1765 / 1411 2690 1516 / 1534 130 11.3 52 7.1 6.5 1515 / 1590 2065
Length/width/height **) (unladen) mm 4324 / 1765 / 1411 432 Wheelbase mm 2690 Track, front/rear mm 1516 / 1534 Ground clearance mm 130 Turning circle m 10.9 Fuel tank capacity approx. 52 Itr 6.9 (7.1) Engine oil ** ltr 6.5 Weight, unladen, to DIN/EU kg 1430 / 1505 (1445 / 1520) (1445 / 1520) Max. load to DIN kg 565 Max. permissible weight kg 1995 (2010) Max. axle load, front/rear kg 955 / 1120 Max. trailer load, braked -/- Max. roof load/max towbar download kg 75 / - Luggage comp. capacity Itr 360 - 1200 Air resistance C _d x A 0.34 x 2.14	24 / 1765 / 1411 2690 1516 / 1534 130 11.3 52 7.1 6.5 1515 / 1590 2065
Wheelbase mm 2690 Track, front/rear mm 1516 / 1534 Ground clearance mm 130 Turning circle m 10.9 Fuel tank capacity approx. 52 ltr 6.9 (7.1) Engine oil ²⁾ ltr 6.5 Weight, unladen, to DIN/EU kg 1430 / 1505 (1445 / 1520) (1445 / 1520) Max. load to DIN kg 565 Max. permissible weight kg 1995 (2010) Max. axle load, front/rear kg 955 / 1120 Max. trailer load, braked kg -/- Max. roof load/max towbar download kg 75 / - Luggage comp. capacity ltr 360 - 1200 Air resistance C _d x A 0.34 x 2.14	2690 1516 / 1534 130 11.3 52 7.1 6.5 1515 / 1590 550 2065
Track, front/rear mm 1516 / 1534 Ground clearance mm 130 Turning circle m 10.9 Fuel tank capacity approx. 52 ltr 6.9 (7.1) Engine oil ²⁾ ltr 6.5 Weight, unladen, to DIN/EU kg 1430 / 1505 (1445 / 1520) Max. load to DIN kg 565 Max. permissible weight kg 1995 (2010) Max. axle load, front/rear kg 955 / 1120 Max. trailer load, braked (12%)/unbraked kg -/- Max. roof load/max towbar download kg 75 / - Luggage comp. capacity ltr 360 - 1200 Air resistance C _d x A 0.34 x 2.14	1516 / 1534 130 11.3 52 7.1 6.5 1515 / 1590 550 2065
Ground clearance mm 130 Turning circle m 10.9 Fuel tank capacity approx. 52 Itr 6.9 (7.1) Engine oil 20 Itr 6.5 Weight, unladen, to DIN/EU kg 1430 / 1505 (1445 / 1520) Max. load to DIN kg 565 Max. permissible weight kg 1995 (2010) Max. axle load, front/rear kg 955 / 1120 Max. trailer load, braked (12%)/unbraked kg -/- Max. roof load/max towbar download kg 75 /- Luggage comp. capacity Itr 360 - 1200 Air resistance C _d x A 0.34 x 2.14	130 11.3 52 7.1 6.5 1515 / 1590 550 2065
Turning circle m 10.9 Fuel tank capacity approx. 52 Itr Cooling system incl. heater Itr 6.9 (7.1) Engine oil 2) Itr 6.5 Weight, unladen, to DIN/EU kg 1430 / 1505 (1445 / 1520) Max. load to DIN kg 565 Max. permissible weight kg 1995 (2010) Max. axle load, front/rear kg 955 / 1120 Max. trailer load, kg braked (12%)/unbraked Max. roof load/max towbar download Luggage comp. capacity Itr 360 – 1200 Air resistance C _d x A 0.34 x 2.14	11.3 52 7.1 6.5 1515 / 1590 550 2065
Fuel tank capacity approx. Itr	7.1 6.5 1515 / 1590 550 2065
Itr Cooling system incl. heater Itr 6.9 (7.1)	7.1 6.5 1515 / 1590 550 2065
Cooling system incl. heater Itr 6.9 (7.1) Engine oil 2) Itr 6.5 Weight, unladen, to DIN/EU kg 1430 / 1505 (1445 / 1520) Max. load to DIN kg 565 Max. permissible weight kg 1995 (2010) Max. axle load, front/rear kg 955 / 1120 Max. trailer load, kg kg -/- braked (12%)/unbraked -/- -/- Max. roof load/max towbar download kg 75 / - Luggage comp. capacity Itr 360 - 1200 Air resistance C _d x A 0.34 x 2.14	6.5 1515 / 1590 550 2065
Engine oil 2)	6.5 1515 / 1590 550 2065
Weight, unladen, to DIN/EU kg 1430 / 1505 (1445 / 1520) Max. load to DIN kg 565 Max. permissible weight kg 1995 (2010) Max. axle load, front/rear kg 955 / 1120 Max. trailer load, braked kg -/ - Max. roof load/max towbar download kg 75 / - Luggage comp. capacity Itr 360 - 1200 Air resistance C _d x A 0.34 x 2.14	1515 / 1590 550 2065
Max. load to DIN kg 565	550 2065
Max. load to DIN kg 565 Max. permissible weight kg 1995 (2010) Max. axle load, front/rear kg 955 / 1120 Max. trailer load, braked (12%)/unbraked kg -/- Max. roof load/max towbar download kg 75 / - Luggage comp. capacity Itr 360 - 1200 Air resistance C _d x A 0.34 x 2.14	2065
Max. permissible weight kg 1995 (2010) Max. axle load, front/rear kg 955 / 1120 Max. trailer load, braked (12%)/unbraked kg -/- Max. roof load/max towbar download kg 75 / - Luggage comp. capacity Itr 360 - 1200 Air resistance C _d x A 0.34 x 2.14	2065
Max. axle load, front/rear kg 955 / 1120 Max. trailer load, braked (12%)/unbraked kg -/- Max. roof load/max towbar download kg 75 / - Luggage comp. capacity Itr 360 - 1200 Air resistance C _d x A 0.34 x 2.14	
Max. trailer load, braked (12%)/unbraked kg -/- Max. roof load/max towbar download kg 75 / - Luggage comp. capacity Itr 360 - 1200 Air resistance C _d x A 0.34 x 2.14	
braked (12%)/unbraked -/- Max. roof load/max towbar download kg 75 / - Luggage comp. capacity Itr 360 - 1200 Air resistance C _d x A 0.34 x 2.14	
Max. roof load/max towbar download kg 75 / - Luggage comp. capacity Itr 360 – 1200 Air resistance C _d x A 0.34 x 2.14	75/-
	707
Air resistance C _d x A 0.34 x 2.14	
	360 – 1200
Power Unit	0.35 x 2.14
Power Unit	
Config./No. of cyls./valves in-line / 6 / 4	in-line / 6 / 4
Engine technology M Performance TwinPower Turbo technology: twin-scroll tu	rbocharger,
High Precision Direct Injection, fully variable valve control (VAL	
Double-VANOS variable camshaft control	
Effective capacity cm ³ 2979	2979
Stroke/bore mm 89.6 / 84.0	89.6 / 84.0
Compression ratio :1 10.2	10.2
Fuel min RON 91	min RON 91
Max. output kW/hp 240 / 326	240 / 326
<u>at rpm 5800 – 6000</u>	5800 – 6000
Max torque Nm 450	450
<u>at rpm 1300 – 4500</u>	1300 – 4500
Electrical System	
	/ luggage comp.
Alternator AW 170 / 2380	170 / 2380
Alternator Alvy 17072360	17072360
Driving Dynamics and Safety	
Suspension, front Aluminium double-joint spring strut axle with M-specific elasi	okinematics
Suspension, rear Five-link axle in lightweight steel construction with double ela	
Brakes, front Four-piston fixed-calliper disc brakes	2000 2000 119
Brakes, rear Twin-piston fixed-calliper disc brakes	
Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction C	Control), CBC
(Cornering Brake Control), DBC (Dynamic Brake Control), Dry B	• • • • • • • • • • • • • • • • • • • •
Fading Compensation, Start-Off Assistant; BMW M135i xDrive:	
all-wheel-drive system in Integrated Chassis Manageme	
Safety equipment Standard: airbags for driver and front passenger, side airbags for	
passenger, head airbags front and rear, three-point inertia-reel	seatbelts on all
seats with belt tensioner and belt force limiter at the f	ront,
crash sensors, Tyre Defect Indicator	
Steering Electric Power Steering (EPS),	
variable sport steering incl. Servotronic function	
Steering ratio, overall :1 14.5	14.6
	5/40 ZR18 88Y/
	35 ZR18 92Y XL
	J x 18 light-alloy/
8J x 18 light-alloy 8	J x 18 light-alloy

			BMW M135i 3-door	BMW M135i xDrive 3-door
Transmissio	n			
Type of transm	= =		6-speed manual (optional: 8-speed 8-	sneed Stentronic snort transmission
. , , , , , , , , , , , , , , , , , , ,			Steptronic sport transmission)	speed deptrome sport transmission
Gear ratios	I	:1	4.110 (4.714)	4.714
	ll l	:1	2.315 (3.143)	3.143
	III	:1	1.542 (2.106)	2.106
	IV	:1	1.179 (1.667)	1.667
	V	:1	1.000 (1.285)	1.285
	VI	:1	0.846 (1.000)	1.000
	VII	:1	- (0.839)	0.839
	VIII	:1	- (0.667)	0.667
	R	:1	3.727 (3.295)	3.295
Final drive		:1	3.077 (3.077)	3.077
Performance	<u> </u>			
Power-to-weig	ght ratio	kg/kW	6.0 (6.0)	6.3
Output per litre	Э	kW/ltr	80.6	80.6
Acceleration	0–100 km/h	S	5.1 (4.9)	4.7
in 5th gear	80-120 km/h	S	5.0 (–)	_
Top speed		km/h	250 (250)	250
BMW Efficier	ntDynamics			
BMW Efficient	:Dynamics		Brake Energy Regeneration v	vith recuperation display,
standard featu	res	1	Electric Power Steering (EPS), Auto Star	rt Stop function, Optimum Gearshift
			Indicator, ECO PRO mode with coasting	ng function (automatic), intelligent
			lightweight construction, optimised ae	rodynamic attributes, on-demand
		0	peration of ancillary units, map-controlle	d oil pump, final drive with optimised
			warm-up behaviour, efficiency- and wei	
			M135i xDrive), tyres with re	educed roll resistance
Fuel Consum	nption EU			
Urban	•	ltr/100 km	10.9 (10.3)	10.8
Extra-urban		ltr/100 km	6.4 (5.9)	6.1
Combined		ltr/100 km	8.0 (7.5)	7.8
CO ₂		g/km	188 (175)	182
		9	100 (170)	102

EU6

EU6

Specifications apply to ACEA markets/data relevant to homologation apply in part only to Germany (weight) BMW M135i: figures in brackets apply to automatic transmission (standard in the BMW M135i xDrive)

Emission rating

¹⁾ Height with roof fin: 1430 mm ²⁾ Oil change

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BMW 116d 3-door.

