

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



BMW 116i 3-door		
Body		
No. of doors/seats		3 / 4 (5)
Length/width/height ¹⁾ (unladen)	mm	4329 / 1765 / 1421
Wheelbase	mm	2690
Track, front/rear	mm	1535 / 1569
Ground clearance	mm	140
Turning circle	m	10.9
Fuel tank capacity	approx. ltr	52
Cooling system incl. heater	ltr	7.7
Engine oil ²⁾	ltr	4.25
Weight, unladen, to DIN/EU	kg	1300 / 1375
Max. load to DIN	kg	565
Max. permissible weight	kg	1865
Max. axle load, front/rear	kg	850 / 1090
Max. trailer load, braked (12%/unbraked)	kg	1200 / 650
Max. roof load/max towbar download	kg	75 / 75
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C _d x A	0.31 x 2.14
Power Unit		
Config./No. of cyls./valves		in-line / 3 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger, High Precision Direct 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, 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 transmission			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			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

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, map-controlled oil pump, detachable a/c compressor, final drive with optimised warm-up behaviour, tyres with reduced roll resistance
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Fuel Consumption EU ³⁾

With standard tyres, rims 7J x 16 and tyres 205/55 R16 as well as winter tyres		
Urban	ltr/100 km	6.3
Extra-urban	ltr/100 km	4.2
Combined	ltr/100 km	5.0
CO ₂	g/km	116
With rims 7J x 17 and tyres 205/50 R17, with rims 7.5J x 17 and tyres 225/45 R 17, with rims 7.5J x 17 front, 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 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 CO₂ emissions depend on the selected tyre format

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

		BMW 118i 3-door	BMW 120i 3-door
Body			
No. of doors/seats		3 / 4 (5)	3 / 4 (5)
Length/width/height ¹⁾ (unladen)	mm	4329 / 1765 / 1421	4329 / 1765 / 1421
Wheelbase	mm	2690	2690
Track, front/rear	mm	1535 / 1569	1535 / 1569
Ground clearance	mm	140	140
Turning circle	m	10.9	10.9
Fuel tank capacity	approx. ltr	52	52
Cooling system incl. heater	ltr	6.4	6.4
Engine oil ²⁾	ltr	4.2	4.2
Weight, unladen, to DIN/EU	kg	1300 / 1375 (1315 / 1390)	1300 / 1375 (1315 / 1390)
Max. load to DIN	kg	565	565
Max. permissible weight	kg	1865 (1880)	1865 (1880)
Max. axle load, front/rear	kg	865 / 1090	870 / 1090
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	ltr	360 – 1200	360 – 1200
Air resistance	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-scroll turbocharger, High Precision Direct Injection, fully variable valve control (VALVETRONIC), Double-VANOS variable camshaft control	
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	rpm	4400 – 6450	4800 – 6450
Max torque	Nm	220	250
at	rpm	1350 – 4300	1500 – 4500
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, 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	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 3-door	BMW 120i 3-door
Transmission			
Type of transmission	6-speed manual (optional: 8-speed Steptronic transmission)		
Gear ratios	I	:1	4.552 (4.714)
	II	:1	2.548 (3.143)
	III	:1	1.659 (2.106)
	IV	:1	1.230 (1.667)
	V	:1	1.000 (1.285)
	VI	:1	0.830 (1.000)
	VII	:1	– (0.839)
	VIII	:1	– (0.667)
	R	:1	4.138 (3.295)
Final drive		:1	2.813 (3.077)
			3.077 (3.077)
Performance			
Power-to-weight ratio	kg/kW		13.0 (13.2)
Output per litre	kW/ltr		62.6
Acceleration	0–100 km/h	s	8.5 (8.7)
	80–120 km/h	s	10.6 (–)
Top speed	km/h		210 (210)
			225 (222)
BMW EfficientDynamics			
BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode, intelligent lightweight 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 Consumption EU ³⁾			
With standard tyres, rims 7J x 16 and tyres 205/55 R16 as well as winter tyres			
Urban	ltr/100 km		7.0 (7.2)
Extra-urban	ltr/100 km		4.5 (4.6)
Combined	ltr/100 km		5.4 (5.6)
CO ₂	g/km		125 (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 front, 8J x 17 rear and tyres 225/45 R17 front, 245/40 R17 rear			
Urban	ltr/100 km		7.2 (7.4)
Extra-urban	ltr/100 km		4.6 (4.8)
Combined	ltr/100 km		5.6 (5.7)
CO ₂	g/km		129 (133)
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		7.4 (7.6)
Extra-urban	ltr/100 km		4.7 (4.9)
Combined	ltr/100 km		5.7 (5.9)
CO ₂	g/km		133 (137)
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 CO₂ emissions depend on the selected tyre format

BMW 125i 3-door.

BMW 125i 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. ltr	52
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, braked (12%/unbraked)	kg	1200 / 680
Max. roof load/max towbar download	kg	75 / 75
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, 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 (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, Tyre Defect Indicator
Steering		Electric Power Steering (EPS), optional: Servotronic function, variable sport steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		205/50 R17 89Y
Rims, front/rear		7J x 17 light-alloy

BMW 125i 3-door

Transmission

Type of transmission	6-speed manual (optional: 8-speed Steptronic transmission)		
Gear ratios	I	:1	3.683 (4.714)
	II	: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

Power-to-weight 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 EfficientDynamics

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode with coasting function (automatic), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, final drive with optimised warm-up behaviour, tyres with reduced roll resistance
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Fuel Consumption EU ³⁾

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 tyres 225/45 R 17 as well as winter tyres, with rims 7.5J x 17 front, 8J x 17 rear and tyres 225/45 R17 front, 245/40 R17 rear, 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	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		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 economy and CO₂ emission figures depend on the selected tyre format

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

		BMW M135i 3-door	BMW M135i xDrive 3-door
Body			
No. of doors/seats		3 / 4 (5)	3 / 4 (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. ltr	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 (1445 / 1520)	1515 / 1590
Max. load to DIN	kg	565	550
Max. permissible weight	kg	1995 (2010)	2065
Max. axle load, front/rear	kg	955 / 1120	1010 / 1120
Max. trailer load, braked (12%/unbraked)	kg	- / -	- / -
Max. roof load/max towbar download	kg	75 / -	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 technology: twin-scroll turbocharger, High Precision Direct Injection, fully variable valve control (VALVETRONIC), 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
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
Driving Dynamics and Safety			
Suspension, front		Aluminium double-joint spring strut axle with M-specific elastokinematics	
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing	
Brakes, front		Four-piston fixed-calliper disc brakes	
Brakes, rear		Twin-piston fixed-calliper disc brakes	
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant; BMW M135i xDrive: linked to xDrive all-wheel-drive system in Integrated Chassis Management (ICM)	
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, Tyre Defect Indicator	
Steering		Electric Power Steering (EPS), variable sport steering incl. Servotronic function	
Steering ratio, overall	:1	14.5	14.6
Tyres, front/rear		225/40 ZR18 88Y/ 245/35 ZR18 92Y XL	225/40 ZR18 88Y/ 245/35 ZR18 92Y XL
Rims, front/rear		7.5J x 18 light-alloy/ 8J x 18 light-alloy	7.5J x 18 light-alloy/ 8J x 18 light-alloy

		BMW M135i 3-door	BMW M135i xDrive 3-door
Transmission			
Type of transmission		6-speed manual (optional: 8-speed Steptronic sport transmission)	8-speed Steptronic sport transmission
Gear ratios	I	:1	4.110 (4.714)
	II	:1	2.315 (3.143)
	III	:1	1.542 (2.106)
	IV	:1	1.179 (1.667)
	V	:1	1.000 (1.285)
	VI	:1	0.846 (1.000)
	VII	:1	– (0.839)
	VIII	:1	– (0.667)
	R	:1	3.727 (3.295)
Final drive		:1	3.077 (3.077)
Performance			
Power-to-weight ratio		kg/kW	6.0 (6.0)
Output per litre		kW/ltr	80.6
Acceleration	0–100 km/h	s	5.1 (4.9)
in 5th gear	80–120 km/h	s	5.0 (–)
Top speed		km/h	250 (250)
BMW EfficientDynamics			
BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode with coasting function (automatic), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, final drive with optimised warm-up behaviour, efficiency- and weight-optimised transfer case (BMW M135i xDrive), tyres with reduced roll resistance		
Fuel Consumption EU			
Urban		ltr/100 km	10.9 (10.3)
Extra-urban		ltr/100 km	6.4 (5.9)
Combined		ltr/100 km	8.0 (7.5)
CO ₂		g/km	188 (175)
Emission rating			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)

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

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. ltr	52
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, braked (12%/unbraked)	kg	1500 / 690
Max. roof load/max towbar download	kg	75 / 75
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C _d x A	0.30 x 2.14
Power Unit		
Config./No. of cyls./valves		in-line / 3 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common rail direct injection with solenoid valve injectors, max. injection pressure: 2,000 bar
Effective capacity	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
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 116d 3-door

Transmission

Type of transmission	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

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, map-controlled oil pump, detachable a/c compressor, final drive with optimised warm-up behaviour, tyres with reduced roll resistance
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Fuel Consumption EU ³⁾

With standard tyres, rims 7J x 16 and tyres 205/55 R16 as well 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 front, 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 front, 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 CO₂ emission figures depend on the selected tyre format

BMW 116d EfficientDynamics Edition 3-door.

