

Specifications.

BMW 4 Series Coupe.

420i, 430i.



		BMW 420i Coupe	BMW 430i Coupe
Body			
No of doors / seats		2 / 4	2 / 4
Length / width / height (unladen)	mm	4640 / 1825 / 1377	4640 / 1825 / 1377
Wheelbase	mm	2810	2810
Track, front / rear	mm	1547 / 1593	1547 / 1593
Ground clearance	mm	130	130
Turning circle	m	11.3	11.3
Fuel tank capacity	approx. l	60	60
Engine oil ¹⁾	l	5.25	5.25
Weight, unladen, to DINEU	kg	1475 / 1550 (1495 / 1570)	1490 / 1565 (1510 / 1585)
Max load to DIN	kg	520	520
Max permissible weight	kg	1995 (2015)	2010 (2030)
Max axle load, front / rear	kg	940 / 1115	940 / 1130
Max trailer load, braked (12%) / unbraked	kg	1400 (1500) / 695	1600 / 745
Max roofload / max towbar download	kg	75 / 75	75 / 75
Luggage comp capacity	l	445	445
Air resistance	cd x A	0.29 x 2.16	0.29 x 2.16
Power Unit			
Config/No of cyls/valves		In-line/4/4	In-line/4/4
Engine technology		BMW TwinPower Turbo technology with TwinScroll turbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve control und Double-VANOS variable camshaft timing	
Effective capacity	cc	1998	1998
Stroke / bore	mm	94.6 / 82.0	94.6 / 82.0
Compression ratio	:1	11.0	10.2
Fuel		RON 90 – 98	RON 90 – 98
Recommended fuel		RON 95	RON 95
Max output	kW/hp	135 / 184	185 / 252
at	rpm	5000	5200
Max torque	Nm/lb-ft	290/214 (270/199)	350/258
at	rpm	1350 – 4600	1450 – 4800
Electrical System			
Battery/installation	Ah/–	80 / Luggage compartment	80 / Luggage compartment
Driving Dynamics and Safety			
Suspension, front		Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, traverse force compensation, anti-dive	
Suspension, rear		Five-link axle in lightweight construction	
Brakes, front		Single-piston floating-calliper disc brakes / vented	
Brakes, rear		Single-piston floating-calliper disc brakes / vented	
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), 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 1st and 2nd seat row, three-point inertia-reel belts on all seats, integrated at the front with belt tensioners and belt force limiter, crash sensors, tyre pressure indicator	
Steering		Electric Power Steering (EPS) with Servotronic function; optional: Variable Sport Steering	
Steering ratio, overall	:1	15.0	15.0
Tyres, front / rear		225/50 R17 94W	225/50 R17 94W
Rims, front / rear		7.5J x 17 LM	7.5J x 17 LM

BMW 420i Coupe			BMW 430i Coupe	
Transmission				
Type of transmission		6-speed manual (optional: 8-speed Steptronic)		
Gear ratios	I	:1	4.002 (5.000)	3.683 (5.000)
	II	:1	2.130 (3.200)	2.062 (3.200)
	III	:1	1.396 (2.143)	1.313 (2.143)
	IV	:1	1.000 (1.720)	1.000 (1.720)
	V	:1	0.781 (1.314)	0.809 (1.314)
	VI	:1	0.668 (1.000)	0.677 (1.000)
	VII	:1	– (0.822)	– (0.822)
	VIII	:1	– (0.640)	– (0.640)
	R	:1	3.647 (3.456)	3.348 (3.456)
Final drive		:1	3.385 (2.813)	3.909 (2.813)
Performance				
Power-to-weight ratio (DIN)	kg/kW	10.9 (11.1)	8.1 (8.2)	
Output per litre	kW/l	67.6	92.6	
Acceleration 0–100 km/h	s	7.3 (7.5)	5.9 (5.8)	
Top speed	km/h	236 (236)	250 (250)	
BMW EfficientDynamics				
BMW EfficientDynamics standard features		Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function (automatic transmission), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised-warm-up behaviour, tyres with reduced rolling resistance		
Fuel Consumption EU ²⁾				
With standard wheels and tyres				
urban	l/100 km	7.7 (7.1)	7.9 (7.0)	
inter-urban	l/100 km	4.7 (4.5)	5.1 (4.7)	
combined	l/100 km	5.8 (5.5)	6.1 (5.5)	
CO ₂	g/km	134 (127)	143 (129)	
With 8J x 18 wheels and 225/45 R18 tyres / with winter tyres, with 8J x 18 wheels (front), 8.5J x 18 (rear) and 225/45 R18 tyres (front), 255/40 R18 (rear), with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear)				
urban	l/100 km	8.1 (7.6)	8.4 (7.4)	
inter-urban	l/100 km	4.9 (4.7)	5.4 (4.9)	
combined	l/100 km	6.1 (5.8)	6.5 (5.8)	
CO ₂	g/km	141 (134)	151 (136)	
Emission rating		EU6	EU6	

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

¹⁾ Oil change

²⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format

BMW 4 Series Coupe. 440i.

BMW 440i Coupe		
Body		
No of doors / seats		2 / 4
Length / width / height (unladen)	mm	4640 / 1825 / 1377
Wheelbase	mm	2810
Track, front / rear	mm	1547 / 1593
Ground clearance	mm	130
Turning circle	m	11.3
Fuel tank capacity	approx. l	60
Engine oil ¹⁾	l	6.5
Weight, unladen, to DINEU	kg	1540 / 1615 (1555 / 1630)
Max load to DIN	kg	520
Max permissible weight	kg	2060 (2075)
Max axle load, front / rear	kg	985 / 1130
Max trailer load, braked (12%) / unbraked	kg	1700 / 750
Max roofload / max towbar download	kg	75 / 75
Luggage comp capacity	l	445
Air resistance	cd x A	0.30 x 2.16 (0.29 x 2.16)
Power Unit		
Config/No of cyls/valves		R / 6 / 4
Engine technology	BMW TwinPower Turbo technology with TwinScroll turbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve control und Double-VANOS variable camshaft timing	
Effective capacity	cc	2998
Stroke / bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		RON 90 – 98
Recommended fuel		RON 95
Max output	kW/hp	240 / 326
at	rpm	5500
Max torque	Nm/lb-ft	450/332
at	rpm	1380 – 5000
Electrical System		
Battery/installation	Ah/–	90 / Luggage compartment
Driving Dynamics and Safety		
Suspension, front	Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, traverse force compensation, anti-dive	
Suspension, rear	Five-link axle in lightweight construction	
Brakes, front	Single-piston floating-calliper disc brakes / vented	
Brakes, rear	Single-piston floating-calliper disc brakes / vented	
Driving stability systems	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), 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 1st and 2nd seat row, three-point inertia-reel belts on all seats, integrated at the front with belt tensioners and belt force limiter, crash sensors, tyre pressure indicator	
Steering	Electric Power Steering (EPS) with Servotronic function; optional: Variable Sport Steering	
Steering ratio, overall	:1	15.0
Tyres, front / rear		225/50 R17 94W
Rims, front / rear		7.5J x 17 LM