		BMW 116d 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.	52
Outline and a distribution	ltr	
Cooling system incl. heater	ltr	7.0
Engine oil 2)	ltr	4.4
Weight, unladen, to DIN/EU	kg	1320 / 1395 (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,	kg	
braked (12%)/unbraked	3	1500 / 690
Max. roof load/max towbar download	kg	75 / 75
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C _d x A	0.30 x 2.14
	- u	
Power Unit		
Config./No. of cyls./valves		in-line / 3 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet
g		geometry, common rail direct injection with solenoid valve injectors,
		max. injection pressure: 2,000 bar
Effective capacity	cm ³	1496
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		diesel
Max. output	kW/hp	85 / 116
at		4000
Max torque	rpm	270
	Nm	
at	rpm	1750 – 2250
Electrical System		
Battery/installation	Λ ls /	00 / huggaga comp
Alternator	Ah/– A/W	90 / luggage comp.
Alternator	A/VV	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-pistor floating-calliper disc brakes Single-piston floating-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC
		(Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking
0.61		function, Fading Compensation, Start-Off Assistant
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, band airbags front and roar three point inertia roal
		front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front,
		crash sensors, Tyre Defect Indicator
Steering		Electric Power Steering (EPS),
5		optional: Servotronic function, variable sport steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		195/55 R16 87H
Rims, front/rear		6.5J x 16 steel
o, mornarour		0.50 × 10 steet

			BMW 116d 3-door
Transmission	1		
Type of transm	nission		6-speed manual (optional: 8-speed Steptronic transmission)
Gear ratios		:1	4.002 (5.000)
	II	:1	2.130 (3.200)
	III	:1	1.396 (2.143)
	IV	:1	1.000 (1.720)
	V	:1	0.781 (1.314)
	VI	:1	0.668 (1.000)
	VII	:1	- (0.822)
	VIII	:1	- (0.640)
	R	:1	3.647 (3.456)
Final drive		:1	3.077 (2.647)
Performance			
Power-to-weig	ht ratio	kg/kW	15.5 (15.9)
Output per litre)	kW/ltr	56.8
Acceleration	0–100 km/h	S	10.3 (10.3)
in 5th gear	80-120 km/h	S	11.7
Top speed		km/h	200 (200)
BMW Efficier	ntDvnamics		
BMW Efficient			Brake Energy Regeneration with recuperation display,
standard features		Inc a	ctric Power Steering (EPS), Auto Start Stop function, Optimum Gearshif dicator, ECO PRO mode, intelligent lightweight construction, optimised derodynamic attributes, on-demand operation of ancillary units, map- ntrolled oil pump, detachable a/c compressor, final drive with optimised warm-up behaviour, tyres with reduced roll resistance

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

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

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

BMW 116d EfficientDynamics Edition 3-door.

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		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,		6557 1090
braked (12%)/unbraked	kg	1
Max. roof load/max towbar	ka.	
download	kg	151-
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C _d x A	0.29 x 2.14
711 10010101100	Od v A	0.23 \ 2.14
Power Unit		
Config./No. of cyls./valves		in-line / 3 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet
go tooo.ogy		geometry, common rail direct injection with solenoid valve injectors,
		max. injection pressure: 2,000 bar
Effective capacity	cm ³	1496
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		
	1.1.4.7/1	diesel
Max. output	kW/hp	85 / 116
at	rpm	4000
Max torque	Nm	270
at	rpm	1750 – 2250
Floratorical Constant		
Electrical System	A 1. /	00.11
Battery/installation	Ah/-	90 / luggage comp.
Alternator	A/W	180 / 2520
Driving Dynamics and Safety		
Suspension, front		Aluminium double joint apring atruit avia
Suspension, rear		Aluminium double-joint spring strut axle
		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC
		(Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking
		function, Fading Compensation, Start-Off Assistant
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
		front passenger, head airbags front and rear, three-point inertia-reel
		seatbelts on all seats with belt tensioner and belt force limiter at the front,
Steering		crash sensors, Tyre Defect Indicator
Steering		Electric Power Steering (EPS),
Ctooring ratio as		optional: Servotronic function, variable sport steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		205/55 R16 91V
Rims, front/rear		7J x 16 steel

			BMW 116d EfficientDynamics Edition 3-door
Transmission	n		
Type of transm	nission		6-speed manual
Gear ratios	I	:1	4.002
	II	:1	2.130
	III	:1	1.396
	IV	:1	1.000
	V	:1	0.781
	VI	:1	0.668
	R	:1	3.647
Final drive		:1	2.929
Performance	<u> </u>		
Power-to-weig	ht ratio	kg/kW	15.5
Output per litre	Э	kW/ltr	56.8
Acceleration	0–100 km/h	S	10.4
in 5th gear	80-120 km/h	S	12.9
Top speed		km/h	195

BMW EfficientDynamics 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, detachable a/c compressor, final drive with optimised warm-up behaviour, tyres with reduced roll resistance

Fuel Consumption El	<u>-</u>			
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 ty	res 205/50 R17, with rims 7.5J x 17 ar	nd tyres 225/45 R 17,		
with rims 7.5J x 17 fron	t, 8J x 17 rear and tyres 225/45 R17 fro	ont, 245/40 R17 rear as well as winter tyres		
Urban	ltr/100 km	4.3		
Extra-urban	ltr/100 km	3.4		
Combined	ltr/100 km	3.7		
CO ₂	g/km 98			
With rims 7.5J x 18 fror	t, 8J x 18 rear and tyres 225/40 R18 fr	ont, 245/35 R18 rear		
Urban	ltr/100 km	4.4		
	ltr/100 km	3.5		
Extra-urban				
Extra-urban Combined	ltr/100 km	3.8		
	ltr/100 km g/km	3.8 101		

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

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

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BMW 118d 3-door, BMW 118d xDrive 3-door.

		BMW 118d 3-door B	MW 118d xDrive 3-door
Body			
No. of doors/seats		2/4/5\	2 / 4 / 5
Length/width/height 1) (unladen)	mm	3 / 4 (5) 4329 / 1765 / 1421	3 / 4 (5) 4329 / 1765 / 1421
Wheelbase	mm	2690	2690
Track, front/rear	mm mm	1535 / 1569	1522 / 1556
Ground clearance	mm	133371369	140
Turning circle	m	10.9	11.3
Fuel tank capacity	approx.	52	52
1 dortal in capacity	ltr	32	32
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
	ı.g	(1375 / 1450)	112071130
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,	kg	3337 1333	0.107.1000
braked (12%)/unbraked	9	1500 / 690	1500 / 710
Max. roof load/max towbar download	kg	75 / 75	75 / 75
Luggage comp. capacity	ltr	360 – 1200	360 – 1200
Air resistance	C _d x A	0.30 x 2.14	0.31 x 2.14
7 III 1 COLOCUI 100	O ₀ X / t	0.00 X 2.1 T	0.01 X Z.11 1
Power Unit			
Config./No. of cyls./valves		in-line / 4 / 4	in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger w	
g		common rail direct injection with solenoid	
		max. injection pressure: 2,000	
Effective capacity	cm ³	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 spring str	ut 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 Con	trol), Dry Braking function,
		Fading Compensation, Start-Off Assistant; BMW 11	8d xDrive: linked to xDrive
		all-wheel-drive system in Integrated Chassis I	Management (ICM)
Safety equipment	;	Standard: airbags for driver and front passenger, side	
		passenger, head airbags front and rear, three-point in	
		seats with belt tensioner and belt force lim	
Cha avia a		crash sensors, Tyre Defect India	
Steering		Electric Power Steering (EPS	••
Ota a dia a matia a manuali		optional: Servotronic function, variable s	
Steering ratio, overall	:1	15.0	15.1
Tyres, front/rear		195/55 R16 87W	205/55 R16 91V
Rims, front/rear		6.5J x 16 steel	7J x 16 steel

			BMW 118d 3-door	BMW 118d xDrive 3-door
Transmission				
Type of transmission		(S-speed manual (optional: 8-speed	6-speed manual
			Steptronic transmission)	
Gear ratios		:1	4.002 (5.000)	4.110
	II	:1	2.130 (3.200)	2.248
	III	:1	1.396 (2.143)	1.403
	IV	:1	1.000 (1.720)	1.000
	V	:1	0.781 (1.314)	0.802
	VI	:1	0.668 (1.000)	0.659
	VII	:1	- (0.822)	_
	VIII	:1	- (0.640)	-
	R	:1	3.647 (3.456)	3.727
Final drive		:1	3.077 (2.647)	3.154
Performance				
Power-to-weight ratio		kg/kW	12.3 (12.5)	12.9
Output per litre		kW/ltr	55.1	55.1
Acceleration 0–1	00 km/h	S	8.3 (8.1)	8.4
in 5th gear 80-	120 km/h	S	9.2 (-)	9.5
Top speed		km/h	212 (212)	210
DAMA/ Efficient Dome				

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, detachable a/c compressor, final drive with optimised warm-up behaviour, efficiency- and weight-optimised transfer case (BMW 118d xDrive), tyres with reduced roll resistance

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

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

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

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BMW 120d 3-door, BMW 120d xDrive 3-door.

		BMW 120d 3-door BMW	120d xDrive 3-door
Body			
No. of doors/seats		2/4/5\	2/4/5\
Length/width/height 1) (unladen)	mm	3 / 4 (5) 4329 / 1765 / 1421	3 / 4 (5) 4329 / 1765 / 1421
Wheelbase	mm	2690	2690
Track, front/rear	mm mm	1521 / 1556	1522 / 1556
Ground clearance	mm	140	140
Turning circle	m	10.9	11.3
Fuel tank capacity	approx.	52	52
. do. ta capacity	ltr	32	32
Cooling system incl. heater	ltr	7.0	7.0
Engine oil 2)	ltr	5.0	5.0
Weight, unladen, to DIN/EU	kg	1370 / 1445	1450 / 1525
3 4, 1 1 1 7 1	9	(1385 / 1460)	110071020
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,	kg	3007.1000	0,0,1000
braked (12%)/unbraked	1.9	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: turbocharger with va common rail direct injection with solenoid valve max. injection pressure: 2,000 bar	
Effective capacity	cm ³	1995	1995
Stroke/bore	mm	90.0 / 84.0	90.0 / 84.0
Compression ratio	:1	16.5	16.5
Max. output	Id M//bas		diesel 140 / 190
at at	kW/hp		
Max torque	rpm	4000	4000
	Nm	400	400
at	rpm	1750 – 2500	1750 – 2500
Electrical System			
Battery/installation	Ah/–	90 / luggage comp.	90 / luggage comp.
Alternator	A/W	150 / 2100	150 / 2100
Driving Dynamics and Safety	,		
Suspension, front		Aluminium double-joint spring strut ax	de
Suspension, rear		Five-link axle in lightweight steel construction with dou	ıble elastic bearing
Brakes, front		Single-piston floating-calliper disc brak	es
Brakes, rear		Single-piston floating-calliper disc brak	ces
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Trad	
		(Cornering Brake Control), DBC (Dynamic Brake Control), Fading Compensation, Start-Off Assistant; BMW 120d xl all-wheel-drive system in Integrated Chassis Mana	Drive: linked to xDrive
Safety equipment	!	Standard: airbags for driver and front passenger, side airba passenger, head airbags front and rear, three-point inertic seats with belt tensioner and belt force limiter a crash sensors, Tyre Defect Indicator	a-reel seatbelts on all at the front,
Steering		Electric Power Steering (EPS),	
-		optional: Servotronic function, variable sport	steering
Steering ratio, overall	:1	15.0	15.1
Tyres, front/rear		205/55 R16 91V	205/55 R16 91V
Rims, front/rear		7J x 16 steel	7J x 16 steel
		. 3 // 10 01001	. 5 % 10 01001

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

BMW EfficientDynamics 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, detachable a/c compressor, final drive with optimised warm-up behaviour, efficiency- and weight-optimised transfer case (BMW 120d xDrive), tyres with reduced roll resistance

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

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

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

BMW 125d 3-door.