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. ltr	52
Cooling system incl. heater	ltr	7.0
Engine oil ²⁾	ltr	4.4
Weight, unladen, to DIN/EU	kg	1320 / 1395
Max. load to DIN	kg	565
Max. permissible weight	kg	1885
Max. axle load, front/rear	kg	855 / 1090
Max. trailer load, braked (12%)/unbraked	kg	- / -
Max. roof load/max towbar download	kg	75 / -
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C _d x A	0.29 x 2.14
Power Unit		
Config./No. of cyls./valves		in-line / 3 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common rail direct injection with solenoid valve injectors, max. injection pressure: 2,000 bar
Effective capacity	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
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		205/55 R16 91V
Rims, front/rear		7J x 16 steel

BMW 116d EfficientDynamics Edition 3-door

Transmission

Type of transmission	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-weight ratio	kg/kW	15.5
Output per litre	kW/ltr	56.8
Acceleration 0–100 km/h	s	10.4
in 5th gear 80–120 km/h	s	12.9
Top speed	km/h	195

BMW EfficientDynamics

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, final drive with optimised warm-up behaviour, tyres with reduced roll resistance
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Fuel Consumption EU ³⁾

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

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

¹⁾ Height with roof fin: 1432 mm

²⁾ Oil change

³⁾ Fuel consumption and CO₂ emission figures depend on the selected tyre format

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

		BMW 118d 3-door	BMW 118d xDrive 3-door
Body			
No. of doors/seats		3 / 4 (5)	3 / 4 (5)
Length/width/height ¹⁾ (unladen)	mm	4329 / 1765 / 1421	4329 / 1765 / 1421
Wheelbase	mm	2690	2690
Track, front/rear	mm	1535 / 1569	1522 / 1556
Ground clearance	mm	140	140
Turning circle	m	10.9	11.3
Fuel tank capacity	approx. ltr	52	52
Cooling system incl. heater	ltr	7.0	7.0
Engine oil ²⁾	ltr	5.0	5.0
Weight, unladen, to DIN/EU	kg	1350 / 1425 (1375 / 1450)	1420 / 1495
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, braked (12%/unbraked)	kg	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 variable inlet geometry, common rail direct injection with solenoid valve injectors, 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
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 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; BMW 118d xDrive: linked to xDrive all-wheel-drive system in Integrated Chassis Management (ICM)	
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, Tyre Defect Indicator	
Steering		Electric Power Steering (EPS), optional: Servotronic function, variable sport steering	
Steering 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		6-speed manual (optional: 8-speed Steptronic transmission)	6-speed manual
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		12.3 (12.5)
Output per litre	kW/ltr		55.1
Acceleration	0–100 km/h	s	8.3 (8.1)
in 5th gear	80–120 km/h	s	9.2 (–)
Top speed	km/h		212 (212)
BMW EfficientDynamics			
BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode with coasting function (automatic), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, 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)
Extra-urban	ltr/100 km		3.6 (3.6)
Combined	ltr/100 km		4.1 (4.0)
CO ₂	g/km		109 (105)
With rims 7J x 16 and tyres 205/55 R16 (BMW 118d), with rims 7J x 17 and tyres 205/50 R17, with rims 7.5J x 17 and tyres 225/45 R 17 as well as winter tyres, with rims 7.5J x 17 front, 8J x 17 rear and tyres 225/45 R17 front, 245/40 R17 rear			
Urban	ltr/100 km		4.8 (4.5)
Extra-urban	ltr/100 km		3.5 (3.4)
Combined	ltr/100 km		4.0 (3.8)
CO ₂	g/km		104 (99)
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		5.2 (4.9)
Extra-urban	ltr/100 km		3.8 (3.8)
Combined	ltr/100 km		4.3 (4.2)
CO ₂	g/km		114 (110)
Emission rating			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 CO₂ emission figures depend on the selected tyre format

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

		BMW 120d 3-door	BMW 120d xDrive 3-door
Body			
No. of doors/seats		3 / 4 (5)	3 / 4 (5)
Length/width/height ¹⁾ (unladen)	mm	4329 / 1765 / 1421	4329 / 1765 / 1421
Wheelbase	mm	2690	2690
Track, front/rear	mm	1521 / 1556	1522 / 1556
Ground clearance	mm	140	140
Turning circle	m	10.9	11.3
Fuel tank capacity	approx. ltr	52	52
Cooling system incl. heater	ltr	7.0	7.0
Engine oil ²⁾	ltr	5.0	5.0
Weight, unladen, to DIN/EU	kg	1370 / 1445 (1385 / 1460)	1450 / 1525
Max. load to DIN	kg	565	550
Max. permissible weight	kg	1935 (1950)	2000
Max. axle load, front/rear	kg	900 / 1090	975 / 1090
Max. trailer load, braked (12%/unbraked)	kg	1500 / 710	1500 / 750
Max. roof load/max towbar download	kg	75 / 75	75 / 75
Luggage comp. capacity	ltr	360 – 1200	360 – 1200
Air resistance	C _d x A	0.30 x 2.14	0.31 x 2.14
Power Unit			
Config./No. of cyls./valves		in-line / 4 / 4	in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common rail direct injection with solenoid valve injectors, max. injection pressure: 2,000 bar	
Effective capacity	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	140 / 190	140 / 190
at	rpm	4000	4000
Max torque	Nm	400	400
at	rpm	1750 – 2500	1750 – 2500
Electrical System			
Battery/installation	Ah/–	90 / luggage comp.	90 / luggage comp.
Alternator	A/W	150 / 2100	150 / 2100
Driving Dynamics and Safety			
Suspension, front		Aluminium double-joint spring strut 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; BMW 120d xDrive: linked to xDrive all-wheel-drive system in Integrated Chassis Management (ICM)	
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, Tyre Defect Indicator	
Steering		Electric Power Steering (EPS), optional: Servotronic function, variable sport steering	
Steering ratio, overall	:1	15.0	15.1
Tyres, front/rear		205/55 R16 91V	205/55 R16 91V
Rims, front/rear		7J x 16 steel	7J x 16 steel

		BMW 120d 3-door	BMW 120d xDrive 3-door
Transmission			
Type of transmission		6-speed manual (optional: 8-speed Steptronic transmission)	8-speed Steptronic transmission
Gear ratios	I	:1	4.110 (5.000)
	II	:1	2.248 (3.200)
	III	:1	1.403 (2.143)
	IV	:1	1.000 (1.720)
	V	:1	0.802 (1.314)
	VI	:1	0.659 (1.000)
	VII	:1	– (0.822)
	VIII	:1	– (0.640)
	R	:1	3.727 (3.456)
Final drive		:1	3.077 (2.647)
Performance			
Power-to-weight ratio		kg/kW	9.8 (9.9)
Output per litre		kW/ltr	70.2
Acceleration	0–100 km/h	s	7.1 (7.0)
in 5th gear	80–120 km/h	s	7.2 (–)
Top speed		km/h	228 (228)
BMW EfficientDynamics			
BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode with coasting function (automatic), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, 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)
Extra-urban		ltr/100 km	3.6 (3.5)
Combined		ltr/100 km	4.1 (3.9)
CO ₂		g/km	108 (103)
With rims 7J x 17 and tyres 205/50 R17, with rims 7.5J x 17 and tyres 225/45 R 17 as well as winter tyres, with rims 7.5J x 17 front, 8J x 17 rear and tyres 225/45 R17 front, 245/40 R17 rear			
Urban		ltr/100 km	5.3 (4.9)
Extra-urban		ltr/100 km	3.7 (3.7)
Combined		ltr/100 km	4.3 (4.1)
CO ₂		g/km	114 (109)
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	5.5 (5.1)
Extra-urban		ltr/100 km	3.9 (3.9)
Combined		ltr/100 km	4.5 (4.3)
CO ₂		g/km	118 (114)
Emission rating			EU6

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

¹⁾ Height with roof fin: 1440 mm

²⁾ Oil change

³⁾ Fuel consumption and CO₂ emission figures depend on the selected tyre format

BMW 125d 3-door.