BMW 440i Coupe			
Transmission			
Type of transmission		6-speed manual (optional: 8-speed Steptronic)	
Gear ratios	I	:1	4.110 (5.000)
	II	:1	2.315 (3.200)
	III	:1	1.542 (2.143)
	IV	:1	1.179 (1.720)
	V	:1	1.000 (1.314)
	VI	:1	0.846 (1.000)
	VII	:1	– (0.822)
	VIII	:1	– (0.640)
	R	:1	3.727 (3.456)
Final drive		:1	3.231 (2.813)
Performance			
Power-to-weight ratio (DIN)	kg/kW		6.4 (6.5)
Output per litre	kW/l		80.1
Acceleration 0–100 km/h	s		5.2 (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 Shift Indicator, ECO PRO mode with coasting function (automatic transmission), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised-warm-up behaviour, tyres with reduced rolling resistance	
Fuel Consumption EU ²⁾			
With standard wheels and tyres			
urban	l/100 km		10.0 (8.8)
inter-urban	l/100 km		5.9 (5.3)
combined	l/100 km		7.4 (6.6)
CO ₂	g/km		172 (154)
With 8J x 18 wheels and 225/45 R18 tyres / with winter tyres, with 8J x 18 wheels (front), 8.5J x 18 (rear) and 225/45 R18 tyres (front), 255/40 R18 (rear), with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear)			
urban	l/100 km		10.4 (9.1)
inter-urban	l/100 km		6.1 (5.5)
combined	l/100 km		7.7 (6.8)
CO ₂	g/km		179 (159)
Emission rating			EU6

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

¹⁾ Oil change

²⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format

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BMW 4 Series Coupe. 420d.

BMW 420d Coupe		
Body		
No of doors / seats		2 / 4
Length / width / height (unladen)	mm	4640 / 1825 / 1377
Wheelbase	mm	2810
Track, front / rear	mm	1547 / 1593
Ground clearance	mm	130
Turning circle	m	11.3
Fuel tank capacity	approx. l	57
Engine oil ¹⁾	l	5.0
Weight, unladen, to DINEU	kg	1475 / 1550 (1500 / 1575)
Max load to DIN	kg	520
Max permissible weight	kg	1995 (2020)
Max axle load, front / rear	kg	940 / 1120
Max trailer load, braked (12%) / unbraked	kg	1600 / 745
Max roofload / max towbar download	kg	75 / 75
Luggage comp capacity	l	445
Air resistance	cd x A	0.28 x 2.16
Power Unit		
Config/No of cyls/valves		In-line/4/4
Engine technology	BMW TwinPower Turbo technology: variable-geometry turbocharger, common-rail direct injection with solenoid valve injectors, max. injection pressure: 2000 bar	
Effective capacity	cc	1995
Stroke / bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	140 / 190
at	rpm	4000
Max torque	Nm/lb-ft	400/295
at	rpm	1750 – 2500
Electrical System		
Battery/installation	Ah/–	80 (90) / Luggage compartment
Driving Dynamics and Safety		
Suspension, front	Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, traverse force compensation, anti-dive	
Suspension, rear	Five-link axle in lightweight construction	
Brakes, front	Single-piston floating-calliper disc brakes / vented	
Brakes, rear	Single-piston floating-calliper disc brakes / vented	
Driving stability systems	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), 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 1st and 2nd seat row, three-point inertia-reel belts on all seats, integrated at the front with belt tensioners and belt force limiter, crash sensors, tyre pressure indicator	
Steering	Electric Power Steering (EPS) with Servotronic function, optional: Variable Sport Steering	
Steering ratio, overall	:1	15.0
Tyres, front / rear		225/50 R17 94W
Rims, front / rear		7.5J x 17 LM

BMW 420d Coupe			
Transmission			
Type of transmission		6-speed manual (8-speed Steptronic)	
Gear ratios	I	:1	4.110 (5.000)
	II	:1	2.247 (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	3.154 (2.813)
Performance			
Power-to-weight ratio (DIN)	kg/kW		10.5 (10.7)
Output per litre	kW/l		70.2
Acceleration 0–100 km/h	s		7.3 (7.1)
Top speed	km/h		240 (232)
BMW EfficientDynamics			
BMW EfficientDynamics standard features		Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function (automatic transmission), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance	
Fuel Consumption EU ²⁾			
With standard wheels and tyres			
urban	l/100 km		5.1 (4.7)
inter-urban	l/100 km		3.7 (3.6)
combined	l/100 km		4.2 (4.0)
CO ₂	g/km		111 (106)
With 8J x 18 wheels and 225/45 R18 tyres / with winter tyres, with 8J x 18 wheels (front), 8.5J x 18 (rear) and 225/45 R18 tyres (front), 255/40 R18 (rear), with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear)			
urban	l/100 km		5.5 (5.1)
inter-urban	l/100 km		3.9 (3.9)
combined	l/100 km		4.5 (4.3)
CO ₂	g/km		119 (114)
Emission rating			EU6

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Figures in brackets apply to models with automatic transmission

¹⁾ Oil change

²⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format

BMW 4 Series Convertible. 420i, 430i.

		BMW 420i Convertible	BMW 430i Convertible
Body			
No of doors / seats		2 / 4	2 / 4
Length / width / height (unladen)	mm	4640 / 1825 / 1384	4640 / 1825 / 1384
Wheelbase	mm	2810	2810
Track, front / rear	mm	1544 / 1593	1544 / 1593
Ground clearance	mm	130	130
Turning circle	m	11.3	11.3
Fuel tank capacity	approx. l	60	60
Engine oil ¹⁾	l	5.25	5.25
Weight, unladen, to DINEU	kg	1700 / 1775 (1715 / 1790)	1710 / 1785 (1735 / 1810)
Max load to DIN	kg	470	460
Max permissible weight	kg	2170 (2185)	2170 (2195)
Max axle load, front / rear	kg	960 / 1250	965 / 1255
Max trailer load, braked (12%) / unbraked	kg	1400 (1500) / 695	1600 / 745
Max roofload / max towbar download	kg	– / 75	– / 75
Luggage comp capacity	L	370	370
Air resistance	cd x A	0.30 x 2.16	0.30 x 2.16
Power Unit			
Config/No of cyls/valves		In-line/4/4	In-line/4/4
Engine technology		BMW TwinPower Turbo technology with TwinScroll turbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve control und Double-VANOS variable camshaft timing	
Effective capacity	cc	1998	1998
Stroke / bore	mm	94.6 / 82.0	94.6 / 82.0
Compression ratio	:1	11.0	10.2
Fuel		RON 90 – 98	RON 90 – 98
Recommended fuel		RON 95	RON 95
Max output	kW/hp	135 / 184	185 / 252
at	rpm	5000	5200
Max torque	Nm/lb-ft	290/214 (270/199)	350/258
at	rpm	1350 – 4600	1450 – 4800
Electrical System			
Battery/installation	Ah/–	90 / Luggage compartment	90 / Luggage compartment
Driving Dynamics and Safety			
Suspension, front		Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, traverse force compensation, anti-dive	
Suspension, rear		Five-link axle in lightweight construction	
Brakes, front		Single-piston floating-calliper disc brakes / vented	
Brakes, rear		Single-piston floating-calliper disc brakes / vented	
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant	
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger combined with head airbags, three-point inertia-reel seatbelts on all seats, integrated at the front with belt tensioners and belt force limiter, crash sensors, rollover protection system, tyre pressure indicator	
Steering		Electric Power Steering (EPS) with Servotronic function; optional: Variable Sport Steering	
Steering ratio, overall	:1	15.0	15.0
Tyres, front / rear		225/50 R17 94W	225/50 R17 98W XL
Rims, front / rear		7.5J x 17 LM	7.5J x 17 LM