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		BMW 125d 3-door
Body		
No. of doors/seats		3 / 4 (5)
Length/width/height 1) (unladen)	mm	4329 / 1765 / 1421
Wheelbase	mm	2690
Track, front/rear	mm	1521 / 1556
Ground clearance	mm	140
Turning circle	m	10.9
Fuel tank capacity	approx.	52
. acream capacity	ltr	J.L
Cooling system incl. heater	ltr	7.0
Engine oil 2)	ltr	5.0
Weight, unladen, to DIN/EU	kg	1425 / 1500
Max. load to DIN	kg	565
Max. permissible weight	kg	1990
Max. axle load, front/rear	kg	940 / 1090
Max. trailer load,	Kg	
braked (12%)/unbraked	9	1500 / 740
Max. roof load/max towbar	kg	75/75
download		
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-pressure
		and variable-geometry turbocharger, common rail direct injection with
=======================================		solenoid valve injectors, max. injection pressure: 2,500 bar
Effective capacity	cm ³	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
Flactuical Contains		
Electrical System	A I. /	00 !!
Battery/installation	Ah/-	90 / luggage comp.
Alternator	A/W	150 / 2100
Driving Dynamics and Safety		
Suspension, front		Alternative desired internation at the total
Suspension, rear		Aluminium double-joint spring strut axle
Brakes, front		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, rear		Single-piston floating-calliper disc brakes
Driving stability systems		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
carety equipment		front passenger, head airbags front and rear, three-point inertia-reel
		seatbelts on all seats with belt tensioner and belt force limiter at the front,
		crash sensors, Tyre Defect Indicator
Steering		Electric Power Steering (EPS),
		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

			BMW 125d 3-door
Transmission			
Type of transm			8-speed Steptronic transmission
Gear ratios		:1	5,000
Gear ratios	<u>'</u>	: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	11	:1	2.647
i iliai dilve			2.047
Performance			
Power-to-weight	ht ratio	kg/kW	8.6
Output per litre	!	kW/ltr	82.7
Acceleration	0–100 km/h	S	6.3
in 5th gear	80-120 km/h	S	_
Top speed		km/h	240
BMW Efficien			
BMW EfficientI standard featur	,		Brake Energy Regeneration with recuperation display, lectric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode with coasting function, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, final drive with optimised warm-up behaviour, tyres with reduced roll resistance
Fuel Consum	ntion FU 3)		
With standard t	<u> </u>		
Urban	.,	ltr/100 km	5.1
Extra-urban		Itr/100 km	3.9
Combined		ltr/100 km	4.3
CO ₂		g/km	114
With rims 7.5J	x 17 and tyres 22	5/45 R 17 as w	vell as winter tyres,
			225/45 R17 front, 245/40 R17 rear,
with rims 7.5J	x 18 front, 8J x 18	rear and tyres	225/40 R18 front, 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	1		EU6

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

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

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		BMW 116i 5-door
Body		
No. of doors/seats		EIE
Length/width/height 1) (unladen)	mm	5 / 5 4329 / 1765 / 1421
Wheelbase	mm	43297176371421 2690
Track, front/rear	mm	
Ground clearance	mm	1535 / 1569
Turning circle	mm	140
Fuel tank capacity	m	10.9
гиет тапк сарастту	approx.	52
Cooling system incl. heater	ltr Itr	7.7
Engine oil 2)	ltr	4.25
Weight, unladen, to DIN/EU		1305 / 1380
Max. load to DIN	kg	
Max. permissible weight	kg	
Max. axle load, front/rear	kg	
Max. trailer load,	kg	850 / 1090
braked (12%)/unbraked	kg	1200 / 650
Max. roof load/max towbar	ka	75/75
download	kg	13113
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C _d x A	0.31 x 2.14
		••• •••
Power Unit		
Config./No. of cyls./valves		in-line / 3 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger,
3		High Precision Direct Injection, fully variable valve control (VALVETRONIC),
		Double-VANOS variable camshaft control
Effective capacity	cm ³	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	4500 – 6000
Max torque	Nm	180
at	rpm	1250
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,
Ctaorina		crash sensors, Tyre Defect Indicator
Steering		Electric Power Steering (EPS),
Stooring ratio overall		optional: Servotronic function, variable sport steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		195/55 R16 87H
Rims, front/rear		6.5J x 16 steel

			BMW 116i 5-door	
Transmission				
Type of transmiss	sion		6-speed manual	
Gear ratios		:1	4.552	
	II	:1	2.548	
	III	:1	1.659	
	IV	:1	1.230	
	V	:1	1.000	
	VI	:1	0.830	
	R	:1	4.138	
Final drive		:1	2.813	
Performance				
Power-to-weight	ratio	kg/kW	16.3	
Output per litre		kW/ltr	53.4	
Acceleration	0–100 km/h	S	10.9	
in 5th gear	80-120 km/h	S	14.8	
Top speed		km/h	195	

BMW EfficientDynamics 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, detachable a/c compressor, final drive with optimised warm-up behaviour, tyres with reduced roll resistance

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

Specifications apply to ACEA markets/data relevant to homologation apply in part only to Germany (weight) $^{1)}$ Height with roof fin: 1440 mm $^{2)}$ Oil change $^{3)}$ Fuel consumption and CO_2 emission figures depend on the selected tyre format

BMW 118i 5-door, BMW 120i 5-door.

		BMW 118i 5-door	BMW 120i 5-door
Body			
No. of doors/seats		5/5	5/5
Length/width/height 1) (unladen)	mm	4329 / 1765 / 1421	4329 / 1765 / 1421
Wheelbase	mm	2690	2690
Track, front/rear	mm	1535 / 1569	1535 / 1569
Ground clearance	mm	140	140
Turning circle	m	10.9	10.9
Fuel tank capacity	approx. Itr	52	52
Cooling system incl. heater	ltr	6.4 (7.0)	6.4 (7.0)
Engine oil 2)	ltr	4.2	4.2
Weight, unladen, to DIN/EU		1300 / 1375	1305 / 1380
Weight, unladen, to bitvico	kg		
Max. load to DIN	1	(1320 / 1395)	(1320 / 1395)
	kg	565	565
Max. permissible weight	kg	1865 (1885)	1870 (1885)
Max. axle load, front/rear	kg	865 / 1090	870 / 1090
Max. trailer load,	kg	1200 / 650	1200 / 670
braked (12%)/unbraked Max. roof load/max towbar	kg	75 / 75	75 / 75
download			
Luggage comp. capacity	ltr	360 – 1200	360 – 1200
<u>Air resistance</u>	C _d x A	0.31 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: twin-scrol	
		High Precision Direct Injection, fully variable valve con Double-VANOS variable camshaft co	trol (VALVETRONIC),
Effective capacity	cm ³	1598	1598
Stroke/bore	mm	85.8 / 77.0	85.8 / 77.0
Compression ratio	:1	10.5	10.5
Fuel		min RON 91	min RON 91
Max. output	kW/hp	100 / 136	130 / 177
at		4400 – 6450	4800 – 6450
	rpm		
Max torque	Nm	220	250
at	rpm	1350 – 4300	1500 – 4500
Electrical System			
Battery/installation	Ah/-	80 / luggage comp.	80 / luggage comp
Alternator	A/W	170 / 2380	170 / 2380
Driving Dynamics and Safety	,		
Suspension, front		Aluminium double-joint spring strut	axle
Suspension, rear		Five-link axle in lightweight steel construction with do	
Brakes, front		Single-piston floating-calliper disc br	
Brakes, rear		Single-piston floating-calliper disc br	
		<u> </u>	
Driving stability systems	(Standard: DSC incl. ABS, ASC and DTC (Dynamic Tr (Cornering Brake Control), DBC (Dynamic Brake Contro	l), Dry Braking function,
		Fading Compensation, Start-Off Assi	
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,		
Ctooring		crash sensors, Tyre Defect Indicat	UI
Steering		Electric Power Steering (EPS),	4 - 4 2
<u> </u>		optional: Servotronic function, variable spo	
Steering ratio, overall	:1	15.0	15.0
Tyres, front/rear		195/55 R16 87H	195/55 R16 87W
Rims, front/rear		6.5J x 16 steel	6.5J x 16 steel

			BMW 118i 5-door	BMW 120i 5-door
Transmission				
Type of transmission	on		6-speed manual (optional: 8-speed Ste	ptronic transmission)
Gear ratios		:1	4.552 (4.714)	4.552 (4.714)
	II	:1	2.548 (3.143)	2.548 (3.143)
	III	:1	1.659 (2.106)	1.659 (2.106)
	IV	:1	1.230 (1.667)	1.230 (1.667)
	V	:1	1.000 (1.285)	1.000 (1.285)
	VI	:1	0.830 (1.000)	0.830 (1.000)
	VII	:1	- (0.839)	- (0.839)
	VIII	:1	- (0.667)	- (0.667)
	R	:1	4.138 (3.295)	4.138 (3.295)
Final drive		:1	2.813 (3.077)	3.077 (3.077)
Performance				
Power-to-weight ra	atio	kg/kW	13.0 (13.2)	10.0 (10.2)
Output per litre		kW/ltr	62.6	81.4
Acceleration 0	⊢100 km/h	S	8.5 (8.7)	7.4 (7.2)
in 5th gear 8	0-120 km/h	S	10.6 (–)	8.8 (–)
Top speed		km/h	210 (210)	225 (222)

BMW EfficientDynamics standard features

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

	3)		
Fuel Consumption	EU ³⁷		
With standard tyres, r	ims 7J x 16 and tyres 205/55 R16 a	s well as winter tyres	
Urban	ltr/100 km	7.0 (7.2)	7.4 (7.1)
Extra-urban	ltr/100 km	4.5 (4.6)	4.7 (4.6)
Combined	ltr/100 km	5.4 (5.6)	5.7 (5.6)
CO ₂	g/km	125 (129)	132 (129)
With rims 7J x 17 and	tyres 205/50 R17, with rims 7.5J x	17 and tyres 225/45 R 17,	
with rims 7.5J x 17 from	ont, 8J x 17 rear and tyres 225/45 R	17 front, 245/40 R17 rear	
Urban	ltr/100 km	7.2 (7.4)	7.6 (7.4)
Extra-urban	ltr/100 km	4.6 (4.8)	4.8 (4.8)
Combined	ltr/100 km	5.6 (5.7)	5.8 (5.7)
CO ₂	g/km	129 (133)	136 (133)
With rims 7.5J x 18 fr	ont, 8J x 18 rear and tyres 225/40 F	R18 front, 245/35 R18 rear	
Urban	ltr/100 km	7.4 (7.6)	7.8 (7.6)
Extra-urban	ltr/100 km	4.7 (4.9)	4.9 (4.9)
Combined	ltr/100 km	5.7 (5.9)	6.0 (5.9)
CO ₂	g/km	133 (137)	139 (137)
Emission rating	·	EU6	EU6

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

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

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BMW 125i 5-door.

		BMW 125i 5-door
Body		
No. of doors/seats		5/5
Length/width/height 1) (unladen)	mm	4329 / 1765 / 1421
Wheelbase	mm	2690
Track, front/rear	mm	1521 / 1556
Ground clearance	mm	140
Turning circle	m	10.9
Fuel tank capacity	approx.	52
	ltr	
Cooling system incl. heater	ltr	7.0 (7.6)
Engine oil 2)	ltr	5.0
Weight, unladen, to DIN/EU	kg	1355 / 1430
		(1375 / 1450)
Max. load to DIN	kg	565
Max. permissible weight	kg	1920 (1940)
Max. axle load, front/rear	kg	895 / 1120
Max. trailer load,	kg	·
braked (12%)/unbraked	9	1200 / 680
Max. roof load/max towbar	kg	75 / 75
download	9	
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C _d x A	0.32 x 2.14
	-	
Power Unit		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: twin-scroll turbocharger,
g		High Precision Direct Injection, fully variable valve control (VALVETRONIC),
		Double-VANOS variable camshaft control
Effective capacity	cm ³	1997
Stroke/bore	mm	90.1 / 84.0
Compression ratio	:1	10.0
Fuel		min RON 91
Max. output	kW/hp	160 / 218
at		
	rpm	5000
Max torque	Nm	310
at	rpm	1350 – 4800
Electrical System		
Battery/installation	Ah/–	80 / luggage comp.
Alternator	A/W	170 / 2380
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
3 , ,		(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
Carety equipment		
odicty equipment		seatbelts on all seats with belt tensioner and belt force limiter at the front,
Steering		seatbelts on all seats with belt tensioner and belt force limiter at the front,
		seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, Tyre Defect Indicator
	:1	seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, Tyre Defect Indicator Electric Power Steering (EPS),
Steering	:1	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