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. ltr	52
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, braked (12%)/unbraked	Kg	1500 / 740
Max. roof load/max towbar download	kg	75 / 75
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C _d x A	0.31 x 2.14
Power Unit		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage charging, high-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
Electrical System		
Battery/installation	Ah/–	90 / luggage comp.
Alternator	A/W	150 / 2100
Driving Dynamics and Safety		
Suspension, front		Aluminium double-joint spring strut axle
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes
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		205/50 R17 89Y
Rims, front/rear		7J x 17 light-alloy

BMW 125d 3-door

Transmission

Type of transmission	8-speed Steptronic transmission		
Gear ratios	I	:1	5.000
	II	:1	3.200
	III	:1	2.143
	IV	:1	1.720
	V	:1	1.314
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.456
Final drive		:1	2.647

Performance

Power-to-weight ratio	kg/kW	8.6
Output per litre	kW/ltr	82.7
Acceleration 0–100 km/h	s	6.3
in 5th gear 80–120 km/h	s	–
Top speed	km/h	240

BMW EfficientDynamics

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, 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
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Fuel Consumption EU ³⁾

With standard tyres		
Urban	ltr/100 km	5.1
Extra-urban	ltr/100 km	3.9
Combined	ltr/100 km	4.3
CO ₂	g/km	114
With rims 7.5J x 17 and tyres 225/45 R 17 as well as winter tyres, with rims 7.5J x 17 front, 8J x 17 rear and tyres 225/45 R17 front, 245/40 R17 rear, 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		EU6

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

¹⁾ Height with roof fin: 1440 mm

²⁾ Oil change

³⁾ Fuel consumption and CO₂ emission figures depend on the selected tyre format

BMW 116i 5-door		
Body		
No. of doors/seats		5 / 5
Length/width/height ¹⁾ (unladen)	mm	4329 / 1765 / 1421
Wheelbase	mm	2690
Track, front/rear	mm	1535 / 1569
Ground clearance	mm	140
Turning circle	m	10.9
Fuel tank capacity	approx. ltr	52
Cooling system incl. heater	ltr	7.7
Engine oil ²⁾	ltr	4.25
Weight, unladen, to DIN/EU	kg	1305 / 1380
Max. load to DIN	kg	565
Max. permissible weight	kg	1870
Max. axle load, front/rear	kg	850 / 1090
Max. trailer load, braked (12%)/unbraked	kg	1200 / 650
Max. roof load/max towbar download	kg	75 / 75
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C _d x A	0.31 x 2.14
Power Unit		
Config./No. of cyls./valves		in-line / 3 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger, High Precision Direct 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, 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 5-door			
Transmission			
Type of transmission	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-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			
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, 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, rims 7J x 16 and tyres 205/55 R16 as well as winter tyres			
Urban	ltr/100 km		6.3
Extra-urban	ltr/100 km		4.2
Combined	ltr/100 km		5.0
CO ₂	g/km		116
With rims 7J x 17 and tyres 205/50 R17, with rims 7.5J x 17 and tyres 225/45 R 17, with rims 7.5J x 17 front, 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 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 CO₂ 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. ltr	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	kg	1300 / 1375 (1320 / 1395)	1305 / 1380 (1320 / 1395)
Max. load to DIN	kg	565	565
Max. permissible weight	kg	1865 (1885)	1870 (1885)
Max. axle load, front/rear	kg	865 / 1090	870 / 1090
Max. trailer load, braked (12%/unbraked)	kg	1200 / 650	1200 / 670
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	0.31 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-scroll turbocharger, High Precision Direct Injection, fully variable valve control (VALVETRONIC), Double-VANOS variable camshaft control	
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	rpm	4400 – 6450	4800 – 6450
Max torque	Nm	220	250
at	rpm	1350 – 4300	1500 – 4500
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, 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	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	6-speed manual (optional: 8-speed Steptronic transmission)		
Gear ratios	I	:1	4.552 (4.714)
	II	:1	2.548 (3.143)
	III	:1	1.659 (2.106)
	IV	:1	1.230 (1.667)
	V	:1	1.000 (1.285)
	VI	:1	0.830 (1.000)
	VII	:1	– (0.839)
	VIII	:1	– (0.667)
	R	:1	4.138 (3.295)
Final drive		:1	2.813 (3.077)
			3.077 (3.077)
Performance			
Power-to-weight ratio	kg/kW		13.0 (13.2)
Output per litre	kW/ltr		62.6
Acceleration	0–100 km/h	s	8.5 (8.7)
	80–120 km/h	s	10.6 (–)
Top speed	km/h		210 (210)
			225 (222)
BMW EfficientDynamics			
BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode, intelligent lightweight 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 Consumption EU ³⁾			
With standard tyres, rims 7J x 16 and tyres 205/55 R16 as well as winter tyres			
Urban	ltr/100 km		7.0 (7.2)
Extra-urban	ltr/100 km		4.5 (4.6)
Combined	ltr/100 km		5.4 (5.6)
CO ₂	g/km		125 (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 front, 8J x 17 rear and tyres 225/45 R17 front, 245/40 R17 rear			
Urban	ltr/100 km		7.2 (7.4)
Extra-urban	ltr/100 km		4.6 (4.8)
Combined	ltr/100 km		5.6 (5.7)
CO ₂	g/km		129 (133)
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		7.4 (7.6)
Extra-urban	ltr/100 km		4.7 (4.9)
Combined	ltr/100 km		5.7 (5.9)
CO ₂	g/km		133 (137)
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 CO₂ emission figures depend on the selected tyre format

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. ltr	52
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, braked (12%/unbraked)	kg	1200 / 680
Max. roof load/max towbar download	kg	75 / 75
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, 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 (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, Tyre Defect Indicator
Steering		Electric Power Steering (EPS), optional: Servotronic function, variable sport steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		205/50 R17 89Y
Rims, front/rear		7J x 17 light-alloy

BMW 125i 5-door

Transmission

Type of transmission	6-speed manual (optional: 8-speed Steptronic transmission)		
Gear ratios	I	:1	3.683 (4.714)
	II	: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

Power-to-weight ratio	kg/kW	8.5 (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 EfficientDynamics

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode with coasting function (automatic), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, final drive with optimised warm-up behaviour, tyres with reduced roll resistance
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Fuel Consumption EU ³⁾

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 tyres 225/45 R 17 as well as winter tyres, with rims 7.5J x 17 front, 8J x 17 rear and tyres 225/45 R17 front, 245/40 R17 rear, 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	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		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 CO₂ emission figures depend on the selected tyre format

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

		BMW M135i 5-door	BMW M135i xDrive 5-door
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. ltr	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, braked (12%/unbraked)	kg	- / -	- / -
Max. roof load/max towbar download	kg	75 / -	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 technology: twin-scroll turbocharger, High Precision Direct Injection, fully variable valve control (VALVETRONIC), 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
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
Driving Dynamics and Safety			
Suspension, front		Aluminium double-joint spring strut axle with M-specific elastokinematics	
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing	
Brakes, front		Four-piston fixed-calliper disc brakes	
Brakes, rear		Twin-piston fixed-calliper disc brakes	
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant; BMW M135i xDrive: linked to xDrive all-wheel-drive system in Integrated Chassis Management (ICM)	
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, Tyre Defect Indicator	
Steering		Electric Power Steering (EPS), variable sport steering incl. Servotronic function	
Steering ratio, overall	:1	14.5	14.6
Tyres, front/rear		225/40 ZR18 88Y/ 245/35 ZR18 92Y XL	225/40 ZR18 88Y/ 245/35 ZR18 92Y XL
Rims front/rear		7.5J x 18 light-alloy/ 8J x 18 light-alloy	7.5J x 18 light-alloy/ 8J x 18 light-alloy

		BMW M135i 5-door		BMW M135i xDrive 5-door	
Transmission					
Type of transmission		6-speed manual (optional: 8-speed Steptronic sport transmission)		8-speed Steptronic sport transmission	
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-weight 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 EfficientDynamics					
BMW EfficientDynamics standard features		Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode with coasting function (automatic), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, final drive with optimised warm-up behaviour, efficiency- and weight-optimised transfer case (BMW M135i xDrive), tyres with reduced roll resistance			
Fuel Consumption 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	
Emission rating			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)

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

BMW 116d 5-door.

BMW 116d 5-door		
Body		
No. of doors/seats		5 / 5
Length/width/height ¹⁾ (unladen)	mm	4329 / 1765 / 1421
Wheelbase	mm	2690
Track, front/rear	mm	1535 / 1569
Ground clearance	mm	140
Turning circle	m	10.9
Fuel tank capacity	approx. ltr	52
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, braked (12%/unbraked)	kg	1500 / 690
Max. roof load/max towbar download	kg	75 / 75
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C _d x A	0.30 x 2.14
Power Unit		
Config./No. of cyls./valves		in-line / 3 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common rail direct injection with solenoid valve injectors, max. injection pressure: 2,000 bar
Effective capacity	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
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 116d 5-door

Transmission

Type of transmission	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

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
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Fuel Consumption EU ³⁾

With standard tyres, rims 7J x 16 and tyres 205/55 R16 as well 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 front, 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 front, 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 CO₂ emission figures depend on the selected tyre format

BMW 116d EfficientDynamics Edition 5-door.