BMW 420i Convertible			BMW 430i Convertible	
Transmission				
Type of transmission		6-speed manual (optional: 8-speed Steptronic)		
Gear ratios	I	:1	4.002 (5.000)	3.683 (5.000)
	II	:1	2.130 (3.200)	2.062 (3.200)
	III	:1	1.396 (2.143)	1.313 (2.143)
	IV	:1	1.000 (1.720)	1.000 (1.720)
	V	:1	0.781 (1.314)	0.809 (1.314)
	VI	:1	0.668 (1.000)	0.677 (1.000)
	VII	:1	– (0.822)	– (0.822)
	VIII	:1	– (0.640)	– (0.640)
	R	:1	3.647 (3.456)	3.348 (3.456)
Final drive		:1	3.462 (2.813)	3.909 (2.813)
Performance				
Power-to-weight ratio (DIN)	kg/kW		12.6 (12.7)	9.2 (9.4)
Output per litre	kW/l		67.6	92.6
Acceleration 0–100 km/h	s		8.2 (8.4)	6.4 (6.3)
Top speed	km/h		230 (230)	250 (250)
BMW EfficientDynamics				
BMW EfficientDynamics standard features		Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function (automatic transmission), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised-warm-up behaviour, tyres with reduced rolling resistance		
Fuel Consumption EU ²⁾				
With standard wheels and tyres				
urban	l/100 km		8.0 (7.6)	8.6 (7.5)
inter-urban	l/100 km		5.1 (4.8)	5.5 (5.0)
combined	l/100 km		6.2 (5.8)	6.6 (5.9)
CO ₂	g/km		145 (136)	154 (138)
With 8J x 18 wheels and 225/45 R18 tyres / with winter tyres, with 8J x 18 wheels (front), 8.5J x 18 (rear) and 225/45 R18 tyres (front), 255/40 R18 (rear), with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear)				
urban	l/100 km		8.6 (8.1)	9.0 (7.9)
inter-urban	l/100 km		5.5 (5.1)	5.8 (5.3)
combined	l/100 km		6.6 (6.2)	7.0 (6.3)
CO ₂	g/km		153 (144)	162 (146)
Emission rating			EU6	EU6

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Figures in brackets apply to models with automatic transmission

¹⁾ Oil change

²⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format

BMW 4 Series Convertible. 440i.

BMW 440i Convertible		
Body		
No of doors / seats		2 / 4
Length / width / height (unladen)	mm	4640 / 1825 / 1384
Wheelbase	mm	2810
Track, front / rear	mm	1544 / 1593
Ground clearance	mm	130
Turning circle	m	11.3
Fuel tank capacity	approx. l	60
Engine oil ¹⁾	l	6.5
Weight, unladen, to DINEU	kg	1770 / 1845
Max load to DIN	kg	460
Max permissible weight	kg	2230
Max axle load, front / rear	kg	995 / 1255
Max trailer load, braked (12%) / unbraked	kg	1700 / 750
Max roofload / max towbar download	kg	- / 75
Luggage comp capacity	l	370
Air resistance	cd x A	0.30 x 2.16
Power Unit		
Config/No of cyls/valves		R / 6 / 4
Engine technology		BMW TwinPower Turbo technology with TwinScroll turbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve control und Double-VANOS variable camshaft timing
Effective capacity	cc	2998
Stroke / bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		RON 90 – 98
Recommended fuel		RON 95
Max output	kW/hp	240 / 326
at	rpm	5500
Max torque	Nm/lb-ft	450/332
at	rpm	1380 – 5000
Electrical System		
Battery/installation	Ah/–	90 / Luggage compartment
Driving Dynamics and Safety		
Suspension, front		Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, traverse force compensation, anti-dive
Suspension, rear		Five-link axle in lightweight construction
Brakes, front		Single-piston floating-calliper disc brakes / vented
Brakes, rear		Single-piston floating-calliper disc brakes / vented
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger combined with head airbags, three-point inertia-reel seatbelts on all seats, integrated at the front with belt tensioners and belt force limiter, crash sensors, rollover protection system, tyre pressure indicator
Steering		Electric Power Steering (EPS) with Servotronic function; optional: Variable Sport Steering
Steering ratio, overall	:1	15.0
Tyres, front / rear		225/50 R17 98W XL
Rims, front / rear		7.5J x 17 LM

BMW 440i Convertible			
Transmission			
Type of transmission		8-speed Steptronic	
Gear ratios	I	:1	5.000
	II	:1	3.200
	III	:1	2.143
	IV	:1	1.720
	V	:1	1.314
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.456
Final drive		:1	2.813
Performance			
Power-to-weight ratio (DIN)	kg/kW		7.4
Output per litre	kW/l		80.1
Acceleration	0–100 km/h	s	5.4
Top speed	km/h		250
BMW EfficientDynamics			
BMW EfficientDynamics standard features		Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, ECO PRO mode with coasting function, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised-warm-up behaviour, tyres with reduced rolling resistance	
Fuel Consumption EU ²⁾			
With standard wheels and tyres			
urban	l/100 km		9.1
inter-urban	l/100 km		5.5
combined	l/100 km		6.8
CO ₂	g/km		159
With 8J x 18 wheels and 225/45 R18 tyres / with winter tyres, with 8J x 18 wheels (front), 8.5J x 18 (rear) and 225/45 R18 tyres (front), 255/40 R18 (rear), with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear)			
urban	l/100 km		9.5
inter-urban	l/100 km		5.8
combined	l/100 km		7.2
CO ₂	g/km		167
Emission rating			EU6

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¹⁾ Oil change

²⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format

BMW 4 Series Convertible. 420d.

BMW 420d Convertible		
Body		
No of doors / seats		2 / 4
Length / width / height (unladen)	mm	4640 / 1825 / 1384
Wheelbase	mm	2810
Track, front / rear	mm	1544 / 1593
Ground clearance	mm	130
Turning circle	m	11.3
Fuel tank capacity	approx. l	57
Engine oil ¹⁾	l	5.0
Weight, unladen, to DIN/EU	kg	1700 / 1775 (1715 / 1790)
Max load to DIN	kg	470
Max permissible weight	kg	2170 (2185)
Max axle load, front / rear	kg	965 / 1255
Max trailer load, braked (12%) / unbraked	kg	1600 / 745
Max roofload / max towbar	kg	– / 75
Luggage comp capacity	l	370
Air resistance	cd x A	0.28 x 2.16
Power Unit		
Config/No of cyls/valves		In-line/4/4
Engine technology	BMW TwinPower Turbo technology: variable-geometry turbocharger, common-rail direct injection with solenoid valve injectors (max. injection pressure: 2000 bar)	
Effective capacity	cc	1995
Stroke / bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	140 / 190
at	rpm	4000
Max torque	Nm/lb-ft	400/295
at	rpm	1750 – 2500
Electrical System		
Battery/installation	Ah/–	90 / Luggage
Driving Dynamics and Safety		
Suspension, front	Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, traverse force compensation, anti-dive	
Suspension, rear	Five-link axle in lightweight construction	
Brakes, front	Single-piston floating-calliper disc brakes / vented	
Brakes, rear	Single-piston floating-calliper disc brakes / vented	
Driving stability systems	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant	
Safety equipment	Standard: airbags for driver and front passenger, side airbags for driver and front passenger combined with head airbags, three-point inertia-reel seatbelts on all seats, integrated at the front with belt tensioners and belt force limiter, rollover protection system, crash sensors, tyre pressure indicator	
Steering	Electric Power Steering (EPS) with Servotronic function; optional: Variable Sport Steering	
Steering ratio, overall	:1	15.0
Tyres, front / rear		225/50 R17 94W
Rims, front / rear		7.5J x 17 LM