			BMW 125i 5-door	
Transmission				
			C	
Type of transmission			6-speed manual (optional: 8-speed Steptronic transmission)	
Gear ratios	<u> </u>	:1	3.683 (4.714)	
	<u> </u>	:1	2.062 (3.143)	
	III	:1	1.313 (2.106)	
	IV	:1	1.000 (1.667)	
	V	:1	0.809 (1.285)	
	VI	:1	0.677 (1.000)	
	VII	:1	– (0.839)	
	VIII	:1	- (0.667)	
	R	:1	3.348 (3.295)	
Final drive		:1	3.909 (3.077)	
Performance	<u> </u>			
Power-to-weig	ght ratio	kg/kW	8.5 (8.6)	
Output per litre	е	kW/ltr	80.1	
Acceleration	0–100 km/h	S	6.4 (6.2)	
in 5th gear	80-120 km/h	S	7.5	
Top speed		km/h	245 (243)	
BMW Efficier	ntDvnamics			
BMW Efficient			Brake Energy Regeneration with recuperation display,	
standard featu		Electric Power Steering (EPS), Auto Start Stop function, Optimum		
		G	earshift Indicator, ECO PRO mode with coasting function (automatic),	
			elligent lightweight construction, optimised aerodynamic attributes, on-	
		d	emand operation of ancillary units, map-controlled oil pump, final drive	
			with optimised warm-up behaviour, tyres with reduced roll resistance	
	=3)			
Fuel Consum				
With standard	tyres			

Fuel Consumption E	U "'		
With standard tyres			
Urban	ltr/100 km	8.6 (8.5)	
Extra-urban	ltr/100 km	5.4 (5.1)	
Combined	ltr/100 km	6.6 (6.3)	
CO ₂	g/km	154 (148)	
With rims 7.5J x 17 and	d tyres 225/45 R 17 as well as winter ty	res,	
with rims 7.5J x 17 from	nt, 8J x 17 rear and tyres 225/45 R17 fr	ont, 245/40 R17 rear,	
with rims 7.,5J x 18 fro	nt, 8J x 18 rear and tyres 225/40 R18 f	ront, 245/35 R18 rear	
Urban	ltr/100 km	8.9 (8.7)	
Extra-urban	ltr/100 km	5.4 (5.2)	
Combined	ltr/100 km	6.7 (6.5)	
CO ₂	g/km	157 (151)	
Emission rating		FU6	

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

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

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BMW M135i 5-door, BMW M135i xDrive 5-door.

		BMW M135i 5-door	BMW M135i xDrive 5-door
D			
Body			
No. of doors/seats		5/5	5/5
Length/width/height 1) (unladen)	mm	4324 / 1765 / 1411	4324 / 1765 / 1411
Wheelbase	mm	2690	2690
Track, front/rear	mm	1516 / 1534	1516 / 1534
Ground clearance	mm	130	130
Turning circle	m	10.9	11.3
Fuel tank capacity	approx. Itr	52	52
Cooling system incl. heater	ltr	6.9 (7.1)	7.1
Engine oil 2)	ltr	6.5	6.5
Weight, unladen, to DIN/EU	kg	1430 / 1505 (1450 / 1525)	1520 / 1595
Max. load to DIN	kg	565	550
Max. permissible weight	kg	1995 (2015)	2070
Max. axle load, front/rear	kg	955 / 1120	1010 / 1120
Max. trailer load,	kg		101071120
braked (12%)/unbraked			-1-
Max. roof load/max towbar download	kg		75/-
Luggage comp. capacity	ltr	360 – 1200	360 – 1200
Air resistance	C _d x A	0.34 x 2.14	0.35 x 2.14
Power Unit			
Config./No. of cyls./valves		in-line / 6 / 4	in line / 6 / 4
Engine technology		M Performance TwinPower Turbo techno	in-line / 6 / 4
Engine technology		High Precision Direct Injection, fully variable Double-VANOS variable ca	valve control (VALVETRONIC),
Effective capacity	cm ³	2979	2979
Stroke/bore	mm	89.6 / 84.0	89.6 / 84.0
Compression ratio	:1	10.2	10.2
Fuel		min RON 91	min RON 91
Max. output	kW/hp	240 / 326	240 / 326
at	rpm	5800 – 6000	5800 – 6000
Max torque	Nm	450	450
at	rpm	1300 – 4500	1300 – 4500
Electrical System			
Battery/installation	Ah/-	80 / luggage comp.	80 / luggage comp.
Alternator	A/W	170 / 2380	170 / 2380
, tromaco:	7-000	17072000	17072330
Driving Dynamics and Safety			
Suspension, front		Aluminium double-joint spring strut axle wi	
Suspension, rear		Five-link axle in lightweight steel construct	<u>~</u>
Brakes, front		Four-piston fixed-callipe	r disc brakes
Brakes, rear		Twin-piston fixed-callipe	
Driving stability systems	(Standard: DSC incl. ABS, ASC and DTC (D (Cornering Brake Control), DBC (Dynamic Bra	•
	F	Fading Compensation, Start-Off Assistant; BN all-wheel-drive system in Integrated Cl	
Safety equipment	5	Standard: airbags for driver and front passenge	
		passenger, head airbags front and rear, three seats with belt tensioner and belt for	-point inertia-reel seatbelts on all orce limiter at the front,
Observation		crash sensors, Tyre Defe	
Steering		Electric Power Steering	9
Steering ratio, overall	:1	variable sport steering incl. Se	ervotronic function 14.6
	1	225/40 ZR18 88Y/	225/40 ZR18 88Y/
Tyres, front/rear			
Tyres, front/rear		245/35 ZR18 92Y XL	245/35 ZR18 92Y XL
Tyres, front/rear Rims front/rear			

			BMW M135i 5-door	BMW M135i xDrive 5-door
Transmission	1			
Type of transm	=		6-speed manual (optional: 8-speed	8-speed Steptronic sport transmission
7 1			Steptronic sport transmission)	o opeou otopa orne opera a anormodor.
Gear ratios	I	:1	4.110 (4.714)	4.714
	II	:1	2.315 (3.143)	3.143
	III	:1	1.542 (2.106)	2.106
	IV	:1	1.179 (1.667)	1.667
	V	:1	1.000 (1.285)	1.285
	VI	:1	0.846 (1.000)	1.000
	VII	:1	- (0.839)	0.839
	VIII	:1	- (0.667)	0.667
	R	:1	3.727 (3.295)	3.295
Final drive		:1	3.077 (3.077)	3.077
Performance				
Power-to-weig	ht ratio	kg/kW	6.0 (6.0)	6.3
Output per litre)	kW/ltr	80.6	80.6
Acceleration	0-100 km/h	S	5.1 (4.9)	4.7
in 5th gear	80-120 km/h	S	5.0 (–)	_
Top speed		km/h	250 (250)	250
BMW Efficien	ntDynamics			
BMW Efficient[Brake Energy Regeneratio	n with recuperation display,
standard featur	es			Start Stop function, Optimum Gearshift
			Indicator, ECO PRO mode with coa	sting function (automatic), intelligent
			lightweight construction, optimised	aerodynamic attributes, on-demand
		c	pperation of ancillary units, map-contro	olled oil pump, final drive with optimised
			warm-up behaviour, efficiency- and v	veight-optimised transfer case (BMW
			M135i xDrive), tyres wit	h reduced roll resistance
Fuel Consum	ption EU			
Urban		ltr/100 km	10.9 (10.3)	10.8
Extra-urban		ltr/100 km	6.4 (5.9)	6.1
Combined		ltr/100 km	8.0 (7.5)	7.8
CO ₂		g/km	188 (175)	182

Specifications apply to ACEA markets/data relevant to homologation apply in part only to Germany (weight) BMW M135i: figures in brackets apply to automatic transmission (standard in the BMW M135i xDrive)

¹⁾ Height with roof fin: 1430 mm ²⁾ Oil change

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		BMW 116d 5-door
Dady		
Body No. of doors/seats		5.15
Length/width/height 1) (unladen)		5/5
Wheelbase	mm	4329 / 1765 / 1421
* * * * * * * * * * * * * * * * * * * *	mm	2690
Track, front/rear	mm	1535 / 1569
Ground clearance	mm	140
Turning circle	m	10.9
Fuel tank capacity	approx. Itr	52
Cooling system incl. heater	ltr	7.0
Engine oil 2)	ltr	4.4
Weight, unladen, to DIN/EU	kg	1320 / 1395
	Ng	(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,	kg	
braked (12%)/unbraked		1500 / 690
Max. roof load/max towbar download	kg	75 / 75
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C _d x A	0.30 x 2.14
Power Unit		
Config./No. of cyls./valves		in-line / 3 / 4
Engine technology		
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet
		geometry, common rail direct injection with solenoid valve injectors,
Г#		max. injection pressure: 2,000 bar
Effective capacity	cm ³	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
	7-000	1001 2320
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
2g otdoty cycloto		(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
Salety equipment		front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, Tyre Defect Indicator
Steering		Electric Power Steering (EPS),
··· · 9		optional: Servotronic function, variable sport steering
Steering ratio, overall	:1	15.0
Tyres, front/rear	.1	195/55 R16 87H
Rims, front/rear		6.5J x 16 steel

			BMW 116d 5-door
Transmission			
Type of transmiss	sion		6-speed manual (optional: 8-speed Steptronic transmission)
Gear ratios	I	:1	4.002 (5.000)
	II	:1	2.130 (3.200)
	III	:1	1.396 (2.143)
	IV	:1	1.000 (1.720)
	V	:1	0.781 (1.314)
	VI	:1	0.668 (1.000)
	VII	:1	- (0.822)
	VIII	:1	- (0.640)
	R	:1	3.647 (3.456)
Final drive		:1	3.077 (2.647)
Performance			
Power-to-weight	ratio	kg/kW	15.5 (15.9)
Output per litre		kW/ltr	56.8
Acceleration	0–100 km/h	S	10.3 (10.3)
in 5th gear	80-120 km/h	S	11.7
Top speed		km/h	200 (200)

BMW EfficientDynamics 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, detachable a/c compressor, final drive with optimised warm-up behaviour, tyres with reduced roll resistance

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

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

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

BMW 116d EfficientDynamics Edition 5-door.

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		BMW 116d EfficientDynamics Edition 5-door
		•
Body		
No. of doors/seats		5/5
Length/width/height 1) (unladen)	mm	4329 / 1765 / 1413
Wheelbase	mm	2690
Track, front/rear	mm	1523 / 1558
Ground clearance	mm	132
Turning circle	m	10.9
Fuel tank capacity	approx.	52
	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,		8557 1090
braked (12%)/unbraked	kg	
Max. roof load/max towbar		
download	kg	151-
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C _d x A	0.29 x 2.14
7 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	O _d x A	0.23 \ 2.14
Power Unit		
Config./No. of cyls./valves		in-line / 3 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet
g		geometry, common rail direct injection with solenoid valve injectors,
		max. injection pressure: 2,000 bar
Effective capacity	cm ³	1496
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		
	1.147//	diesel
Max. output	kW/hp	85 / 116
at	rpm	4000
Max torque	Nm	270
at	rpm	1750 – 2250
Floratorical Constant		
Electrical System		00.11
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,
Steering		crash sensors, Tyre Defect Indicator
Steering		Electric Power Steering (EPS),
Ctooring ratio as		optional: Servotronic function, variable sport steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		205/55 R16 91V
Rims, front/rear		7J x 16 steel

			BMW 116d EfficientDynamics Edition 5-door
Transmission	n		
Type of transm	nission		6-speed manual
Gear ratios	I	:1	4.002
	II	:1	2.130
	III	:1	1.396
	IV	:1	1.000
	V	:1	0.781
	VI	:1	0.668
	R	:1	3.647
Final drive		:1	2.929
Performance			
Power-to-weig	ht ratio	kg/kW	15.5
Output per litre	9	kW/ltr	56.8
Acceleration	0–100 km/h	S	10.4
in 5th gear	80-120 km/h	S	12.9
Top speed		km/h	195

BMW EfficientDynamics 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, detachable a/c compressor, final drive with optimised warm-up behaviour, tyres with reduced roll resistance

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

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

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

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BMW 118d 5-door, BMW 118d xDrive 5-door.