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. ltr	52
Cooling system incl. heater	ltr	7.0
Engine oil ²⁾	ltr	4.4
Weight, unladen, to DIN/EU	kg	1320 / 1395
Max. load to DIN	kg	565
Max. permissible weight	kg	1885
Max. axle load, front/rear	kg	855 / 1090
Max. trailer load, braked (12%/unbraked)	kg	- / -
Max. roof load/max towbar download	kg	75 / -
Luggage comp. capacity	ltr	360 – 1200
Air resistance	C _d x A	0.29 x 2.14
Power Unit		
Config./No. of cyls./valves		in-line / 3 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common rail direct injection with solenoid valve injectors, max. injection pressure: 2,000 bar
Effective capacity	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
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		205/55 R16 91V
Rims, front/rear		7J x 16 steel

BMW 116d EfficientDynamics Edition 5-door

Transmission

Type of transmission	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-weight ratio	kg/kW	15.5
Output per litre	kW/ltr	56.8
Acceleration 0–100 km/h	s	10.4
in 5th gear 80–120 km/h	s	12.9
Top speed	km/h	195

BMW EfficientDynamics

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, final drive with optimised warm-up behaviour, tyres with reduced roll resistance
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Fuel Consumption EU ³⁾

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

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

¹⁾ Height with roof fin: 1432 mm

²⁾ Oil change

³⁾ Fuel consumption and CO₂ emission figures depend on the selected tyre format

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	1535 / 1569	1522 / 1556
Ground clearance	mm	140	140
Turning circle	m	10.9	11.3
Fuel tank capacity	approx. ltr	52	52
Cooling system incl. heater	ltr	7.0	7.0
Engine oil ²⁾	ltr	5.0	5.0
Weight, unladen, to DIN/EU	kg	1350 / 1425 (1375 / 1450)	1425 / 1500
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, braked (12%/unbraked)	kg	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 variable inlet geometry, common rail direct injection with solenoid valve injectors, 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
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 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; BMW 118d xDrive: linked to xDrive all-wheel-drive system in Integrated Chassis Management (ICM)	
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, Tyre Defect Indicator	
Steering		Electric Power Steering (EPS), optional: Servotronic function, variable sport steering	
Steering 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 5-door	BMW 118d xDrive 5-door
Transmission			
Type of transmission		6-speed manual (optional: 8-speed Steptronic transmission)	6-speed manual
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	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)
in 5th gear	80–120 km/h	s	9.2 (–)
Top speed	km/h	212 (212)	210
BMW EfficientDynamics			
BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode with coasting function (automatic), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, 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 tyres 205/55 R16 (BMW 118d), with rims 7J x 17 and tyres 205/50 R17, with rims 7.5J x 17 and tyres 225/45 R 17 as well as winter tyres, with rims 7.5J x 17 front, 8J x 17 rear and tyres 225/45 R17 front, 245/40 R17 rear			
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 front, 8J x 18 rear and tyres 225/40 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 CO₂ emission figures depend on the selected tyre format

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

		BMW 120d 5-door	BMW 120d xDrive 5-door
Body			
No. of doors/seats		5 / 5	5 / 5
Length/width/height ¹⁾ (unladen)	mm	4329 / 1765 / 1421	4329 / 1765 / 1421
Wheelbase	mm	2690	2690
Track, front/rear	mm	1521 / 1556	1522 / 1556
Ground clearance	mm	140	140
Turning circle	m	10.9	11.3
Fuel tank capacity	approx. ltr	52	52
Cooling system incl. heater	ltr	7.0	7.0
Engine oil ²⁾	ltr	5.0	5.0
Weight, unladen, to DIN/EU	kg	1375 / 1450 (1390 / 1465)	1455 / 1530
Max. load to DIN	kg	565	550
Max. permissible weight	kg	1940 (1955)	2005
Max. axle load, front/rear	kg	900 / 1090	975 / 1090
Max. trailer load, braked (12%/unbraked)	kg	1500 / 710	1500 / 750
Max. roof load/max towbar download	kg	75 / 75	75 / 75
Luggage comp. capacity	ltr	360 – 1200	360 – 1200
Air resistance	C _d x A	0.30 x 2.14	0.31 x 2.14
Power Unit			
Config./No. of cyls./valves		in-line / 4 / 4	in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common rail direct injection with solenoid valve injectors, max. injection pressure: 2,000 bar	
Effective capacity	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	140 / 190	140 / 190
at	rpm	4000	4000
Max torque	Nm	400	400
at	rpm	1750 – 2500	1750 – 2500
Electrical System			
Battery/installation	Ah/–	90 / luggage comp.	90 / luggage comp.
Alternator	A/W	150 / 2100	150 / 2100
Driving Dynamics and Safety			
Suspension, front		Aluminium double-joint spring strut 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; BMW 120d xDrive: linked to xDrive all-wheel-drive system in Integrated Chassis Management (ICM)	
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, Tyre Defect Indicator	
Steering		Electric Power Steering (EPS), optional: Servotronic function, variable sport steering	
Steering ratio, overall	:1	15.0	15.1
Tyres, front/rear		205/55 R16 91V	205/55 R16 91V
Rims, front/rear		7J x 16 steel	7J x 16 steel

		BMW 120d 5-door	BMW 120d xDrive 5-door
Transmission			
Type of transmission		6-speed manual (optional: 8-speed Steptronic transmission)	8-speed Steptronic transmission
Gear ratios	I	:1	4.110 (5.000)
	II	:1	2.248 (3.200)
	III	:1	1.403 (2.143)
	IV	:1	1.000 (1.720)
	V	:1	0.802 (1.314)
	VI	:1	0.659 (1.000)
	VII	:1	– (0.822)
	VIII	:1	– (0.640)
	R	:1	3.727 (3.456)
Final drive		:1	3.077 (2.647)

Performance			
Power-to-weight ratio		kg/kW	9.8 (9.9)
Output per litre		kW/ltr	70.2
Acceleration	0–100 km/h	s	7.1 (7.0)
in 5th gear	80–120 km/h	s	7.2 (–)
Top speed		km/h	228 (228)

BMW EfficientDynamics

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode with coasting function (automatic), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, 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
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Fuel Consumption EU ³⁾

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

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

¹⁾ Height with roof fin: 1440 mm

²⁾ Oil change

³⁾ Fuel consumption and CO₂ emission figures depend on the selected tyre format

BMW 125d 5-door.

BMW 125d 5-door		
Body		
No. of doors/seats		5 / 5
Length/width/height ¹⁾ (unladen)	mm	4329 / 1765 / 1421
Wheelbase	mm	2690
Track, front/rear	mm	1521 / 1556
Ground clearance	mm	140
Turning circle	m	10.9
Fuel tank capacity	approx. ltr	52
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, braked (12%)/unbraked	Kg	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 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
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		205/50 R17 89W
Rims, front/rear		7J x 17 light-alloy

BMW 125d 5-door

Transmission

Type of transmission	8-speed Steptronic transmission		
Gear ratios	I	:1	5.000
	II	:1	3.200
	III	:1	2.143
	IV	:1	1.720
	V	:1	1.314
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.456
Final drive		:1	2.647

Performance

Power-to-weight ratio	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	km/h	240

BMW EfficientDynamics

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode with coasting function, 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
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Fuel Consumption EU ³⁾

With standard tyres		
Urban	ltr/100 km	5.1
Extra-urban	ltr/100 km	3.9
Combined	ltr/100 km	4.3
CO ₂	g/km	114
With rims 7.5J x 17 and tyres 225/45 R 17 as well as winter tyres, with rims 7.5J x 17 front, 8J x 17 rear and tyres 225/45 R17 front, 245/40 R17 rear, 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		EU6

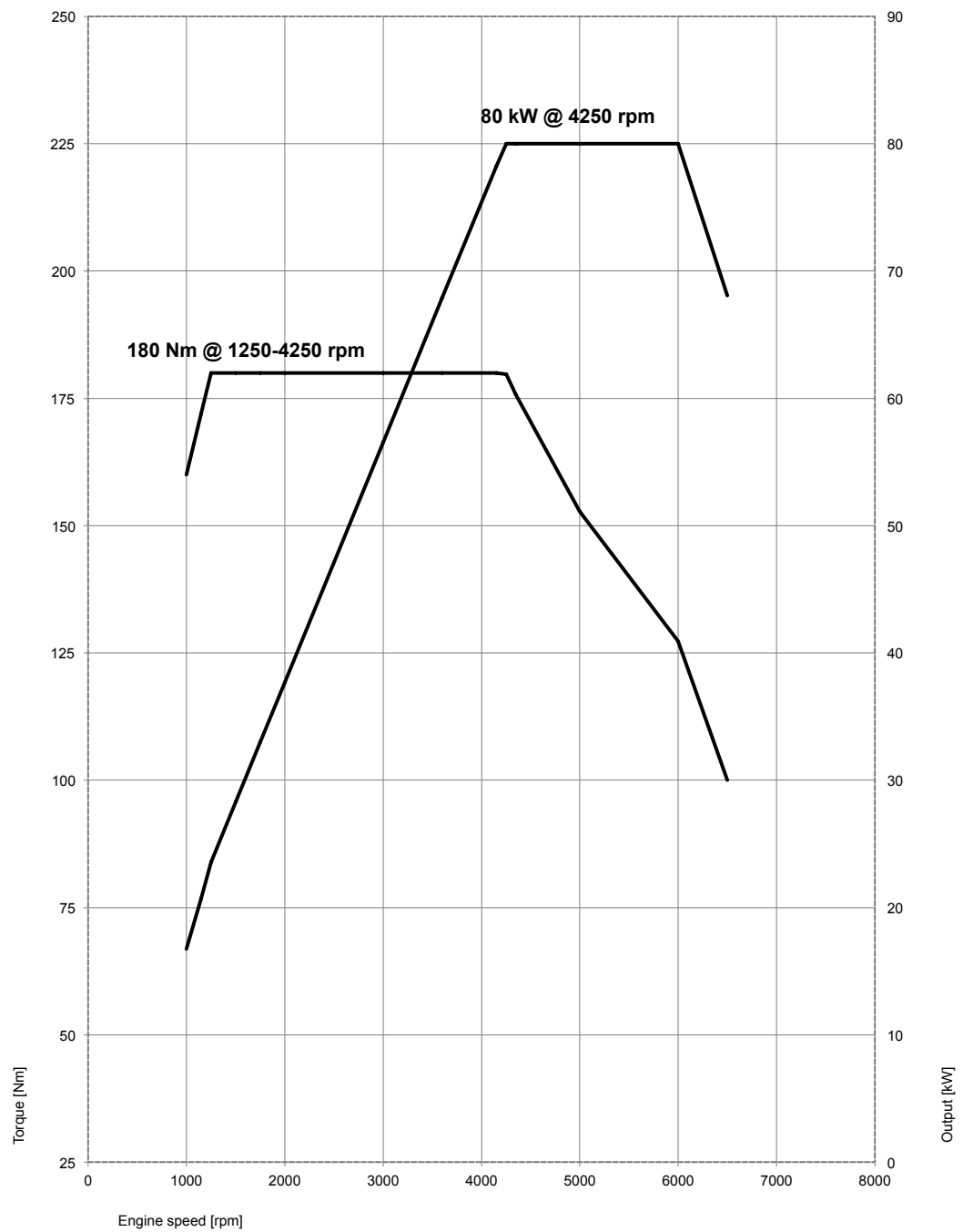
Specifications apply to ACEA markets/data relevant to homologation apply in part only to Germany (weight)

