BMW Media Information

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Technical specifications. The new BMW 4 Series Coupé. 420i.



		BMW 420i Coupé
Dark.		
Body No of doors/seats		2/4
Length/width/height 1) (unladen)	mm	4768 / 1852 / 1383
Wheelbase	mm	2851
Track, front/rear	mm	1575 / 1611
Ground clearance	mm	127
Turning circle	m	11.4
Fuel tank capacity	approx. I	59
Engine oil 2)	прргод 1	5.25
Weight, unladen, to DIN/EU	kg	1525 / 1600
Max load to DIN	kg	490
Max permissible weight	kg	2015
Max axle load, front/rear	kg	970 / 1120
Max trailer load	kg	
braked (12%)/unbraked	9	1600 / 750
Max roofload/max towbar	kg	75/75
download	· ·	
Luggage comp capacity	ı	440
Air resistance	c _d x A	0.25 x 2.19
Danier Hait		
Power Unit Config/No of cyls/valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: TwinScroll turbocharger, High
Lingine technology		Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
Effective capacity	CC	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min. RON 91
Max output	kW/hp	135 / 184
at	rpm	5000 – 6500
Max torque	Nm	300
<u>at</u>	rpm	1350 – 4000
Electrical System		
Battery/installation	Ah/-	80 / luggage compartment
		55 5
Driving Dynamics and Safety		
Suspension, front		Double-joint spring strut axle in lightweight aluminium-steel construction,
		hydraulically damped torque strut bearing
Suspension, rear		Five-link axle in lightweight aluminium-steel construction
Brakes, front		Vented disc brakes, with single-piston floating callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC
		(Cornering Brake Control), DBC (Dynamic Brake Control), Performance
		Control, Dry Braking function, Fading Compensation, Start-Off Assistant;
Cofet consistence		optional: Adaptive M suspension
Safety equipment	£	Standard: airbags for driver and front passenger, side airbags for driver and ront passenger, head airbags front and rear, three-point inertia-reel seatbelts
	- 11	on all seats with belt tensioner and belt force limiter at the front, crash
		sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS)
Ottooning		with Servotronic function, optional: variable sport steering
Steering ratio, overall	:1	14.1
Tyres, front/rear		225/50 R17 98Y XL
Rims, front/rear		7.5J x 17 light-alloy
-,		

			BMW 420i Coupé
Transmission Type of transm	-		Eight-speed Steptronic transmission
Gear ratios	11551011	:1	5.250
Gearratios	<u> </u>	:1	3.360
	<u> </u>	:1	2.172

	IV.	:1	1.720
	V	:1	1.136
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.712
Final drive		:1	2.813
Performance			
Power-to-weig	ht ratio (DIN)	kg/kW	10.9 (11.1)
Output per litre)	kW/l	67.6
Acceleration	0-100 km/h	S	7.5
Top speed		km/h	240
BMW Efficien	ntDynamics		
BMW Efficientl	Dynamics standar	d	Brake Energy Regeneration with recuperation display, Electric Power
features	•		Steering, Auto Start Stop function, Optimum Shift Indicator, ECO PRO and
			COMFORT mode with coasting function, Proactive Driving Assistant, BMW
			EfficientLightweight, optimised aerodynamic attributes, active air flap control,
			on-demand operation of ancillary units, map-regulated oil pump, differential
			with optimised warm-up behaviour, tyres with reduced rolling resistance
Fuel Consum	ntion ECE		
Urban		I/100 km	7.2 – 6.6
Extra-urban		I/100 km	5.0 – 4.6
Combined		I/100 km	5.8 – 5.3
CO ₂		g/km	132 – 122
Emission ratino	<u> </u>		Euro 6d

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

The fuel consumption, CO₂ emissions and electric power consumption figures were determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

The values are based on the new WLTP test cycle and are translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO₂ emissions, the CO₂ values may differ from the values stated here (depending on national legislation).

¹⁾ Height including roof fin 2) Oil change

The new BMW 4 Series Coupé. 430i.