		BMW 118d 5-door BMW	/ 118d xDrive 5-door
Body			
No. of doors/seats		5/5	5/5
Length/width/height 1) (unladen)	mm	4329 / 1765 / 1421	4329 / 1765 / 1421
Wheelbase	mm	2690	2690
Track, front/rear	mm mm	1535 / 1569	1522 / 1556
Ground clearance	mm	140	13227 1330
Turning circle	m	10.9	11.3
Fuel tank capacity	approx.	52	52
T don tarm oupdoing	ltr	32	52
Cooling system incl. heater	ltr	7.0	7.0
Engine oil 2)	ltr	5.0	5.0
Weight, unladen, to DIN/EU	kg	1350 / 1425	1425 / 1500
- 3 -, ,	9	(1375 / 1450)	1 1207 1000
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,	kg		
braked (12%)/unbraked	9	1500 / 690	1500 / 710
Max. roof load/max towbar download	kg	75 / 75	75 / 75
Luggage comp. capacity	ltr	360 – 1200	360 – 1200
Air resistance	C _d x A	0.30 x 2.14	0.31 x 2.14
Power Unit			
Config./No. of cyls./valves		in-line / 4 / 4	in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with common rail direct injection with solenoid val max. injection pressure: 2,000 bar	ve injectors,
Effective capacity	cm ³	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
Atternator	AVV	13072100	13072100
Driving Dynamics and Safety	,		
Suspension, front		Aluminium double-joint spring strut a	axle
Suspension, rear		Five-link axle in lightweight steel construction with do	
Brakes, front		Single-piston floating-calliper disc bra	
Brakes, rear		Single-piston floating-calliper disc bra	
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Tra	
3 , ., .,		(Cornering Brake Control), DBC (Dynamic Brake Control) Fading Compensation, Start-Off Assistant; BMW 118d : all-wheel-drive system in Integrated Chassis Man), Dry Braking function, Drive: linked to xDrive
Safety equipment	Ç	Standard: airbags for driver and front passenger, side airb passenger, head airbags front and rear, three-point inert seats with belt tensioner and belt force limiter	pags for driver and front ia-reel seatbelts on all at the front,
Steering		crash sensors, Tyre Defect Indicator Electric Power Steering (EPS),	וע
		optional: Servotronic function, variable spor	t steering
Steering ratio, overall	:1	15.0	15.1
Tyres, front/rear		195/55 R16 87W	205/55 R16 91V
Rims, front/rear		6.5J x 16 steel	7J x 16 stee
o, monurous		0:00 ¥ 10 9fcci	73 x 10 stee

			BMW 118d 5-door	BMW 118d xDrive 5-door
Transmission				
Type of transm	ission	6	6-speed manual (optional: 8-speed	6-speed manual
			Steptronic transmission)	
Gear ratios	I	:1	4.002 (5.000)	4.110
	II	:1	2.130 (3.200)	2.248
	III	:1	1.396 (2.143)	1.403
	IV	:1	1.000 (1.720)	1.000
	V	:1	0.781 (1.314)	0.802
	VI	:1	0.668 (1.000)	0.659
	VII	:1	- (0.822)	_
	VIII	:1	- (0.640)	_
	R	:1	3.647 (3.456)	3.727
Final drive		:1	3.077 (2.647)	3.154
Performance				
Power-to-weigh	nt ratio	kg/kW	12.3 (12.5)	13.0
Output per litre		kW/ltr	55.1	55.1
Acceleration	0–100 km/h	S	8.3 (8.1)	8.4
in 5th gear	80-120 km/h	S	9.2 (–)	9.5
Top speed		km/h	212 (212)	210

BMW 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, detachable a/c compressor, final drive with optimised warm-up behaviour, efficiency- and weight-optimised transfer case (BMW 118d xDrive), tyres with reduced roll resistance

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

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

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

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BMW 120d 5-door, BMW 120d xDrive 5-door.