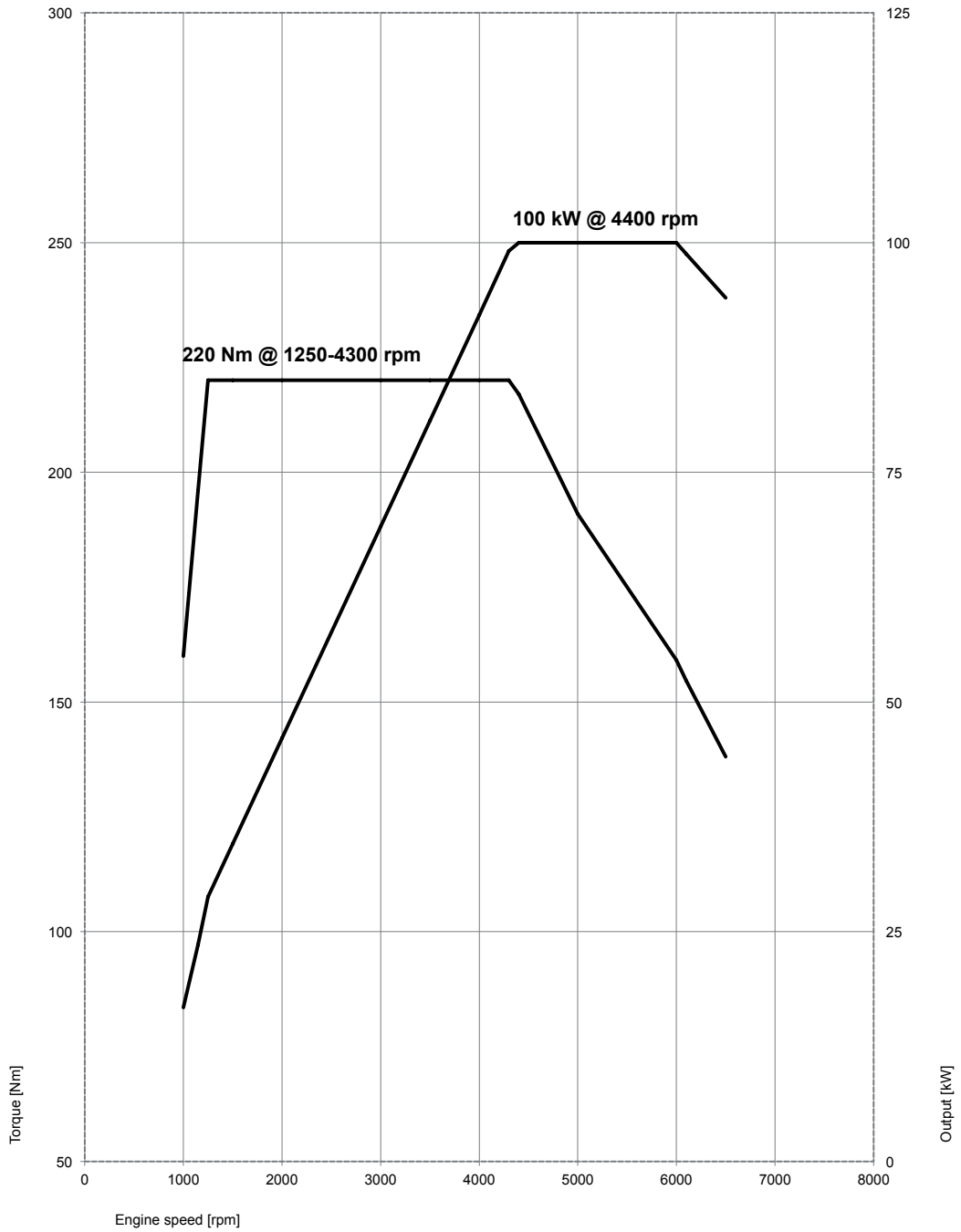
¹⁾ Height with roof fin: 1440 mm

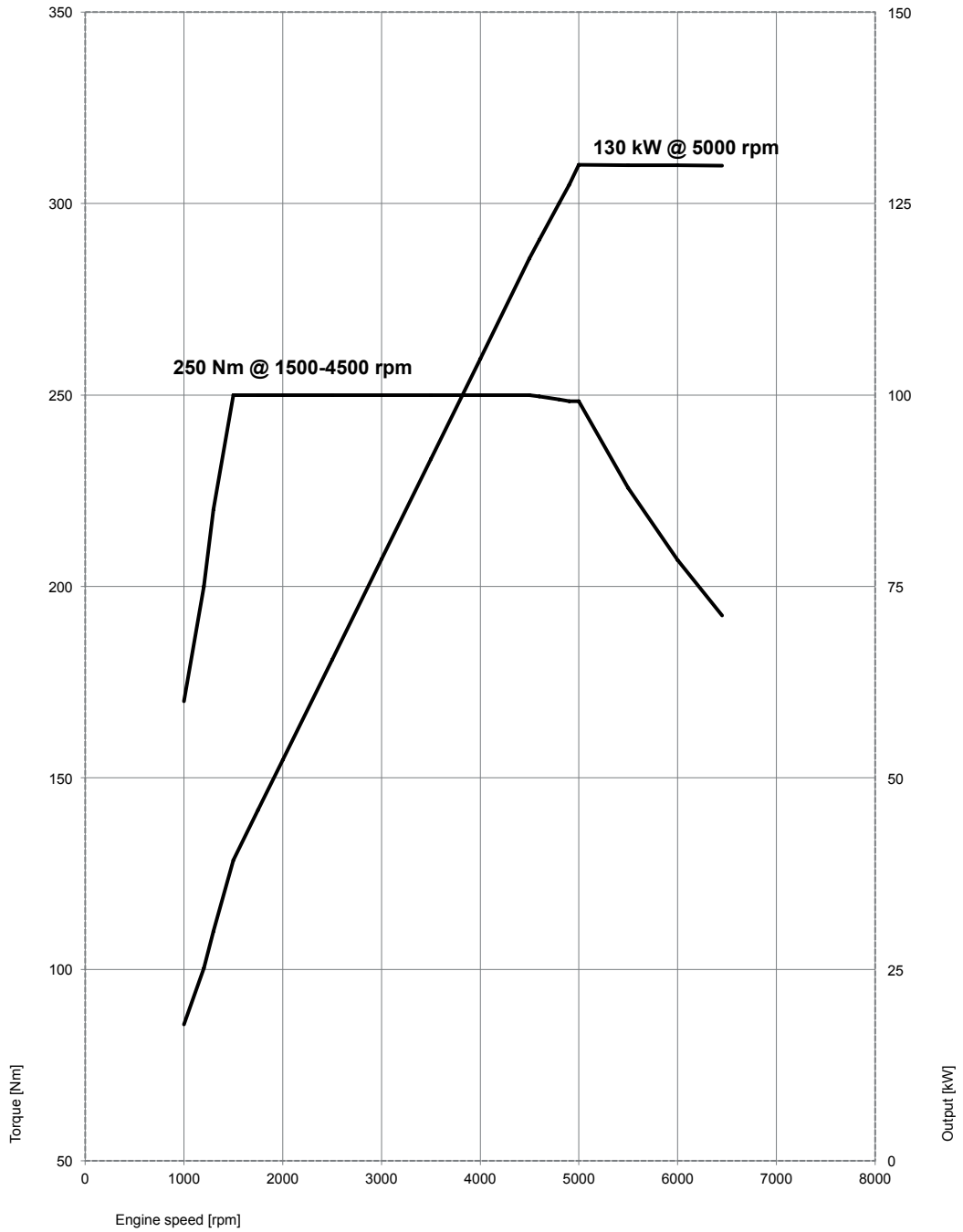
²⁾ Oil change

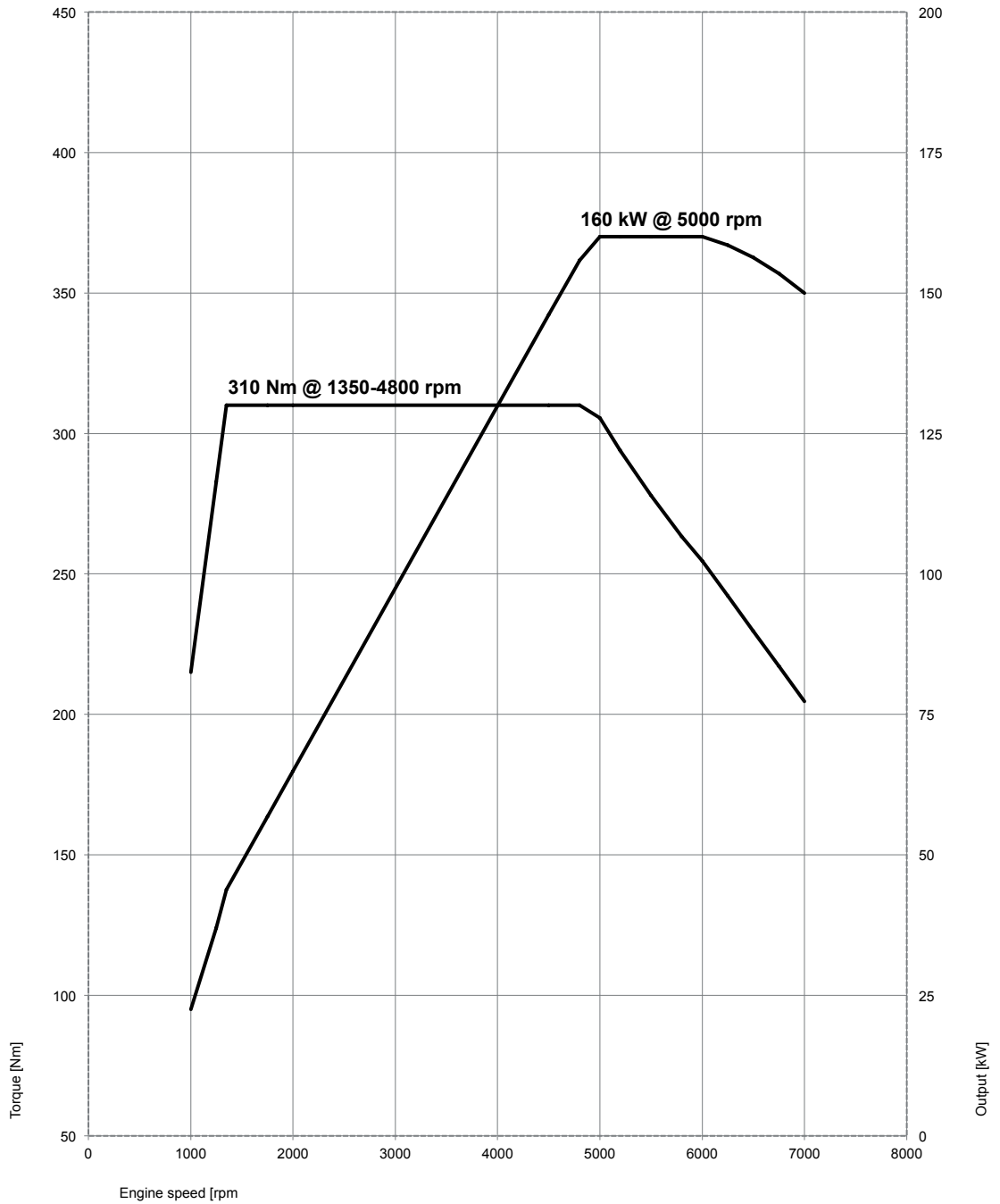