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		BMW 430i Coupé
		Divivi 4001 Ocupe
Body		
No of doors/seats		2/4
Length/width/height 1) (unladen)	mm	4768 / 1852 / 1383
Wheelbase	mm	2851
Track, front/rear	mm	1575 / 1611
Ground clearance	mm	127
Turning circle	m	11.4
Fuel tank capacity	approx. I	59
Engine oil 2)		5.25
Weight, unladen, to DIN/EU	kg	1545 / 1620
Max load to DIN	kg	485
Max permissible weight	kg	2030
Max axle load, front/rear	kg	980 / 1120
Max trailer load	kg	30071720
braked (12%)/unbraked	ng.	1600 / 750
Max roofload/max towbar	kg	75/75
download	ı.g	70770
Luggage comp capacity		440
Air resistance	Cd X A	0.25 x 2.19
All Tesistance	Oux	0.23 X 2.13
Power Unit		
Config/No of cyls/valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: TwinScroll turbocharger, High
Engine teermology		Precision Injection, VALVETRONIC fully variable valve timing,
		Double-VANOS variable camshaft timing
Effective capacity	CC	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	10.2
Fuel		min. RON 91
Max output	kW/hp	190 / 258
at		5000 – 6500
	rpm	
Max torque	Nm	400 1550 – 4400
<u>at</u>	rpm	1550 – 4400
Electrical System		
Battery/installation	Ah/-	90 / luggaga comportment
Dattery/iristaliation	AII/-	80 / luggage compartment
Driving Dynamics and Safety		
Suspension, front		Double-joint spring strut axle in lightweight aluminium-steel construction,
ouspension, none		hydraulically damped torque strut bearing
Suspension, rear		Five-link axle in lightweight aluminium-steel construction
Brakes, front		Vented disc brakes, with single-piston floating callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers Vented disc brakes, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC
Driving stability systems		· · · · · · · · · · · · · · · · · · ·
		(Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant;
		optional: Adaptive M suspension, M Sport differential
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
Carety equipment		ont passenger, head airbags front and rear, three-point inertia-reel seatbelts
	11	on all seats with belt tensioner and belt force limiter at the front, crash
		sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS)
Oteening		with Servotronic function, optional: variable sport steering
Stooring ratio, overall	.1	with Servotronic function, optional: variable sport steering 14.1
Steering ratio, overall	:1	225/50 R17 98Y XL
Tyres, front/rear		
Rims, front/rear		7.5J x 17 light-alloy

			BMW 430i Coupé
Transmission			
Type of transmiss	sion		Eight-speed Steptronic transmission
Gear ratios	1	:1	5.250
	II	:1	3.360
	III	:1	2.172
	IV	:1	1.720
	V	:1	1.136
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.712
Final drive		:1	2.813
Performance			
Power-to-weight	ratio (DIN)	kg/kW	8.1
Output per litre		kW/l	95.1
Acceleration	0-100 km/h	S	5.8
Top speed		km/h	250
BMW EfficientD	ynamics		
BMW EfficientDy	namics standard		Brake Energy Regeneration with recuperation display, Electric Power
features			Steering, Auto Start Stop function, Optimum Shift Indicator, ECO PRO and
			COMFORT mode with coasting function, Proactive Driving Assistant, BMW
			EfficientLightweight, optimised aerodynamic attributes, active air flap control,
			on-demand operation of ancillary units, map-regulated oil pump, differential
			with optimised warm-up behaviour, tyres with reduced rolling resistance
Fuel Consumpt	ion FCF		
Urban	ion LOL	I/100 km	7.7 – 7.3
Extra-urban		I/100 km	5.3 – 4.8
Combined		I/100 km	6.1 – 5.7
CO ₂		g/km	141 – 131
Emission rating			Euro 6d

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

The fuel consumption, CO₂ emissions and electric power consumption figures were determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

The values are based on the new WLTP test cycle and are translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO₂ emissions, the CO₂ values may differ from the values stated here (depending on national legislation).