Ground clearance mm 140 Turning circle m 10.9 Fuel tank capacity approx. Itr Cooling system incl. heater Itr 7.0 Engine oil **I Itr 5.0 Weight, unladen, to DIN/EU kg 1375/1450 145 Max. load to DIN kg 565 Max. permissible weight kg 1940 (1955) Max. axel load, front/rear kg 900 / 1090 97 Max. trailer load, braked (12%)/unbraked kg 1500 / 710 15 Max. roof load/max towbar download kg 75 / 75 4 Max. roof load/max towbar download kg 75 / 75 4 Fower Unit Config./No. of cyls./valves in-line / 4 / 4 in-line			BMW 120d 5-door BM	W 120d xDrive 5-door
No. of doors/seats	Body			
Lengthwidthheight 1 (unladen) mm 4329 / 1765 / 1421 4329 / 176 / 176 4329 / 176 / 176 4329 / 176 / 176 4329 / 176 / 176 / 176 / 176 / 176 / 176 /			E I E	5/5
Wheelbase mm 2690 Track, front/rear mm 1521/1556 152 Ground clearance mm 140 152 Turning circle m 10.9 Full tank capacity approx. 52 Fuel tank capacity approx. 52 1st Cooling system incl. heater Itr 7.0 Tengine oil 20 1st 7.0 Engine oil 20 Itr 5.0 1st 5.0 1st 1st 3.0 1st 3.0 1st 3.0 1st				
Track, front/rear mm 1521/1556 152 Ground clearance mm 140 Turning circle m 10.9 Fuel tank capacity approx. 52 Fuel tank capacity itr 7.0 Engine oil ³ ltr 5.0 Weight, unladen, to DINVEU kg 1375/1450 148 Weight, unladen, to DINVEU kg 1375/1450 148 Max. load to DIN kg 565 5 Max. permissible weight kg 900 / 1090 95 Max. permissible weight kg 900 / 1090 95 Max. trailer load, kg g 1500 / 710 11 Max. trailer load, kg g 75 / 75 12 download kg 75 / 75 12 Max. roof loadimax towbar download kg 75 / 75 12 Air resistance C _d x A 0.30 x 2.14 0. Power Unit in-line I 4 / 4 in-leng I 4 / 4 in-leng I 4 / 4 in-leng I 4 / 4				<u>43297176571421</u> 2690
Ground clearance mm 140 Turning circle m 10.9 Fuel tank capacity approx. 52 Itr Cooling system incl. heater Itr 7.0 Engine oil 21 Itr 5.0 Weight, unladen, to DINYEU kg 1375 / 1450 145 Max. load to DIN kg 1375 / 1450 145 Max. load to DIN kg 9 565 Max. railer load, kg 900 / 1090 99 Max. trailer load, kg 900 / 1090 99 Max. trailer load, kg 75 / 75 Max. axel load, front/rear kg 900 / 1090 99 Max. trailer load, kg 75 / 75 Max. racef load/max towbar download Luggage comp. capacity Itr 360 – 1200 36 Air resistance C _d x A 0.30 x 2.14 0. Power Unit Config./No. of cyls./valves in-line / 4 / 4 in-l Engine technology BMW TwinPower Turbo technology: turbocharger with variable inlet gr common rail direct injection with solenoid valve injectors, max. injection pressure: 2,000 bar Effective capacity cm³ 1995 Strokelbore mm 90.0 / 84.0 90 Compression ratio :1 1.55 Fuel diesel Max. output kWhp 140 / 190 155 Fuel diesel Max. output kWhp 140 / 190 156 Max. torque Nm 400 Max torque Nm 400 Max torque Nm 400 Alternator Aww 150 / 2100 155 Electrical System Battery/installation Ah/- 90 / luggage comp. 90 / lugga Alternator Aww 150 / 2100 155 Electrical System Battery/installation Ah/- 90 / luggage comp. 90 / lugga Rakes, front Brakes, froat Single-piston floating-calliper disc brakes Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control) (Cornering Brake Control), DBC (Dynamic Brake Control), DBY Gailering passenger, head airbags front and rear, three-point inertia-reel seatbel seats with belt ensoined and belt force limiter at the front, crash sensors, Tyre Defect Indicator Steering Electric Power Tscering (EPS), optionit Sevortonic function, variable sport steering				1522 / 1556
Turning circle				13227 1330
Fuel tank capacity				11.3
Itr				52
Cooling system incl. heater	Tuer turn capacity		32	JZ
Engine oil 2	Cooling system incl. heater		7.0	7.0
Weight, unladen, to DINVEU kg 1375 / 1450 (1390 / 1465) Max. load to DIN kg 565 Max. permissible weight kg 1940 (1955) Max. axie load, front/rear kg 900 / 1090 97 Max. take load, front/rear kg 900 / 1090 97 Max. trailer load, kg 1500 / 170 15 Max. roof load/max towbar download Rd 1500 / 170 15 Max. roof load/max towbar download Rd 1500 / 170 15 Max. roof load/max towbar download Rd 1500 / 170 15 Max. roof load/max towbar download Rd 1500 / 170 15 Max. roof load/max towbar download Rd 1500 / 170 15 Max. roof load/max towbar download Rd 1500 / 170 15 Max. roof load/max towbar download Rd 1500 / 170 15 Max. roof load/max towbar download Rd 1500 / 170 15 Max. roof load/max towbar download Rd 1500 / 170 15 Max. roof load/max towbar download Rd 1500 / 170 15 Max. roof load/max towbar download Rd 1500 / 170 15 Max. roof load/max towbar download Rd 1500 / 170 15 Max. roof load/max towbar download Rd 1500 / 170 15 Max. roof load/max towbar download Rd 1500 / 170 15 Max. output Compression ratio 11 16.5 Fuel diesel Max. output kWhp 140 / 190 15 Max. output kWhp 170 175 - 2500 175 Electrical System Battery/installation Ah/ 90 / luggage comp. 90 / luggage Alternator AW 150 / 2100 175 Driving Dynamics and Safety Suspension, froat Aluminium double-joint spring strut axle Suspension, froat Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control) (Comering Brake Control), DPC (Dynamic Traction Control) (Comering Brake Control), DPC (Dynamic Traction Control) Passing Fading Compensation, Start-Off Assistant; BMW 120d xDrive: linked to All-wheel-drive system in Integrated Chassis Management (Compressed Revolution), variable sport steering (EPS), optional: Servotronic function, variable sport steering (EPS), optional: Servotronic function, variable sport steering control of the control of				5.0
Max. load to DIN kg 565				1455 / 1530
Max. load to DIN kg 565 Max. permissible weight kg 1940 (1955) Max. axile load, front/rear kg 900 / 1090 93 Max. trailer load, braked (12%)/unbraked kg 75 / 75 Max. roof load/max towbar download kg 75 / 75 15 Luggage comp. capacity Itr 360 – 1200 36 Air resistance C _u x A 0.30 x 2.14 0.3 Power Unit Config./No. of cyls./valves in-line / 4 / 4	110.g.n., a.n.a.d.n, to 2.1.1.20	ινg		14337 1300
Max. permissible weight kg 1940 (1955) Max. axie load, front/rear kg 900 / 1090 97 Max. trailer load, braked (12%)/unbraked 1500 / 710 15 Max. roof load/max towbar kg 75 / 75 download Luggage comp. capacity ltr 360 – 1200 36 Air resistance C _d x A 0.30 x 2.14 0.3 Power Unit Config./No. of cyls./valves Engine technology BMW TwinPower Turbo technology: turbocharger with variable inlet ge common rail direct injection with solenoid valve injectors, max. injection pressure: 2,000 bar Effective capacity cm³ 1995 Stroke/bore mm 90.0 / 84.0 99 Compression ratio :1 16.5 Fuel diesel Max. output kW/hp 140 / 190 at rpm 4000 Max torque Nm 400 Max torque Nm 400 Electrical System Battery/installation Ah/- 90 / luggage comp. 90 / luggag. Alternator AW 150 / 2100 15 Brakes, front Single-piston floating-calliper disc brakes Brakes, front Single-piston floating-calliper disc brakes Driving Dynamics and Safety Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Dry Braking i Fading Compensation, Start-Off Assistant; BMW 120d ADriver inked tall-wheel-drive system in Integrated Chassis Management (ICM) Steering Electric Dower Steering (EPS), optional: Servotronic function, variable sport steering	Max. load to DIN	ka	, ,	550
Max. axle load, front/rear kg 900 / 1090 97 Max. trailer load, braked (12%)unbraked kg 1500 / 710 15 Max. roof load/max towbar download kg 75 / 75 15 Luggage comp. capacity Itr 360 – 1200 36 Air resistance C _d x A 0.30 x 2.14 0.3 Power Unit Config./No. of cyls./valves in-line / 4 / 4 in-line / 4 / 4 <td< td=""><td></td><td></td><td></td><td>2005</td></td<>				2005
Max. trailer load, braked (12%)Junbraked kg 1500 / 710 15 Max. roof load/max towbar download Lugage comp. capacity ltr 360 – 1200 36 Air resistance C _a x A 0.30 x 2.14 0.3 Air resistance Config/No. of cyls/valves in-line / 4 / 4 in-lengine technology BMW TwinPower Turbo technology: turbocharger with variable inlet green common rail direct injection with solenoid valve injectors, max. injection pressure: 2,000 bar 1995 Effective capacity cm³ 1995 Stroke/Bore mm 9.0.0 / 84.0 99 Compression ratio :1 16.5 Fuel diesel Max. output kW/hp 140 / 190 diesel Max. output kW/hp 140 / 190 diesel Max. output kW/hp 140 / 190 diesel Max. output kW/hp 1750 – 2500 175 Electrical System Battery/installation Ah/—90 / luggage comp. 90 / luggage comp. Electrical System Battery/installation Ah/—90 / luggage comp. 90 / luggage comp. Priving Dynamics and Safety Driving Dynamics and Safety Suspension, front Single-piston floating-calliper disc brakes Brakes, rear Five-link axle in lightweight steel construction with double elastic be Stakes, rear Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control) (Cornering Brake Control), DDC (Dynamic Brake Control), Dry Braking Fading Compensation, Start-Off Assistant; BMW 120d xDriver inked tall-wheel-drive system in Integrated Chassis Management ((CM) all-wheel-drive system in Integrated Chassis Management (CM) seasons, Tyre Defect Indicator Seasons, Tyre Defect Indicator Seasons, Tyre Defect Indicator, variable sport steering (EPS), optional: Servotronic function, variable sport steering			• • •	975 / 1090
braked (12%)/unbraked 1500 / 710 15 Max. roof load/max towbar download Luggage comp. capacity Itr 360 – 1200 36 Air resistance C _d x A 0.30 x 2.14 0.30 Power Unit Config/INo. of cyls./valves in-line / 4 / 4 / 4 in-line / 4 / 4 in-line / 4 / 4 / 4 / 4 in-line / 4 / 4 / 4 / 4 / 4 in-line / 4 / 4 / 4 / 4 / 4 / 4 / 4 / 4 / 4 /	,		3007 1030	3737 1030
Max. roof load/max towbar download Luggage comp. capacity ltr 360 – 1200 36 Air resistance C _d x A 0.30 x 2.14 0.3 Power Unit Config./No. of cyls./valves in-line / 4 / 4 in-l Engine technology BMW TwinPower Turbo technology: turbocharger with variable inlet go common rail direct injection with solenoid valve injectors, max. injection pressure: 2,000 bar Effective capacity cm³ 1995 Stroke/bore mm 90.0 / 84.0 99 Compression ratio :1 16.5 Fuel		Ng	1500 / 710	1500 / 750
Luggage comp. capacity	Max. roof load/max towbar	kg		75 / 75
Air resistance C _d x A 0.30 x 2.14 0.5 Power Unit Config/No. of cyls./valves In-line / 4 / 4 In-line fechnology BMW TwinPower Turbo technology: turbocharger with variable inlet great common rail direct injection with solenoid valve injectors, max. injection pressure: 2,000 bar Effective capacity cm³ 1995 Stroke/bore mm 90.0 / 84.0 96 Compression ratio 1 16.5 Fuel diesel Max. output kW/hp 140 / 190 at rpm 4000 Max torque Nm 400 at rpm 1750 - 2500 175 Electrical System Battery/installation Ah/- 90 / luggage comp. 90 / lugga Alternator AW 150 / 2100 15 Driving Dynamics and Safety Suspension, front Aluminium double-joint spring strut axle Suspension, froat Brakes, front Single-piston floating-calliper disc brakes Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking Fading Compensation, Start-Off Assistant; BMW 120d xDrive: linked to all-wheel-drive system in Integrated Chassis Management (ICN) Safety equipment Steering Electric Power Steering (EPS), optionals: Servotronic function, variable sport steering			200 1000	200 1000
Power Unit Config JNo. of cyls./valves In-line / 4 / 4				360 – 1200
Config/No. of cyls./valves Engine technology BMW TwinPower Turbo technology: turbocharger with variable inlet go common rail direct injection with solenoid valve injectors, max. injection pressure: 2,000 bar Effective capacity cm³ 1995 Stroke/bore mm 90.0 / 84.0 96 Compression ratio :1 16.5 Fuel diessel Max. output kW/hp 140 / 190 at rpm 4000 Max torque Nm 400 at rpm 1750 – 2500 175 Electrical System Battery/installation Ah/- 90 / luggage comp. 90 / luggage Alternator AW 150 / 2100 15 Priving Dynamics and Safety Suspension, front Suspension, front Suspension, rear Five-link axle in lightweight steel construction with double elastic be Brakes, front Single-piston floating-calliper disc brakes Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control) (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking i Fading Compensation, Start-Off Assistant; BMW 120d xDrive: linked t all-wheel-drive system in Integrated Chassis Management (ICM Safety equipment Standard: airbags for driver and front passenger, side airbags for driver i passenger, head airbags front and rear, three-point inertia-reel seatbel 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	All resistance	C _d x A	0.30 X 2.14	0.31 x 2.14
Engine technology BMW TwinPower Turbo technology: turbocharger with variable inlet go common rail direct injection with solenoid valve injectors, max. injection pressure: 2,000 bar Effective capacity cm³ 1995 Stroke/bore mm 90.0 / 84.0 99 Compression ratio :1 16.5 Fuel diesel Max. output kW/hp 140 / 190 at rpm 4000 Max torque Nm 400 Max torque Nm 400 Stereiral System Battery/installation Ah/- 90 / luggage comp. 90 / luggal Alternator A/W 150 / 2100 15 Driving Dynamics and Safety Suspension, front Aluminium double-joint spring strut axle Suspension, front Single-piston floating-calliper disc brakes Brakes, rear Five-link axle in lightweight steel construction with double elastic be Single-piston floating-calliper disc brakes Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control) (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking i Fading Compensation, Start-Off Assistant; BMW 120d xDrive: linked to all-wheel-drive system in Integrated Chassis Management (ICM) Safety equipment Standard: airbags front and rear, three-point inertia-reel seatbel 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	Power Unit			
Common rail direct injection with solenoid valve injectors, max. injection pressure: 2,000 bar	Config./No. of cyls./valves		in-line / 4 / 4	in-line / 4 / 4
Effective capacity cm³ 1995 Stroke/bore mm 90.0 / 84.0 99 Compression ratio :1 16.5 Fuel diesel Max. output kW/hp 140 / 190 at rpm 4000 Max torque Nm 400 at rpm 1750 – 2500 175 Electrical System Battery/installation Ah/— 90 / luggage comp. 90 / luggage Alternator A/W 150 / 2100 19 Driving Dynamics and Safety Suspension, front Aluminium double-joint spring strut axle Suspension, rear Five-link axle in lightweight steel construction with double elastic be Brakes, front Single-piston floating-calliper disc brakes Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control) (Comering Brake Control), DBC (Dynamic Brake Control), Dry Braking of Fading Compensation, Start-Off Assistant; BMW 120d xDrive: linked tall-wheel-drive system in Integrated Chassis Management (ICM) Safety equipment Standard: airbags for driver and front passenger, side airbags for driver passenger, head airbags front and rear, three-point inertia-reel seatbel 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	Engine technology	E	common rail direct injection with solenoid va	alve injectors,
Stroke/bore mm 90.0 / 84.0 99 Compression ratio :1 16.5 Fuel diesel Max. output kW/hp 140 / 190 at rpm 4000 Max torque Nm 400 at rpm 1750 - 2500 175 Electrical System Battery/installation Ah/- 90 / luggage comp. 90 / luggage Alternator AW 150 / 2100 19 Driving Dynamics and Safety Suspension, front Aluminium double-joint spring strut axle Suspension, rear Five-link axle in lightweight steel construction with double elastic be Brakes, front Single-piston floating-calliper disc brakes Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control) (Comering Brake Control), DBC (Dynamic Brake Control), Dry Braking of Fading Compensation, Start-Off Assistant; BMW 120d xDrive: linked to all-wheel-drive system in Integrated Chassis Management (ICM) Safety equipment Standard: airbags for driver and front passenger, side airbags for driver apassenger, head airbags front and rear, three-point inertia-reel seatbel 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	Effective capacity	cm ³		1995
Compression ratio :1 16.5 Fuel diesel Max. output kW/hp 140 / 190 at rpm 4000 Max torque Nm 400 at rpm 1750 – 2500 175 Electrical System Battery/installation Ah/— 90 / luggage comp. 90 / luggage Alternator AW 150 / 2100 15 Driving Dynamics and Safety Suspension, front Aluminium double-joint spring strut axle Suspension, rear Five-link axle in lightweight steel construction with double elastic be 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) (Comering Brake Control), DBC (Dynamic Brake Control), Dry Braking of Fading Compensation, Start-Off Assistant; BMW 120d xDrive: linked to all-wheel-drive system in Integrated Chassis Management (ICM) Safety equipment Standard: airbags for driver and front passenger, side airbags for driver passenger, head airbags front and rear, three-point inertia-reel seatbel 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				90.0 / 84.0
Fuel diesel Max. output kW/hp 140 / 190 at rpm 4000 Max torque Nm 4000 at rpm 1750 – 2500 175 Electrical System Battery/installation Ah/— 90 / luggage comp. 90 / luggage Alternator AW 150 / 2100 15 Driving Dynamics and Safety Suspension, front Aluminium double-joint spring strut axle Suspension, rear Five-link axle in lightweight steel construction with double elastic be Brakes, front Single-piston floating-calliper disc brakes Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control) (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking of Fading Compensation, Start-Off Assistant; BMW 120d xDrive: linked to all-wheel-drive system in Integrated Chassis Management (ICN) Safety equipment Standard: airbags for driver and front passenger, side airbags for driver a passenger, head airbags front and rear, three-point inertia-reel seatbel 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				16.5
Max. output kW/hp 140 / 190 at rpm 4000 Max torque Nm 4000 at rpm 1750 – 2500 175 Electrical System Battery/installation Ah/— 90 / luggage comp. 90 / luggage Alternator A/W 150 / 2100 15 Driving Dynamics and Safety Suspension, front Aluminium double-joint spring strut axle Suspension, rear Five-link axle in lightweight steel construction with double elastic be 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) (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking in Fading Compensation, Start-Off Assistant; BMW 120d xDrive: linked to all-wheel-drive system in Integrated Chassis Management (ICM) Safety equipment Standard: airbags front and rear, three-point inertia-reel seatbel 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				diese
at rpm 4000 Max torque Nm 400 at rpm 1750 – 2500 175 Electrical System Battery/installation Ah/— 90 / luggage comp. 90 / luggage Alternator A/W 150 / 2100 15 Driving Dynamics and Safety Suspension, front Aluminium double-joint spring strut axle Suspension, rear Five-link axle in lightweight steel construction with double elastic be Brakes, front Single-piston floating-calliper disc brakes Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control) (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking Fading Compensation, Start-Off Assistant; BMW 120d xDrive: linked to all-wheel-drive system in Integrated Chassis Management (ICN) Safety equipment Standard: airbags for driver and front passenger, side airbags for driver apassenger, head airbags front and rear, three-point inertia-reel seatbel 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		k\///hn		140 / 190
Max torque at rpm 1750 – 2500 175 Electrical System Battery/installation Ah/— 90 / luggage comp. 90 / luggage Alternator A/W 150 / 2100 15 Driving Dynamics and Safety Suspension, front Aluminium double-joint spring strut axle Suspension, rear Five-link axle in lightweight steel construction with double elastic be 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) (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking of Fading Compensation, Start-Off Assistant; BMW 120d xDrive: linked to all-wheel-drive system in Integrated Chassis Management (ICN) Safety equipment Standard: airbags for driver and front passenger, side airbags for driver apassenger, head airbags front and rear, three-point inertia-reel seatbel 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	·			4000
at rpm 1750 – 2500 175 Electrical System Battery/installation Ah/— 90 / luggage comp. 90 / luggage Alternator A/W 150 / 2100 15 Driving Dynamics and Safety Suspension, front Aluminium double-joint spring strut axle Suspension, rear Five-link axle in lightweight steel construction with double elastic be 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) (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking of Fading Compensation, Start-Off Assistant; BMW 120d xDrive: linked to all-wheel-drive system in Integrated Chassis Management (ICN) Safety equipment Standard: airbags for driver and front passenger, side airbags for driver apassenger, head airbags front and rear, three-point inertia-reel seatbel 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				400
Electrical System Battery/installation Ah/— 90 / luggage comp. 90 / luggage Alternator A/W 150 / 2100 15 Driving Dynamics and Safety Suspension, front Aluminium double-joint spring strut axle Suspension, rear Five-link axle in lightweight steel construction with double elastic be 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) (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking and Fading Compensation, Start-Off Assistant; BMW 120d xDrive: linked to all-wheel-drive system in Integrated Chassis Management (ICN) Safety equipment Standard: airbags for driver and front passenger, side airbags for driver apassenger, head airbags front and rear, three-point inertia-reel seatbel 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	· · · · · · · · · · · · · · · · · · ·			1750 – 2500
Battery/installation Ah/- 90 / luggage comp. 90 / luggage Alternator A/W 150 / 2100 15 Driving Dynamics and Safety Suspension, front Aluminium double-joint spring strut axle Suspension, rear Five-link axle in lightweight steel construction with double elastic be 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) (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking of Fading Compensation, Start-Off Assistant; BMW 120d xDrive: linked to all-wheel-drive system in Integrated Chassis Management (ICN) Safety equipment Standard: airbags for driver and front passenger, side airbags for driver apassenger, head airbags front and rear, three-point inertia-reel seatbel 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				
Alternator AW 15072100 15 Driving Dynamics and Safety Suspension, front Aluminium double-joint spring strut axle Suspension, rear Five-link axle in lightweight steel construction with double elastic be 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) (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking of Fading Compensation, Start-Off Assistant; BMW 120d xDrive: linked to all-wheel-drive system in Integrated Chassis Management (ICN) Safety equipment Standard: airbags for driver and front passenger, side airbags for driver apassenger, head airbags front and rear, three-point inertia-reel seatbel 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			00.11	
Driving Dynamics and Safety Suspension, front Suspension, rear Single-piston floating-calliper disc brakes 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) (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking of Fading Compensation, Start-Off Assistant; BMW 120d xDrive: linked to all-wheel-drive system in Integrated Chassis Management (ICM) Safety equipment Standard: airbags for driver and front passenger, side airbags for driver apassenger, head airbags front and rear, three-point inertia-reel seatbel 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				90 / luggage comp
Suspension, front Suspension, rear Suspension, rear Five-link axle in lightweight steel construction with double elastic be Single-piston floating-calliper disc brakes 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) (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking of Fading Compensation, Start-Off Assistant; BMW 120d xDrive: linked to all-wheel-drive system in Integrated Chassis Management (ICM) Safety equipment Standard: airbags for driver and front passenger, side airbags for driver apassenger, head airbags front and rear, three-point inertia-reel seatbel 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	Alternator	A/VV	15072100	150 / 2100
Suspension, rear Five-link axle in lightweight steel construction with double elastic be 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) (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking to Fading Compensation, Start-Off Assistant; BMW 120d xDrive: linked to all-wheel-drive system in Integrated Chassis Management (ICM) Safety equipment Standard: airbags for driver and front passenger, side airbags for driver apassenger, head airbags front and rear, three-point inertia-reel seatbel 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	Driving Dynamics and Safety			
Suspension, rear Five-link axle in lightweight steel construction with double elastic be 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) (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking of Fading Compensation, Start-Off Assistant; BMW 120d xDrive: linked to all-wheel-drive system in Integrated Chassis Management (ICM) Safety equipment Standard: airbags for driver and front passenger, side airbags for driver appassenger, head airbags front and rear, three-point inertia-reel seaths 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	Suspension, front		Aluminium double-ioint spring strut	t axle
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) (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking and Fading Compensation, Start-Off Assistant; BMW 120d xDrive: linked to all-wheel-drive system in Integrated Chassis Management (ICM) Safety equipment Standard: airbags for driver and front passenger, side airbags for driver apassenger, head airbags front and rear, three-point inertia-reel seatbel 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	Suspension, rear			
Brakes, rear Single-piston floating-calliper disc brakes Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control) (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking Fading Compensation, Start-Off Assistant; BMW 120d xDrive: linked tall-wheel-drive system in Integrated Chassis Management (ICN) Safety equipment Standard: airbags for driver and front passenger, side airbags for driver passenger, head airbags front and rear, three-point inertia-reel seatbel 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				
Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control) (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking to Fading Compensation, Start-Off Assistant; BMW 120d xDrive: linked to all-wheel-drive system in Integrated Chassis Management (ICN) Safety equipment Standard: airbags for driver and front passenger, side airbags for driver apassenger, head airbags front and rear, three-point inertia-reel seatbel 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				
(Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking in Fading Compensation, Start-Off Assistant; BMW 120d xDrive: linked the sall-wheel-drive system in Integrated Chassis Management (ICN). Safety equipment Standard: airbags for driver and front passenger, side airbags for driver and front passenger, side airbags for driver and side airbags for driver and seart, three-point inertia-reel seatbeld 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.				
passenger, head airbags front and rear, three-point inertia-reel seatbel 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		İ	(Cornering Brake Control), DBC (Dynamic Brake Contr Fading Compensation, Start-Off Assistant; BMW 120 all-wheel-drive system in Integrated Chassis Ma	ol), Dry Braking function, d xDrive: linked to xDrive anagement (ICM)
optional: Servotronic function, variable sport steering			passenger, head airbags front and rear, three-point ine seats with belt tensioner and belt force limite	ertia-reel seatbelts on all er at the front,
	Steering		9	
	Steering ratio, overall	:1	· · · · · · · · · · · · · · · · · · ·	15.1
Tyres, front/rear 205/55 R16 91V 205/55				205/55 R16 91V
				7J x 16 stee