³⁾ Fuel consumption and CO₂ emission figures depend on the selected tyre format

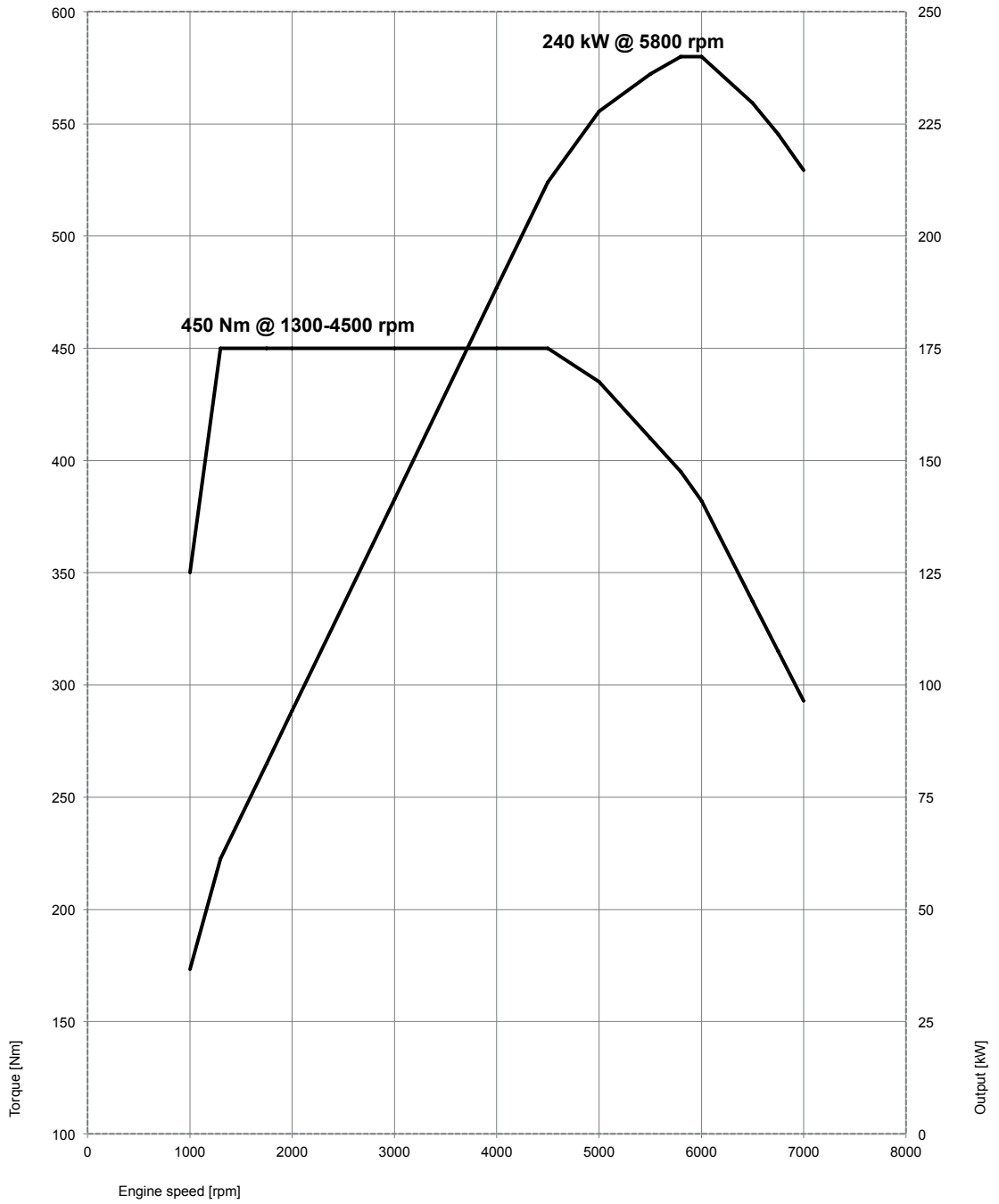
8. Output and torque diagrams. BMW 116i.