¹⁾ Height including roof fin ²⁾ Oil change

The new BMW 4 Series Coupé. M440i xDrive.

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		BMW M440i xDrive Coupé
Body		2/4
No of doors/seats		2 / 4 4770 / 1852 / 1393
Length/width/height 1) (unladen) Wheelbase	mm	
	mm	2851
Track, front/rear	mm	1575 / 1611
Ground clearance	mm	129
Turning circle	m	12.0
Fuel tank capacity	approx. I	59
Engine oil 2)		6.5
Weight, unladen, to DIN/EU	kg	1740 / 1815
Max load to DIN	kg	505
Max permissible weight	kg_	2245
Max axle load, front/rear	kg	1110 / 1190
Max trailer load	kg	
braked (12%)/unbraked		1800 / 750
Max roofload/max towbar	kg	75 / 75
download		
Luggage comp capacity	<u> </u>	440
Air resistance	c _d x A	0.29 x 2.19
Power Unit		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: TwinScroll turbocharger, High
3		Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
Effective capacity	CC	2998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	10.2
Fuel		min. RON 91
Max output	kW/hp	275/374
at	rpm	5500 – 6500
Max torque	Nm	500
at	rpm	1900 – 5000
48V mild hybrid technology	тріті	1300 0000
Max output	kW/hp	8/11
Trial Galpat	титьр	3711
Electrical System		
12V battery/installation	Ah/-	80 / luggage compartment
48V battery/installation	Ah/-	11 / engine compartment
		- 3
Driving Dynamics and Safety	,	
Suspension, front		Double-joint spring strut axle in lightweight aluminium-steel construction,
		hydraulically damped torque strut bearing
Suspension, rear		Five-link axle in lightweight aluminium-steel construction
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC
		(Cornering Brake Control), DBC (Dynamic Brake Control), Performance
	(Control, Dry Braking function, Fading Compensation, Start-Off Assistant, all-
		wheel-drive system xDrive linked with DSC, M Sport differential; optional:
		Adaptive M suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
	fı	ont passenger, head airbags front and rear, three-point inertia-reel seatbelt
		on all seats with belt tensioner and belt force limiter at the front, crash
0		sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS)
		variable sport steering with Servotronic function
Steering ratio, overall	:1	13.6
Tyres, front/rear		225/45 R18 95Y XL
		255/40 R18 99Y XL
Rims, front/rear		7.5J x 18 light-alloy/
		8.5J x 18 light-alloy

			BMW M440i xDrive Coupé
T			
Transmission Type of transm			Eight-speed Steptronic transmission
	1331011	1	<u> </u>
Gear ratios		:1	5.250
		:1	3.360
	III	:1	2.172
	IV	:1	1.720
	V	:1	1.136
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.712
Final drive		:1	2.813
Performance			
Power-to-weigl	ht ratio (DIN)	kg/kW	6.3
Output per litre		kW/I	91.7
Acceleration	0-100 km/h	S	4.5
Top speed		km/h	250

BMW EfficientDynamics

BMW EfficientDynamics standard features

Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised allwheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance

Fuel Consumption E	CE		
Urban	l/100 km	9.0 – 8.6	
Extra-urban	l/100 km	6.0 – 5.7	
Combined	l/100 km	7.1 – 6.8	
CO ₂	g/km	161 – 155	
Emission rating		Euro 6d	

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¹⁾ Height including roof fin 2) Oil change

The new BMW 4 Series Coupé. 420d.