BMW 420d Convertible			
Transmission			
Type of transmission		6-speed manual (optional: 8-speed Steptronic)	
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	3.385 (2.813)
Performance			
Power-to-weight ratio (DIN)	kg/kW		12.1 (12.3)
Output per litre	kW/l		70.2
Acceleration	0–100 km/h	s	8.1 (8.0)
Top speed		km/h	235 (228)
BMW EfficientDynamics			
BMW EfficientDynamics standard features		Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function (automatic transmission), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised-warm-up behaviour, tyres with reduced rolling resistance	
Fuel Consumption EU 2)			
With standard wheels and tyres			
urban	l/100 km		5.7 (5.2)
inter-urban	l/100 km		4.3 (3.9)
combined	l/100 km		4.8 (4.4)
CO ₂	g/km		127 (116)
With 8J x 18 wheels and 225/45 R18 tyres / with winter tyres, with 8J x 18 wheels (front), 8.5J x 18 (rear) and 225/45 R18 tyres (front), 255/40 R18 (rear), with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear)			
urban	l/100 km		6.1 (5.6)
inter-urban	l/100 km		4.5 (4.2)
combined	l/100 km		5.1 (4.7)
CO ₂	g/km		134 (124)
Emission rating			EU6

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

¹⁾ Oil change

²⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format

BMW 4 Series Gran Coupe. 420i, 430i.

BMW 420i Gran Coupe		BMW 430i Gran Coupe
Body		
No of doors / seats	4 / 5	4 / 5
Length / width / height (unladen)	mm 4640 / 1825 / 1389	4640 / 1825 / 1389
Wheelbase	mm 2810	2810
Track, front / rear	mm 1545 / 1592	1545 / 1592
Ground clearance	mm 130	130
Turning circle	m 11.3	11.3
Fuel tank capacity	approx. l 60	60
Engine oil ¹⁾	l 5.25	5.25
Weight, unladen, to DINEU	kg 1520 / 1595 (1540 / 1615)	1520 / 1595 (1540 / 1615)
Max load to DIN	kg 560	560
Max permissible weight	kg 2080 (2100)	2080 (2100)
Max axle load, front / rear	kg 945 / 1210	955 / 1215
Max trailer load, braked (12%) / unbraked	kg 1400 (1500) / 695	1600 / 745
Max roofload / max towbar download	kg 75 / 75	75 / 75
Luggage comp capacity	l 480 – 1300	480 – 1300
Air resistance	cd x A 0.29 x 2.16	0.29 x 2.16
Power Unit		
Config/No of cyls/valves	In-line/4/4	In-line/4/4
Engine technology	BMW TwinPower Turbo technology with TwinScroll turbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve control und Double-VANOS variable camshaft timing	
Effective capacity	cc 1998	1998
Stroke / bore	mm 94.6 / 82.0	94.6 / 82.0
Compression ratio	:1 11.0	10.2
Fuel	RON 90 – 98	RON 90 – 98
Recommended fuel	RON 95	RON 95
Max output	kW/hp 135 / 184	185 / 252
at	rpm 5000	5200
Max torque	Nm/lb-ft 290/214 (270/199)	350/258
at	rpm 1350 – 4600	1450 – 4800
Electrical System		
Battery/installation	Ah/– 90 / Luggage compartment	90 / Luggage compartment
Driving Dynamics and Safety		
Suspension, front	Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, traverse force compensation, anti-dive	
Suspension, rear	Five-link axle in lightweight construction	
Brakes, front	Single-piston floating-calliper disc brakes / vented	
Brakes, rear	Single-piston floating-calliper disc brakes / vented	
Driving stability systems	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), 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 1st and 2nd seat row, three-point inertia-reel belts on all seats, integrated at the front with belt tensioners and belt force limiter, crash sensors, tyre pressure indicator	
Steering	Electric Power Steering (EPS) with Servotronic function; optional: Variable Sport Steering	
Steering ratio, overall	:1 15.0	15.0
Tyres, front / rear	225/50 R17 94W	225/50 R17 94W
Rims, front / rear	7.5J x 17 LM	7.5J x 17 LM

BMW 420i Gran Coupe			BMW 430i Gran Coupe	
Transmission				
Type of transmission		6-speed manual (optional: 8-speed Steptronic)		
Gear ratios	I	:1	4.002 (5.000)	3.683 (5.000)
	II	:1	2.130 (3.200)	2.062 (3.200)
	III	:1	1.396 (2.143)	1.313 (2.143)
	IV	:1	1.000 (1.720)	1.000 (1.720)
	V	:1	0.781 (1.314)	0.809 (1.314)
	VI	:1	0.668 (1.000)	0.677 (1.000)
	VII	:1	– (0.822)	– (0.822)
	VIII	:1	– (0.640)	– (0.640)
	R	:1	3.647 (3.456)	3.348 (3.456)
Final drive		:1	3.385 (2.813)	3.909 (2.813)
Performance				
Power-to-weight ratio (DIN)	kg/kW		11.3 (11.4)	8.2 (8.3)
Output per litre	kW/l		67.6	92.6
Acceleration 0–100 km/h	s		7.5 (7.7)	5.9 (5.9)
Top speed	km/h		236 (236)	250 (250)
BMW EfficientDynamics				
BMW EfficientDynamics standard features		Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function (automatic transmission), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised-warm-up behaviour, tyres with reduced rolling resistance		
Fuel Consumption EU ²⁾				
With standard wheels and tyres				
urban	l/100 km		7.7 (7.1)	7.9 (7.0)
inter-urban	l/100 km		4.7 (4.5)	5.1 (4.7)
combined	l/100 km		5.8 (5.5)	6.1 (5.5)
CO ₂	g/km		134 (127)	143 (129)
With 8J x 18 wheels and 225/45 R18 tyres / with winter tyres, with 8J x 18 wheels (front), 8.5J x 18 (rear) and 225/45 R18 tyres (front), 255/40 R18 (rear), with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear)				
urban	l/100 km		8.1 (7.6)	8.4 (7.4)
inter-urban	l/100 km		4.9 (4.7)	5.4 (4.9)
combined	l/100 km		6.1 (5.8)	6.5 (5.8)
CO ₂	g/km		141 (134)	151 (136)
Emission rating			EU6	EU6

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

¹⁾ Oil change

²⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format

BMW 4 Series Gran Coupe. 440i.