			BMW 120d 5-door	BMW 120d xDrive 5-door
Transmission				
Type of transm	ission		6-speed manual (optional: 8-speed	8-speed Steptronic transmission
Gear ratios	ı	:1	Steptronic transmission) 4.110 (5.000)	5.000
acai ratios	<u> </u>	: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)	2.647
Performance				
Power-to-weigh	nt ratio	kg/kW	9.8 (9.9)	10.4
Output per litre		kW/ltr	70.2	70.2
Acceleration	0–100 km/h	S	7.1 (7.0)	6.8
in 5th gear	80-120 km/h	S	7.2 (–)	-
Top speed		km/h	228 (228)	222

BMW EfficientDynamics 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, detachable a/c compressor, final drive with optimised warm-up behaviour, efficiency- and weight-optimised transfer case (BMW 120d xDrive), tyres with reduced roll resistance

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

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

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

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BMW 125d 5-door.

Steering ratio, overall

Tyres, front/rear

Rims, front/rear

		BMW 125d 5-door
		Diff. 1200 0-0001
Body		
No. of doors/seats		5/5
Length/width/height 1) (unladen)	mm	4329 / 1765 / 1421
Wheelbase	mm	2690
Track, front/rear	mm	1521 / 1556
Ground clearance	mm	140
Turning circle	m	10.9
Fuel tank capacity	approx.	52
	 Itr	
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,	Kg	
braked (12%)/unbraked	9	1500 / 710
Max. roof load/max towbar download	kg	75 / 75
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C _d x A	0.31 x 2.14
Power Unit		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage charging, high-pressure
3		and variable-geometry turbocharger, common rail direct injection with
		solenoid valve injectors, max. injection pressure: 2,500 bar
Effective capacity	cm ³	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
	7000	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-pistor floating-calliper disc brakes Single-piston floating-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC
Driving stability systems		(Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking
Safaty aguipment		function, Fading Compensation, Start-Off Assistant Standard: airbags for driver and front passenger, side airbags for driver and
Safety 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),
		ontional: Servotronic function, variable sport steering

optional: Servotronic function, variable sport steering

15.0

205/50 R17 89W

7J x 17 light-alloy

			BMW 125d 5-door	
Transmission	1			
Type of transm			8-speed Steptronic transmission	
Gear ratios		: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	2.647	
Performance				
Power-to-weight ratio		kg/kW	8.7	
Output per litre		kW/ltr	82.7	
Acceleration	0–100 km/h	S	6.3	
in 5th gear	80–120 km/h	s	-	
Top speed	00 120 111111	km/h	240	
BMW Efficier	ntDvnamics			
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, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, final		
		drive w	vith optimised warm-up behaviour, tyres with reduced roll resistance	
Fuel Consum				
With standard t	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	
		5/45 R 17 as well as		
			15 R17 front, 245/40 R17 rear,	
	x 18 front, 8J x 18		10 R18 front, 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	<u> </u>		EU6	

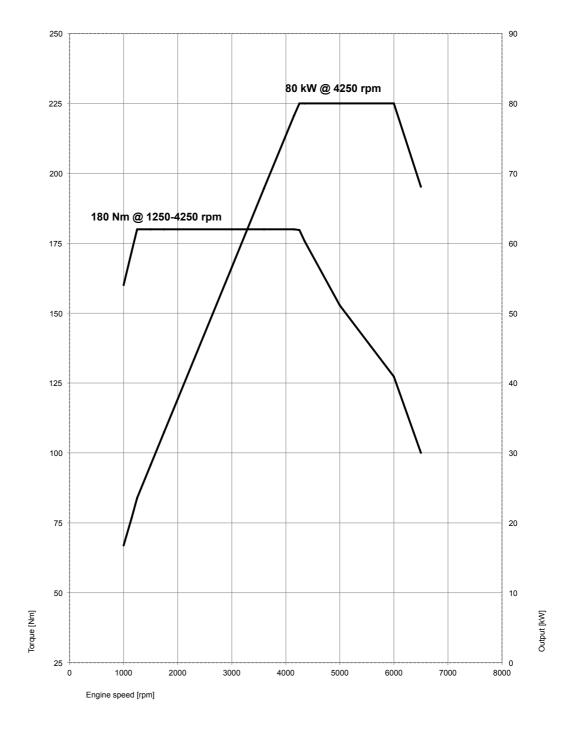
Specifications apply to ACEA markets/data relevant to homologation apply in part only to Germany (weight)

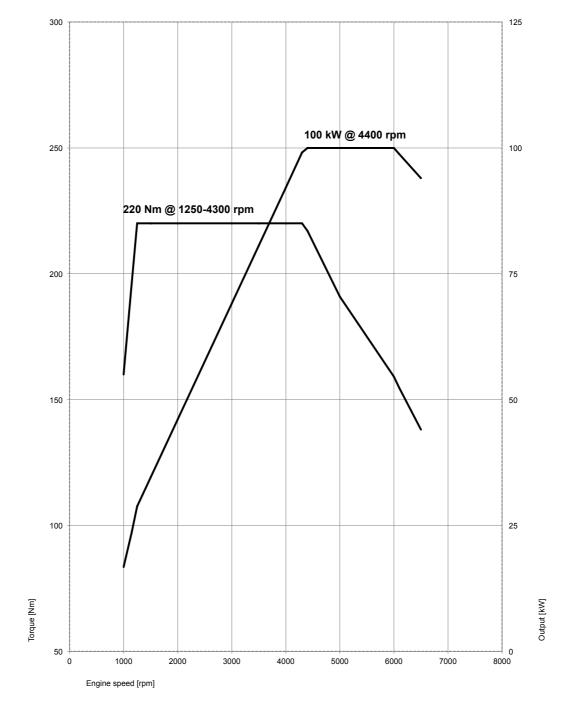
 $^{^{1)}}$ Height with roof fin: 1440 mm $^{2)}$ Oil change $^{3)}$ Fuel consumption and $\rm CO_2$ emission figures depend on the selected tyre format