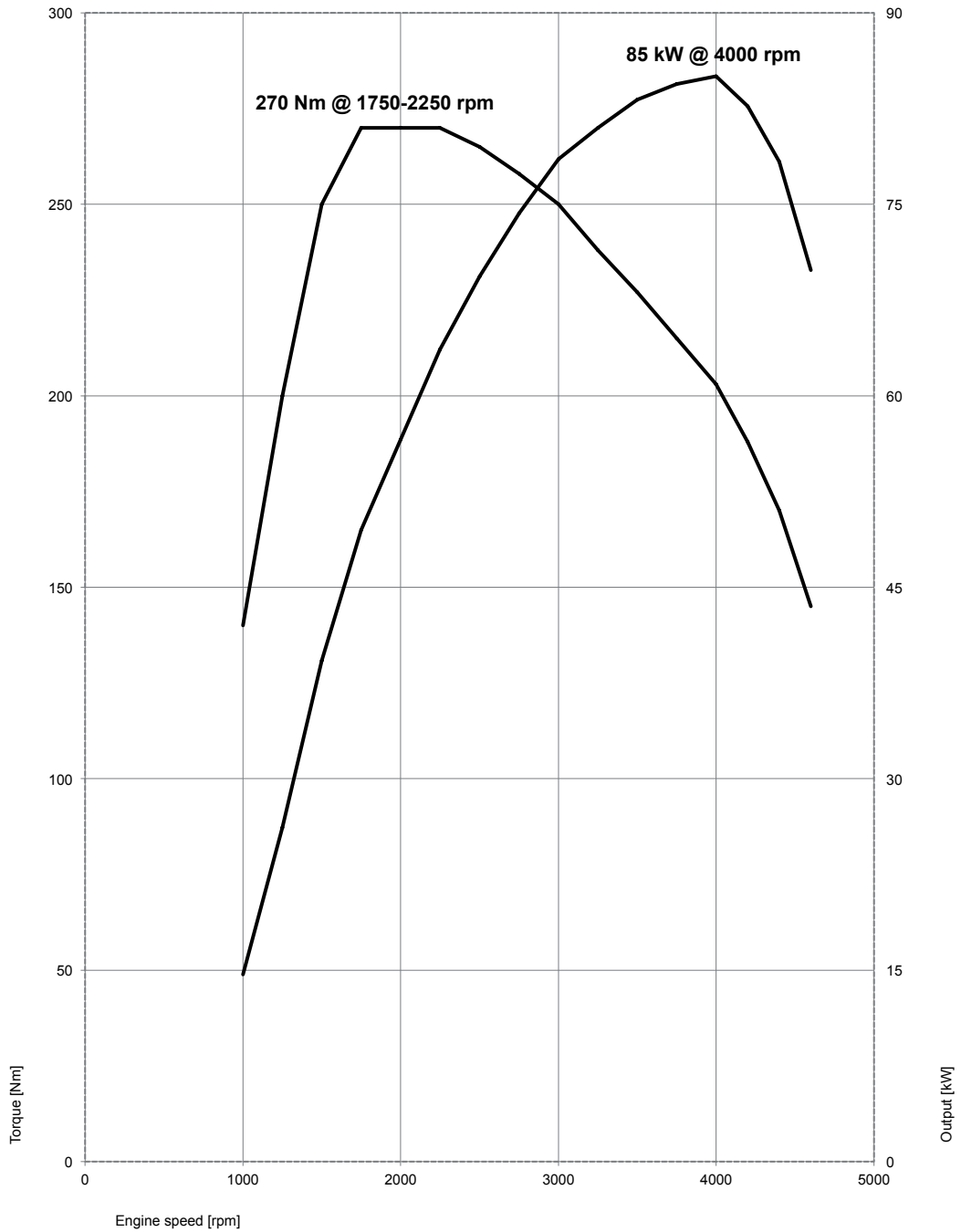


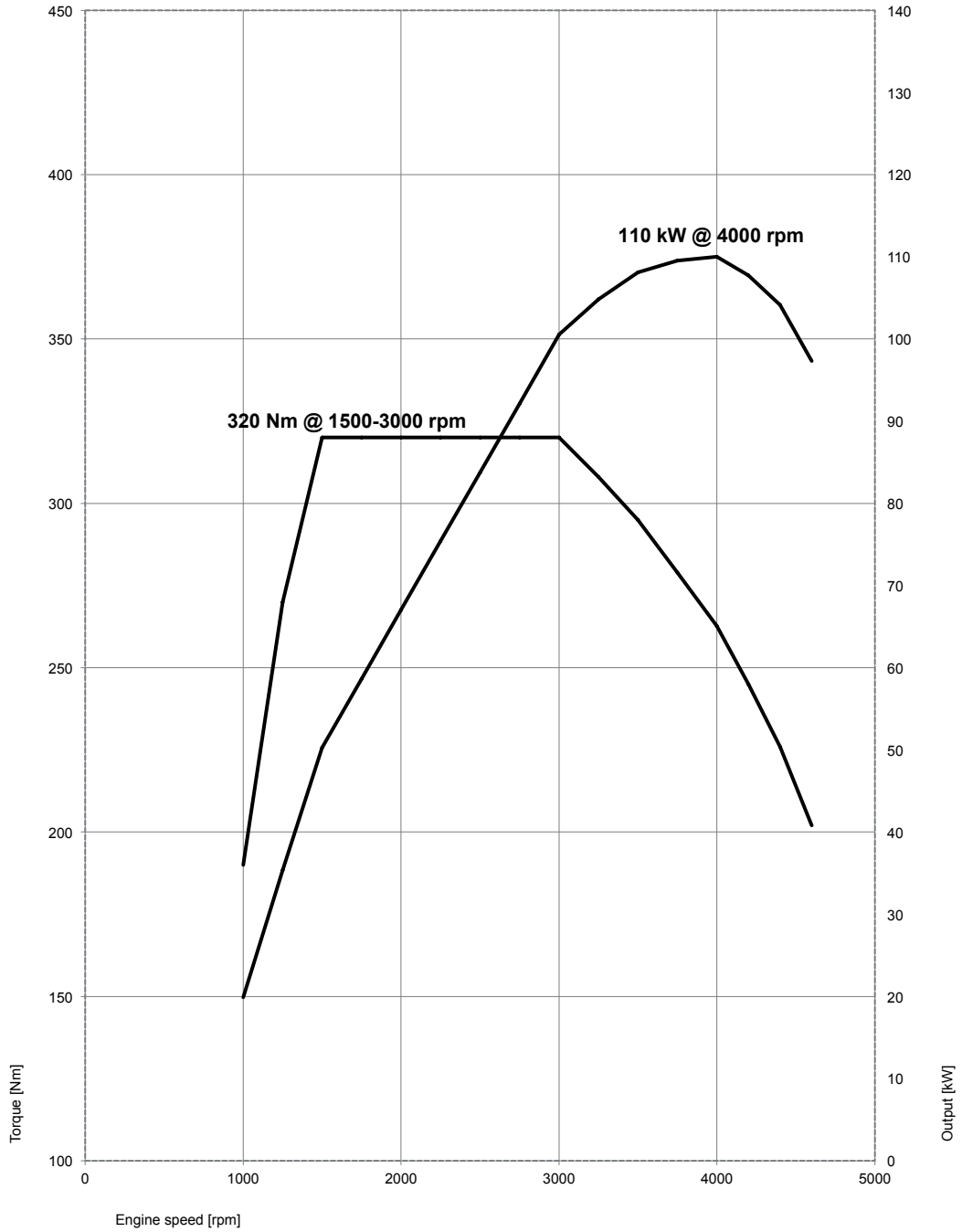


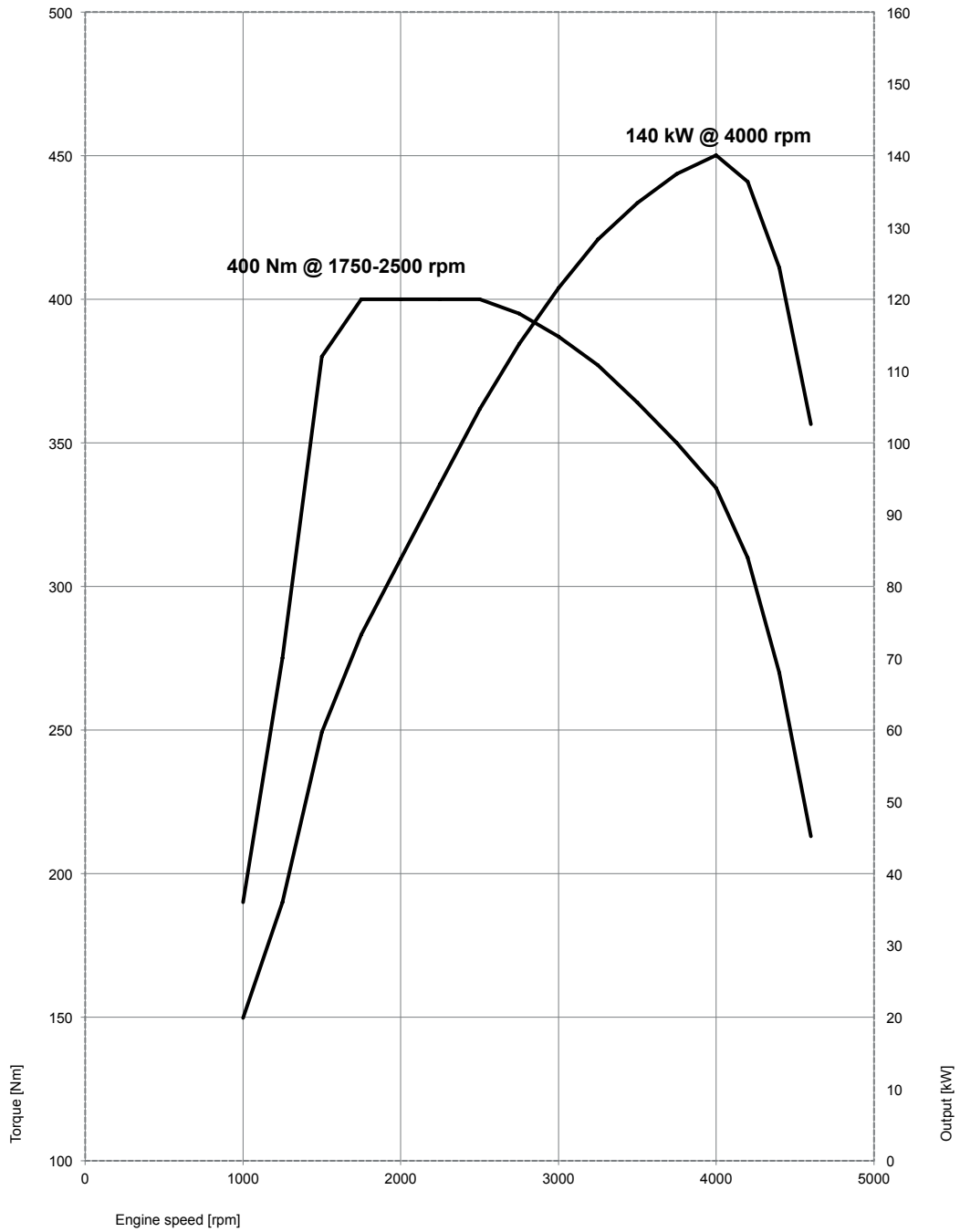


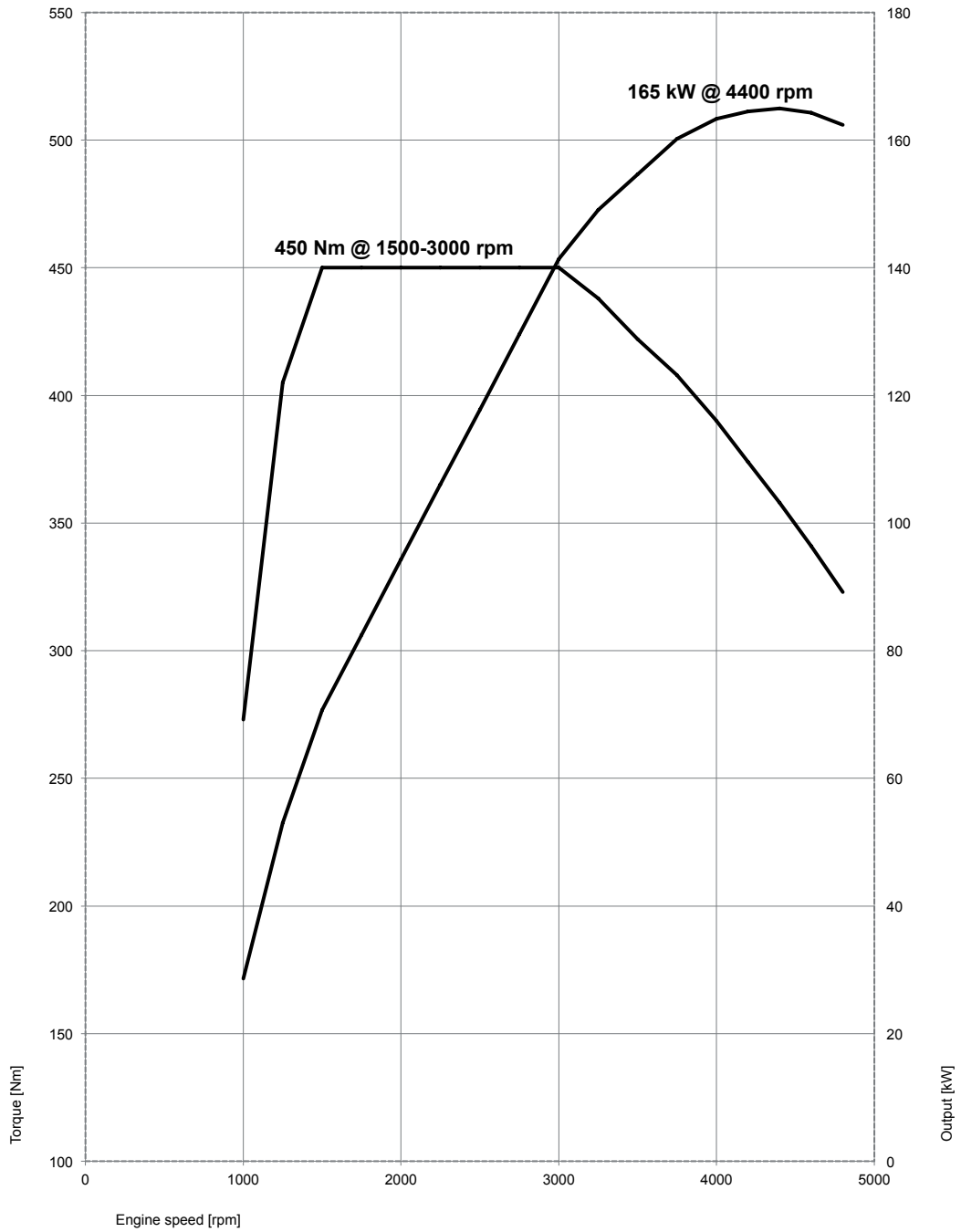


BMW 116d and BMW 116d ED.