BMW 440i Gran Coupe		
Body		
No of doors / seats		4 / 5
Length / width / height (unladen)	mm	4640 / 1825 / 1389
Wheelbase	mm	2810
Track, front / rear	mm	1545 / 1592
Ground clearance	mm	130
Turning circle	m	11.3
Fuel tank capacity	approx. l	60
Engine oil ¹⁾	l	6.5
Weight, unladen, to DINEU	kg	1615 / 1690
Max load to DIN	kg	560
Max permissible weight	kg	2175
Max axle load, front / rear	kg	1000 / 1230
Max trailer load, braked (12%) / unbraked	kg	1700 / 750
Max roofload / max towbar download	kg	75 / 75
Luggage comp capacity	l	480 – 1300
Air resistance	cd x A	0.29 x 2.16
Power Unit		
Config/No of cyls/valves		R / 6 / 4
Engine technology		BMW TwinPower Turbo technology with TwinScroll turbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve control und Double-VANOS variable camshaft timing
Effective capacity	cc	2998
Stroke / bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		RON 90 – 98
Recommended fuel		RON 95
Max output	kW/hp	240 / 326
at	rpm	5500
Max torque	Nm/lb-ft	450/332
at	rpm	1380 – 5000
Electrical System		
Battery/installation	Ah/–	90 / Luggage compartment
Driving Dynamics and Safety		
Suspension, front		Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, traverse force compensation, anti-dive
Suspension, rear		Five-link axle in lightweight construction
Brakes, front		Single-piston floating-calliper disc brakes / vented
Brakes, rear		Single-piston floating-calliper disc brakes / vented
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), 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 1st and 2nd seat row, three-point inertia-reel belts on all seats, integrated at the front with belt tensioners and belt force limiter, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS) with Servotronic function; optional: Variable Sport Steering
Steering ratio, overall	:1	15.0
Tyres, front / rear		225/50 R17 94W
Rims, front / rear		7.5J x 17 LM

BMW 440i Gran Coupe			
Transmission			
Type of transmission		8-speed Steptronic	
Gear ratios	I	:1	5.000
	II	:1	3.200
	III	:1	2.143
	IV	:1	1.720
	V	:1	1.314
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.456
Final drive		:1	2.813
Performance			
Power-to-weight ratio (DIN)	kg/kW		6.7
Output per litre	kW/l		80.1
Acceleration	0–100 km/h	s	5.1
Top speed		km/h	250
BMW EfficientDynamics			
BMW EfficientDynamics standard features		Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, ECO PRO mode with coasting function, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised-warm-up behaviour, tyres with reduced rolling resistance	
Fuel Consumption EU ²⁾			
With standard wheels and tyres			
urban	l/100 km		8.8
inter-urban	l/100 km		5.3
combined	l/100 km		6.6
CO ₂	g/km		154
With 8J x 18 wheels and 225/45 R18 tyres / with winter tyres, with 8J x 18 wheels (front), 8.5J x 18 (rear) and 225/45 R18 tyres (front), 255/40 R18 (rear), with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear)			
urban	l/100 km		9.1
inter-urban	l/100 km		5.5
combined	l/100 km		6.8
CO ₂	g/km		159
Emission rating			EU6

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

¹⁾ Oil change

²⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format

BMW 4 Series Gran Coupe. 420d.

BMW 420d Gran Coupe		
Body		
No of doors / seats		4 / 5
Length / width / height (unladen)	mm	4640 / 1825 / 1389
Wheelbase	mm	2810
Track, front / rear	mm	1545 / 1592
Ground clearance	mm	130
Turning circle	m	11.3
Fuel tank capacity	approx. l	57
Engine oil ¹⁾	l	5.0
Weight, unladen, to DINEU	kg	1520 / 1595 (1540 / 1615)
Max load to DIN	kg	560
Max permissible weight	kg	2080 (2100)
Max axle load, front / rear	kg	945 / 1215
Max trailer load, braked (12%) / unbraked	kg	1600 / 745
Max roofload / max towbar download	kg	75 / 75
Luggage comp capacity	l	480 – 1300
Air resistance	cd x A	0.28 x 2.16
Power Unit		
Config/No of cyls/valves		In-line/4/4
Engine technology	BMW TwinPower Turbo technology: variable-geometry turbocharger, common-rail direct injection with solenoid valve injectors, max. injection pressure: 2000 bar	
Effective capacity	cc	1995
Stroke / bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	140 / 190
at	rpm	4000
Max torque	Nm/lb-ft	400/295
at	rpm	1750 – 2500
Electrical System		
Battery/installation	Ah/–	90 / Luggage compartment
Driving Dynamics and Safety		
Suspension, front	Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, traverse force compensation, anti-dive	
Suspension, rear	Five-link axle in lightweight construction	
Brakes, front	Single-piston floating-calliper disc brakes / vented	
Brakes, rear	Single-piston floating-calliper disc brakes / vented	
Driving stability systems	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), 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 1st and 2nd seat row, three-point inertia-reel belts on all seats, integrated at the front with belt tensioners and belt force limiter, crash sensors, tyre pressure indicator	
Steering	Electric Power Steering (EPS) with Servotronic function, optional: Variable Sport Steering	
Steering ratio, overall	:1	15.0
Tyres, front / rear		225/50 R17 94W
Rims, front / rear		7.5J x 17 LM