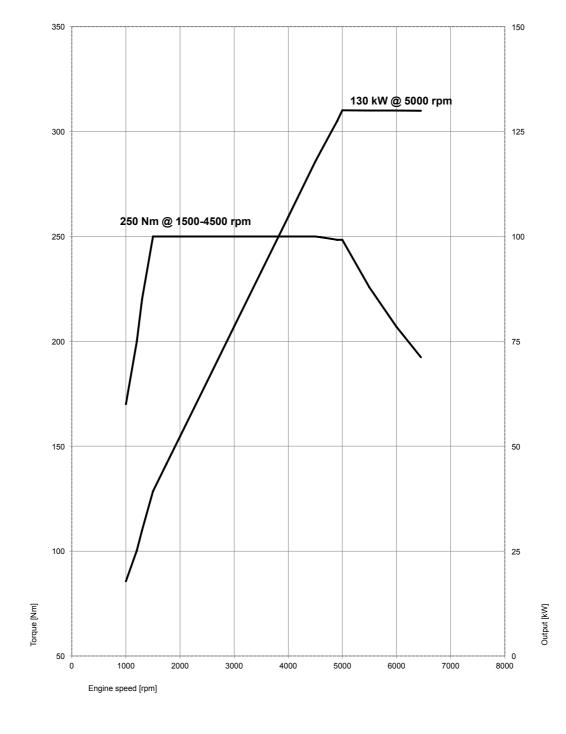
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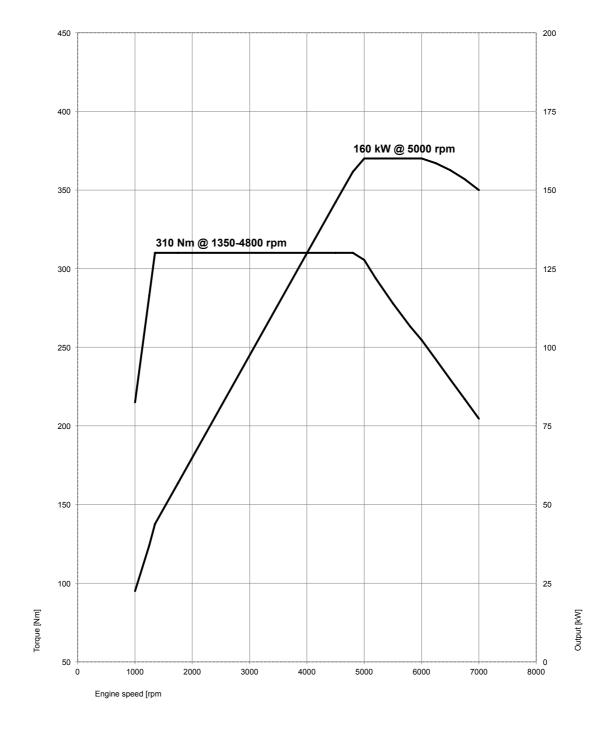
8. Output and torque diagrams. BMW 116i.

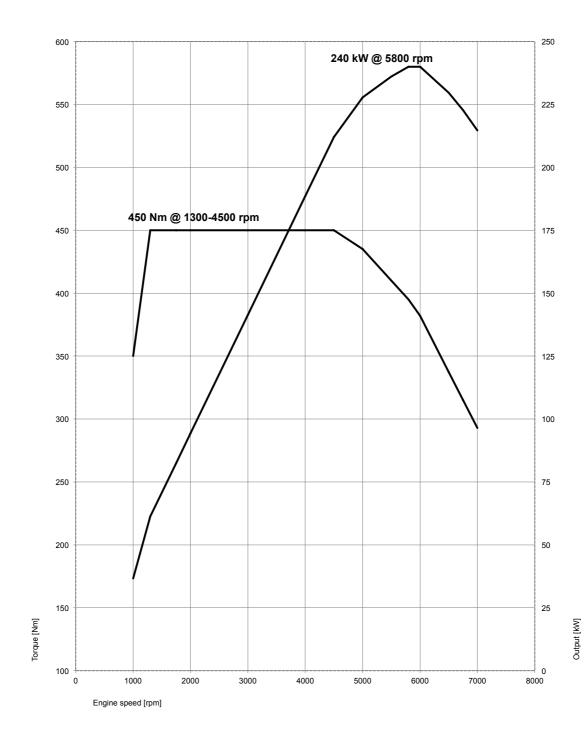


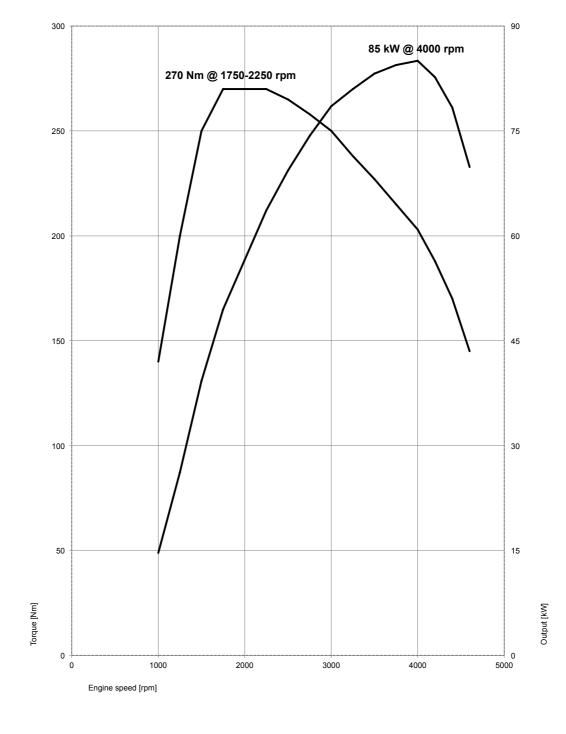


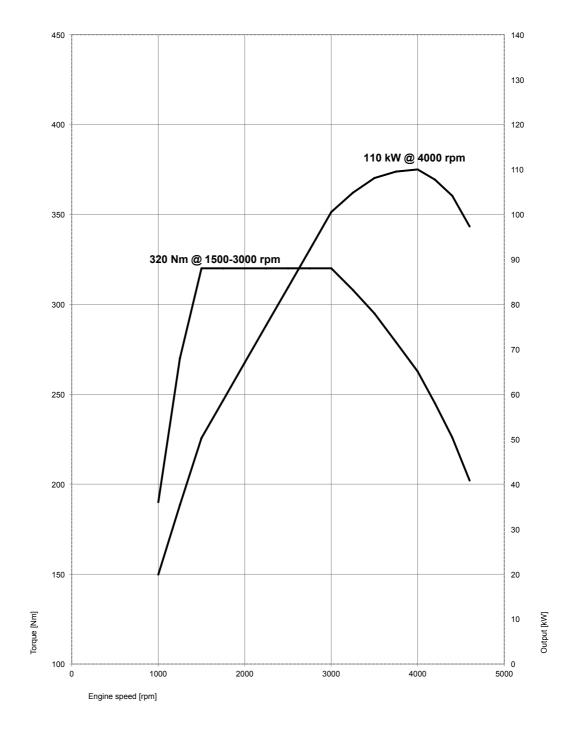


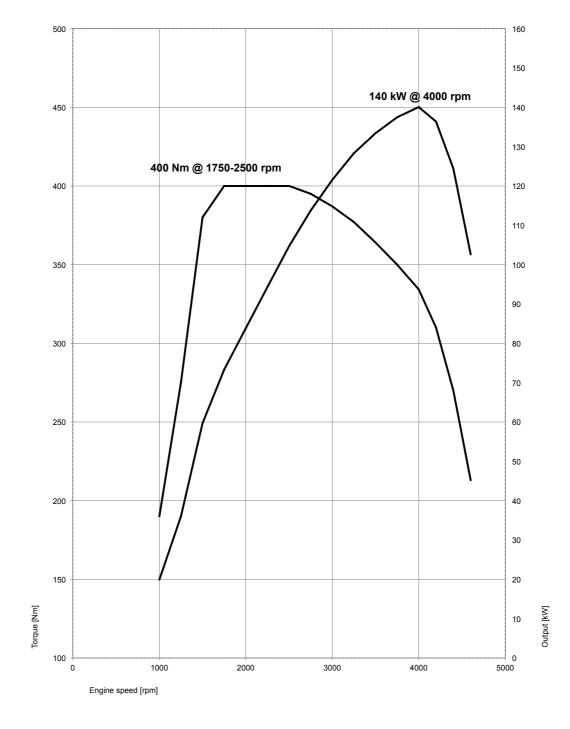




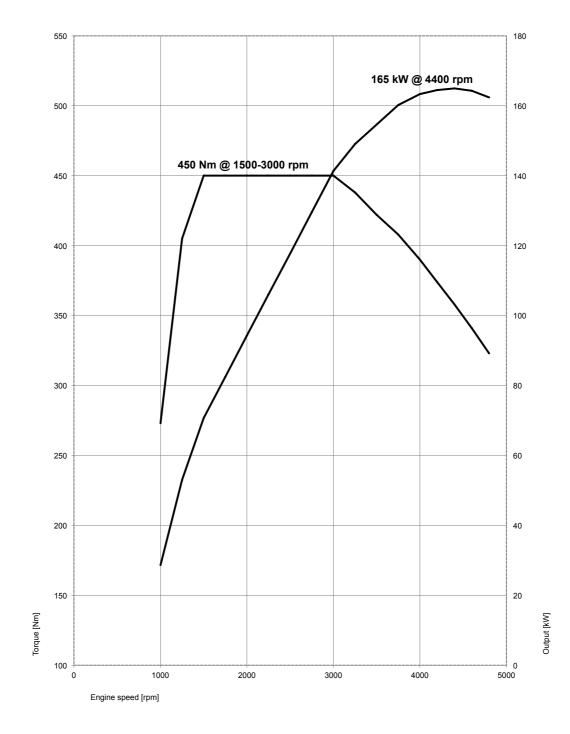








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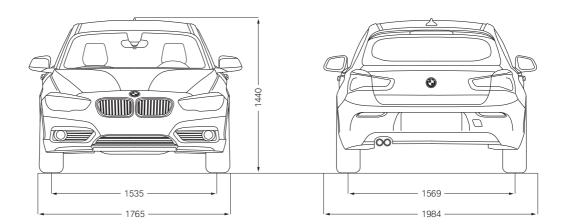


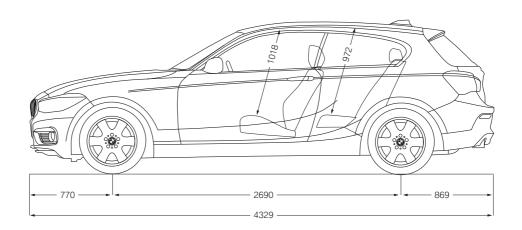
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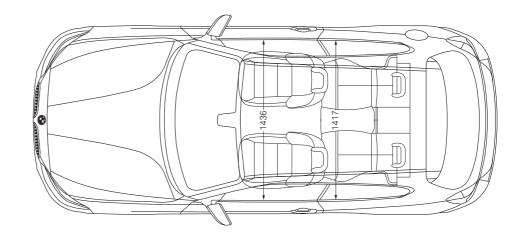
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9. Exterior and interior dimensions. 3-door BMW 1 Series.









5-door BMW 1 Series.