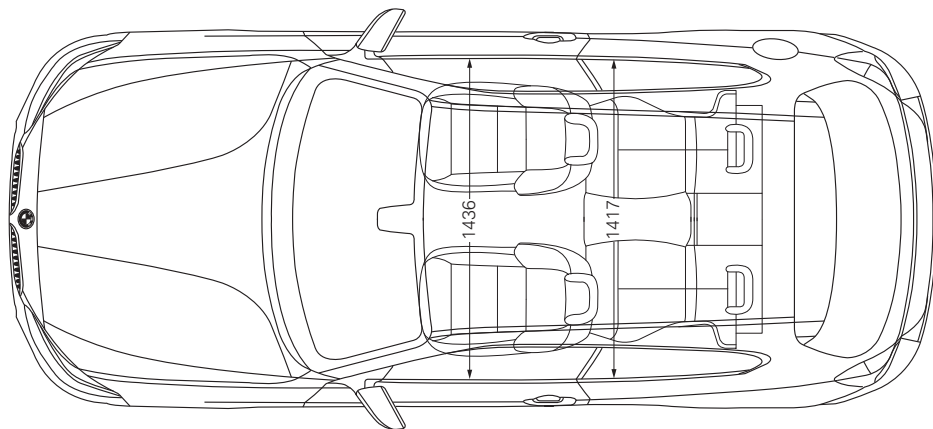
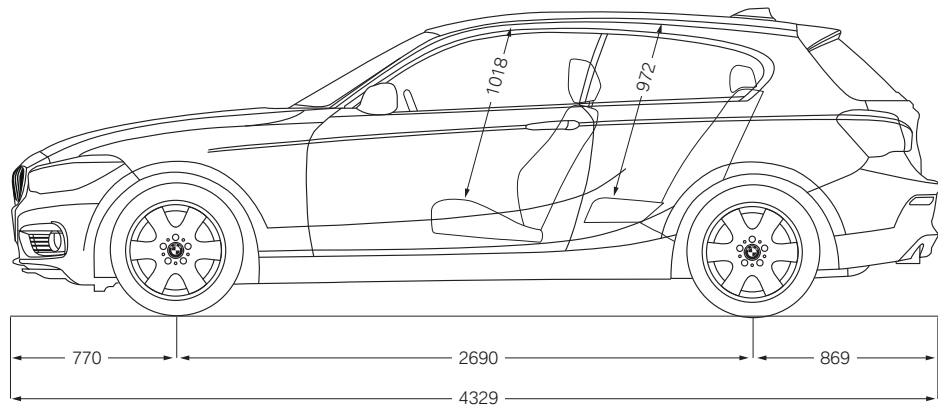
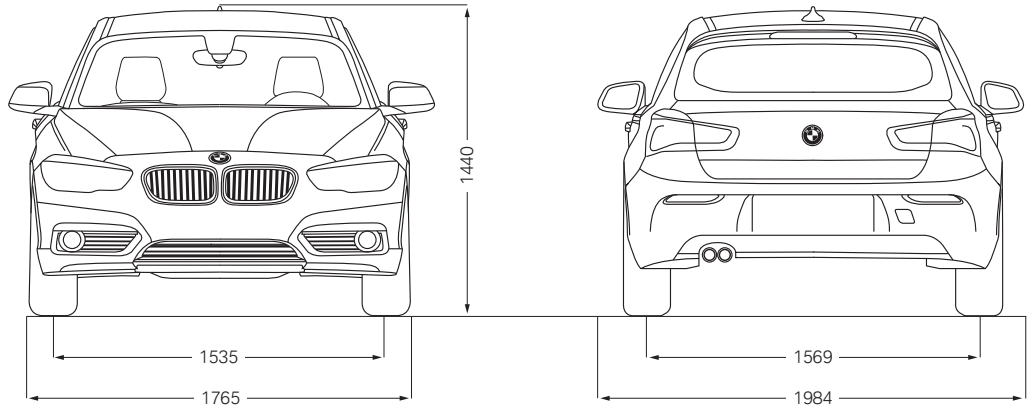








9. Exterior and interior dimensions. 3-door BMW 1 Series.



5-door BMW 1 Series.