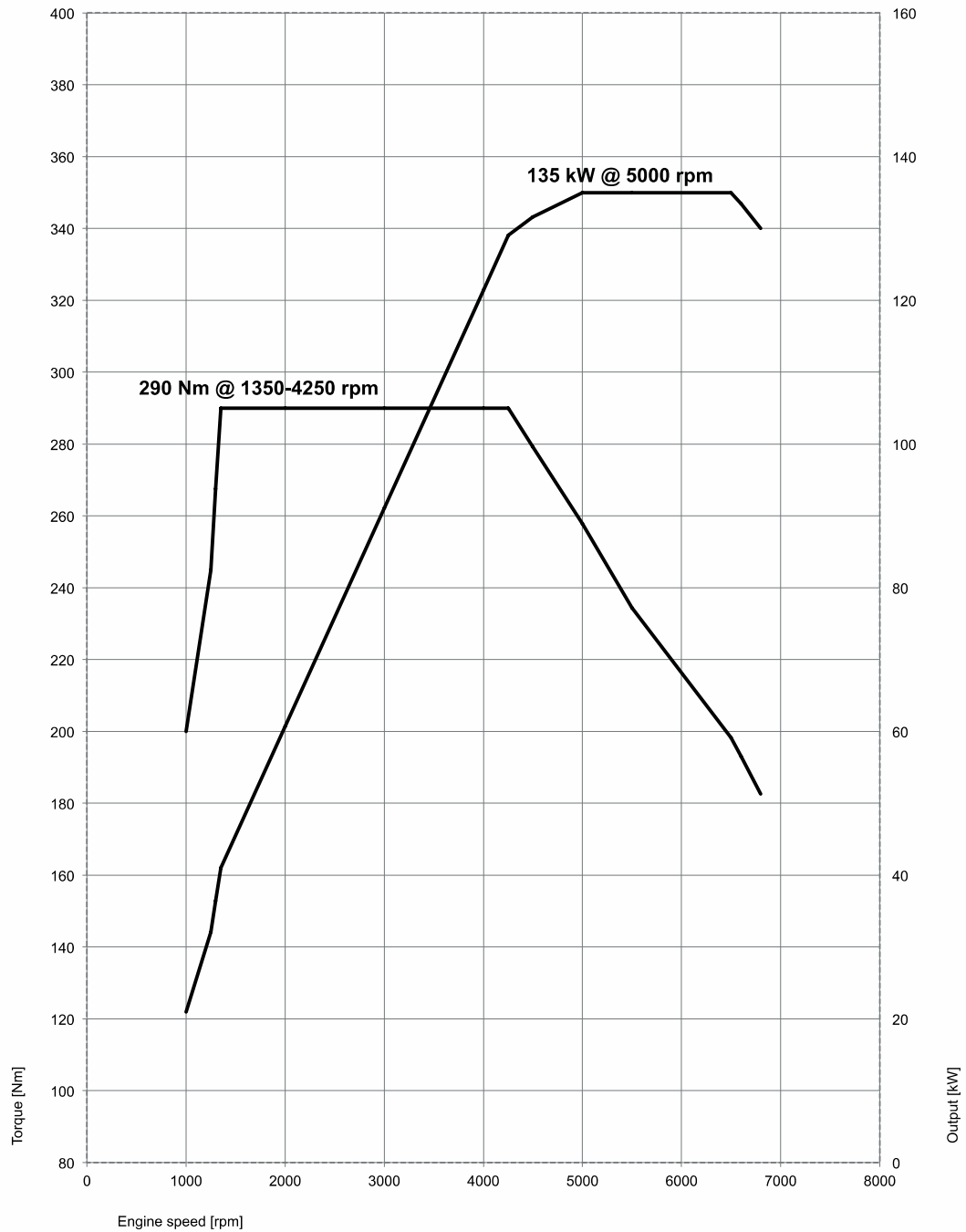
BMW 420d Gran Coupe			
Transmission			
Type of transmission		6-speed manual (8-speed Steptronic)	
Gear ratios	I	:1	4.110 (5.000)
	II	:1	2.248 (3.200)
	III	:1	1.403 (2.143)
	IV	:1	1.000 (1.720)
	V	:1	0.802 (1.314)
	VI	:1	0.659 (1.000)
	VII	:1	– (0.822)
	VIII	:1	– (0.640)
	R	:1	3.727 (3.456)
Final drive		:1	3.154 (2.813)
Performance			
Power-to-weight ratio (DIN)	kg/kW		10.9 (11.0)
Output per litre	kW/l		70.2
Acceleration 0–100 km/h	s		7.5 (7.3)
Top speed	km/h		240 (231)
BMW EfficientDynamics			
BMW EfficientDynamics standard features		Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function (automatic transmission), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance	
Fuel Consumption EU ²⁾			
With standard wheels and tyres			
urban	l/100 km		5.1 (4.7)
inter-urban	l/100 km		3.7 (3.6)
combined	l/100 km		4.2 (4.0)
CO ₂	g/km		111 (106)
With 8J x 18 wheels and 225/45 R18 tyres / with winter tyres, with 8J x 18 wheels (front), 8.5J x 18 (rear) and 225/45 R18 tyres (front), 255/40 R18 (rear), with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear)			
urban	l/100 km		5.5 (5.1)
inter-urban	l/100 km		3.9 (3.9)
combined	l/100 km		4.5 (4.3)
CO ₂	g/km		119 (114)
Emission rating			EU6

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

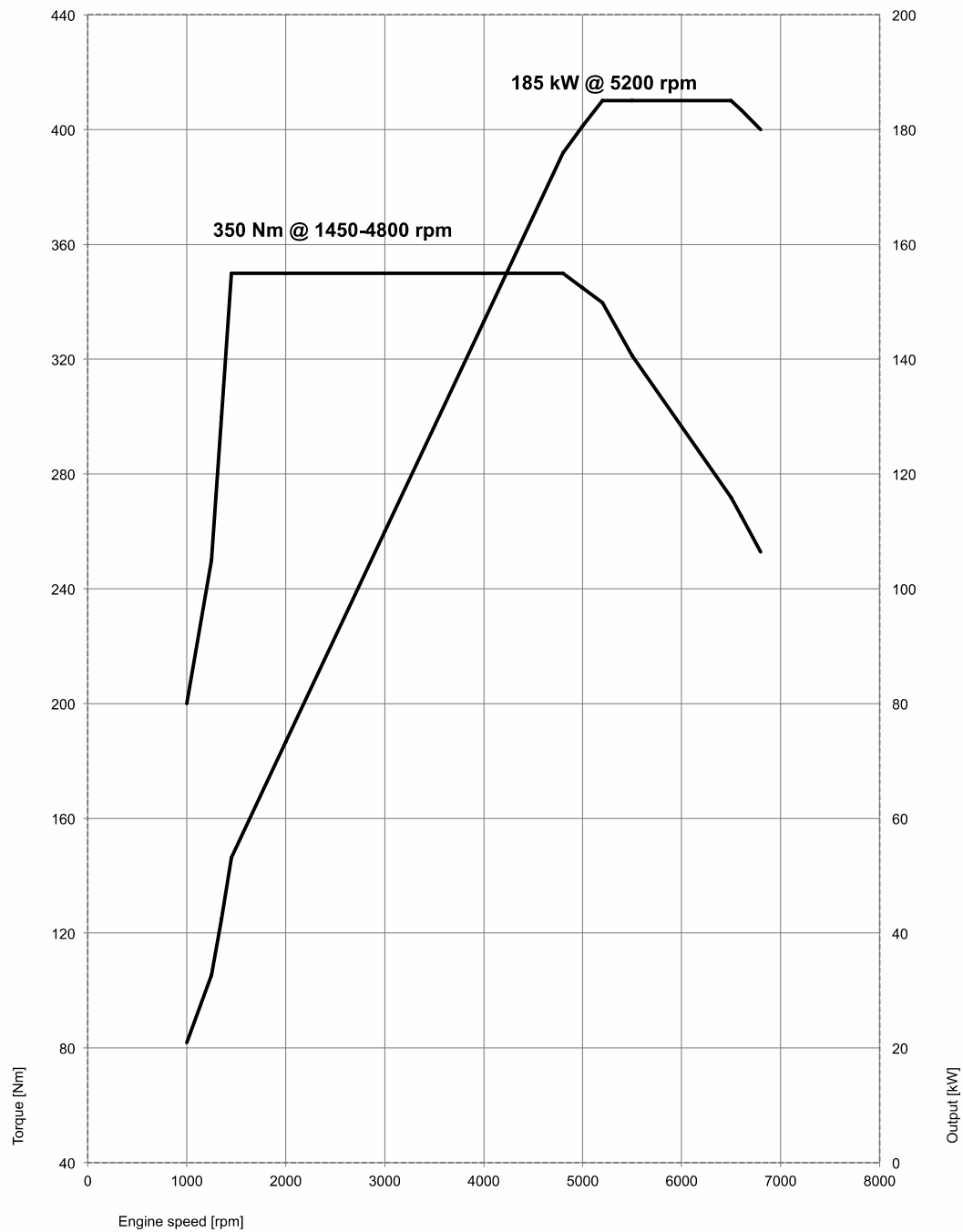
¹⁾ Oil change

²⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format

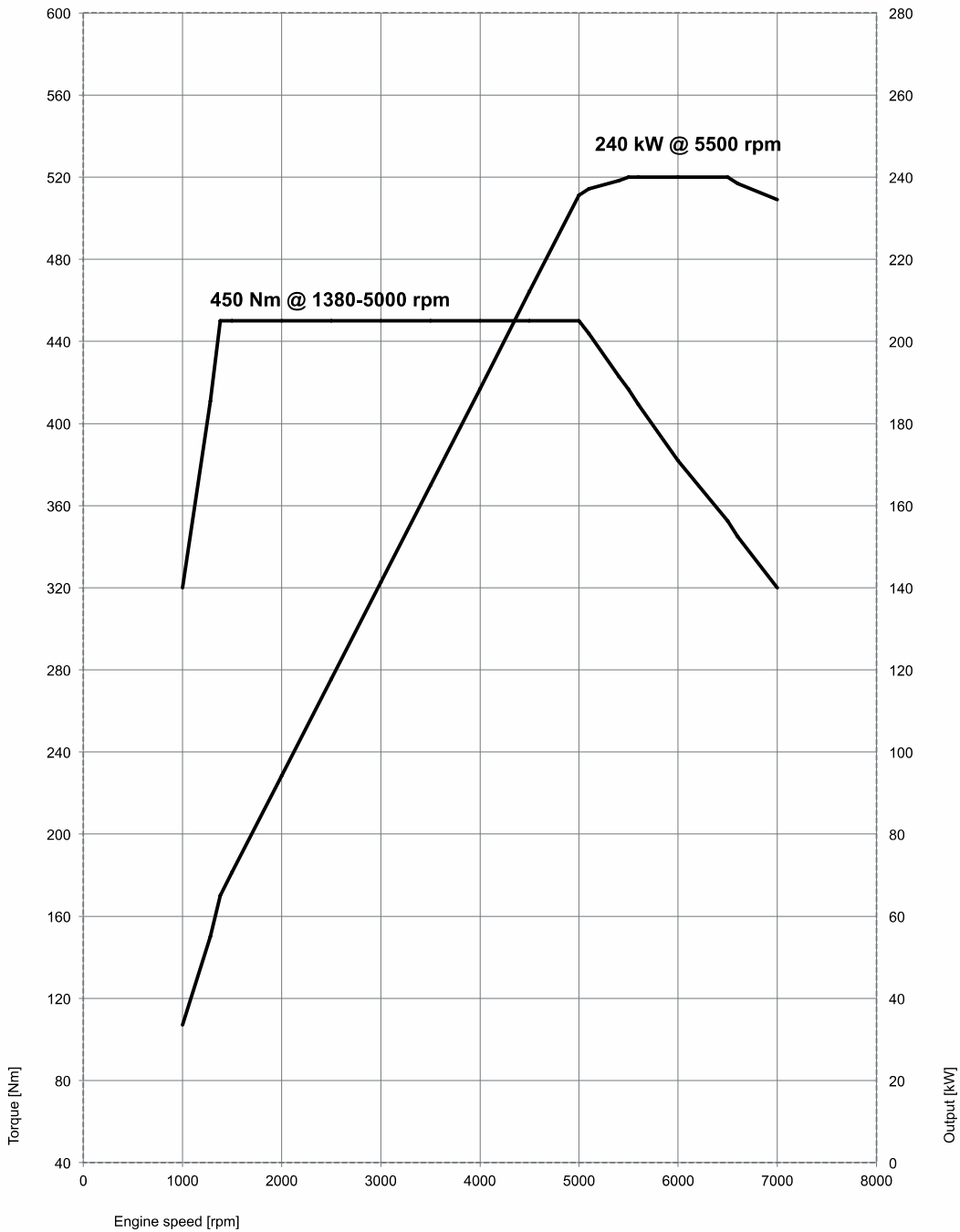
Output and torque diagrams. BMW 420i.



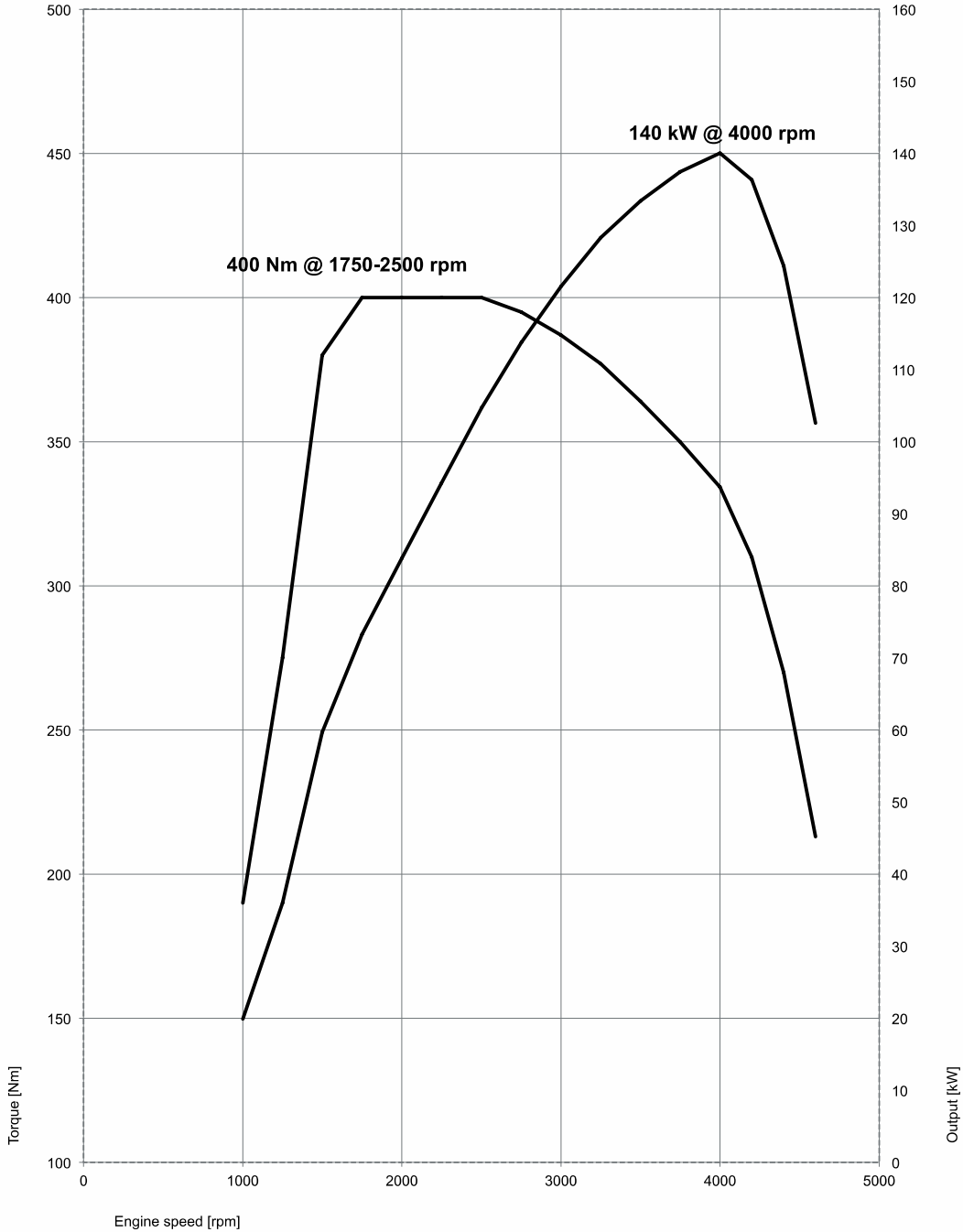
BMW 430i.



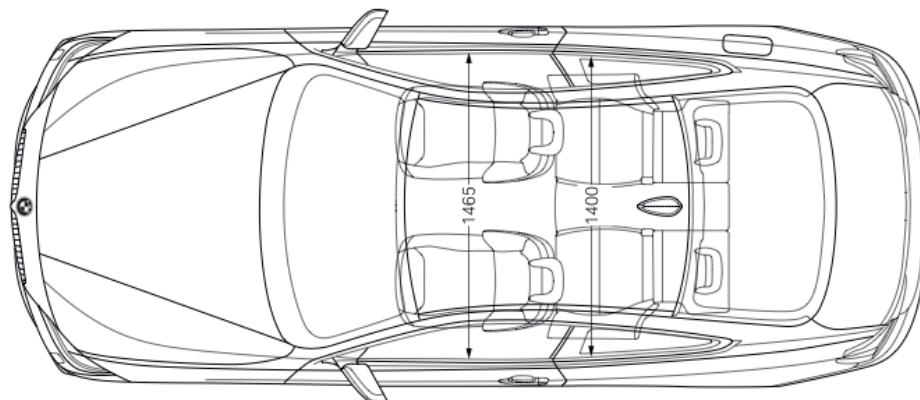
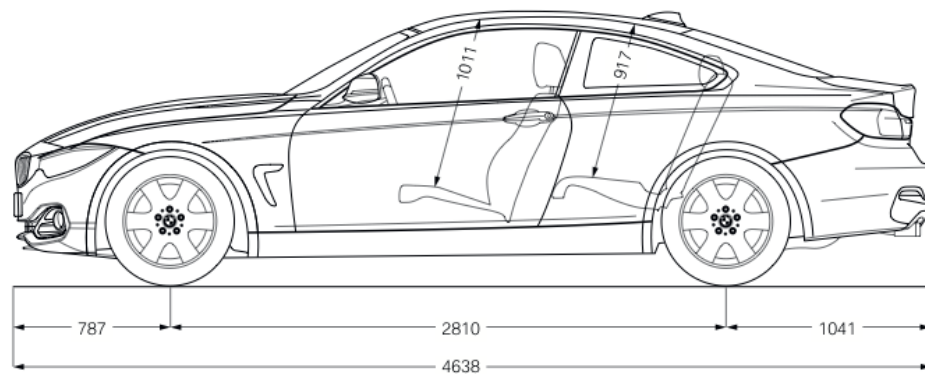
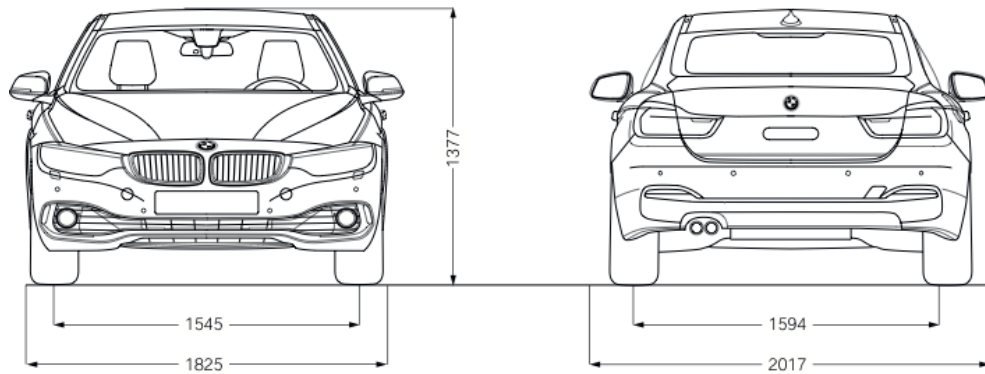
BMW 440i.



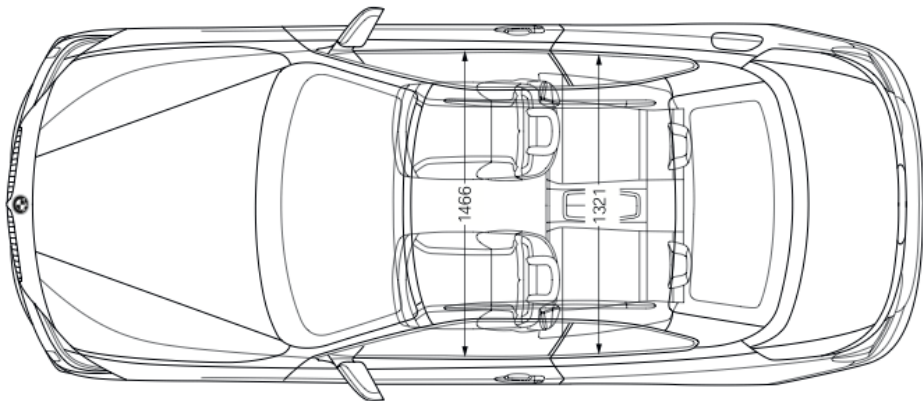
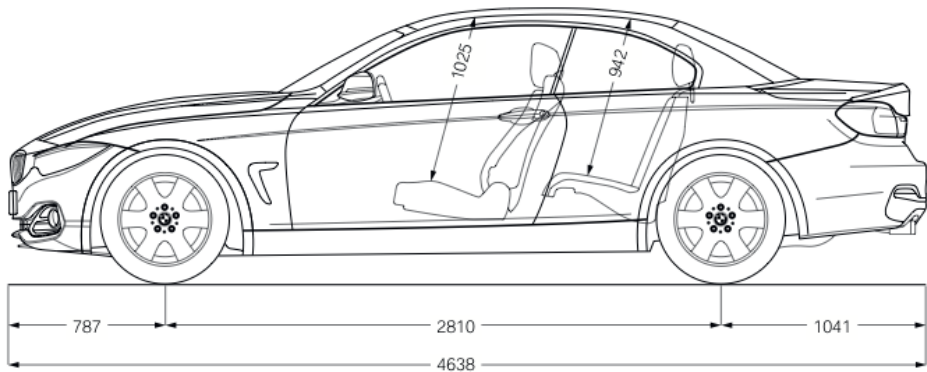
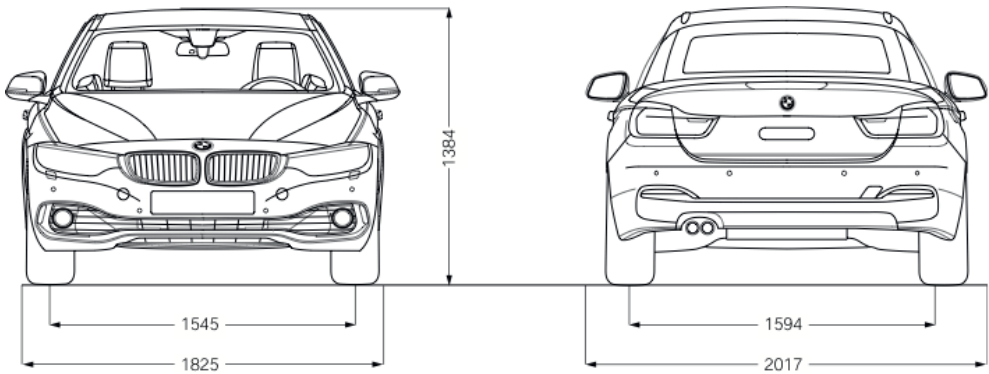
BMW 420d.



Exterior and interior dimensions. BMW 4 Series Coupe.



BMW 4 Series Convertible.



BMW 4 Series Gran Coupe.