		BMW 420d Coupé
		Diiiii 1200 Ooupe
Body		
No of doors/seats		2/4
Length/width/height 1) (unladen)	mm	4768 / 1852 / 1383
Wheelbase	mm	2851
Track, front/rear	mm	1575 / 1611
Ground clearance	mm	127
Turning circle	m	11.4
Fuel tank capacity	approx. I	59
Engine oil 2)	1	5.5
Weight, unladen, to DIN/EU	kg	1605 / 1680
Max load to DIN	kg	490
Max permissible weight	kg	2095
Max axle load, front/rear	kg	1020 / 1160
Max trailer load	kg	
braked (12%)/unbraked		1600 / 750
Max roofload/max towbar	kg	75 / 75
download		
Luggage comp capacity	1	440
Air resistance	c _d x A	0.25 x 2.19
Power Unit		In line / 4 / 4
Config/No of cyls/valves Engine technology		In-line / 4 / 4 BMW TwinPower Turbo technology: multi-stage turbocharging,
Engine technology		common-rail direct injection with solenoid injectors
		(max. injection pressure: 2500 bar)
Effective capacity		1995
Stroke/bore	cc mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	140 / 190
at		4000
Max torque	rpm Nm	400
at	rpm	1750 – 2500
48V mild hybrid technology	Τριτι	1730 – 2300
Max output	kW/hp	8/11
iviax output	жинр	<u> </u>
Electrical System		
12V battery/installation	Ah/-	70 / luggage compartment
48V battery/installation	Ah/–	11 / engine compartment
,	,	
,	7.00	,
Driving Dynamics and Safety		Double injet agging at a trade in light unight all pointing at all aggets ration
Driving Dynamics and Safety		Double-joint spring strut axle in lightweight aluminium-steel construction,
Driving Dynamics and Safety Suspension, front		hydraulically damped torque strut bearing
Driving Dynamics and Safety Suspension, front Suspension, rear		hydraulically damped torque strut bearing Five-link axle in lightweight aluminium-steel construction
Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front		hydraulically damped torque strut bearing Five-link axle in lightweight aluminium-steel construction Vented disc brakes, with single-piston floating callipers
Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear		hydraulically damped torque strut bearing Five-link axle in lightweight aluminium-steel construction Vented disc brakes, with single-piston floating callipers Vented disc brakes, with single-piston floating callipers
Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear		hydraulically damped torque strut bearing Five-link axle in lightweight aluminium-steel construction Vented disc brakes, with single-piston floating callipers Vented disc brakes, with single-piston floating callipers Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC
Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear		hydraulically damped torque strut bearing Five-link axle in lightweight aluminium-steel construction Vented disc brakes, with single-piston floating callipers Vented disc brakes, with single-piston floating callipers Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance
Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear		hydraulically damped torque strut bearing Five-link axle in lightweight aluminium-steel construction Vented disc brakes, with single-piston floating callipers Vented disc brakes, with single-piston floating callipers Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant;
Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems		hydraulically damped torque strut bearing Five-link axle in lightweight aluminium-steel construction Vented disc brakes, with single-piston floating callipers Vented disc brakes, with single-piston floating callipers Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive M suspension
Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems		hydraulically damped torque strut bearing Five-link axle in lightweight aluminium-steel construction Vented disc brakes, with single-piston floating callipers Vented disc brakes, with single-piston floating callipers Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive M suspension Standard: airbags for driver and front passenger, side airbags for driver and
Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems		hydraulically damped torque strut bearing Five-link axle in lightweight aluminium-steel construction Vented disc brakes, with single-piston floating callipers Vented disc brakes, with single-piston floating callipers Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive M suspension Standard: airbags for driver and front passenger, side airbags for driver and ont passenger, head airbags front and rear, three-point inertia-reel seatbelts
Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems		hydraulically damped torque strut bearing Five-link axle in lightweight aluminium-steel construction Vented disc brakes, with single-piston floating callipers Vented disc brakes, with single-piston floating callipers Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive M suspension Standard: airbags for driver and front passenger, side airbags for driver and ont 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
Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems Safety equipment		hydraulically damped torque strut bearing Five-link axle in lightweight aluminium-steel construction Vented disc brakes, with single-piston floating callipers Vented disc brakes, with single-piston floating callipers Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive M suspension Standard: airbags for driver and front passenger, side airbags for driver and ont 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 pressure indicator
Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems Safety equipment		hydraulically damped torque strut bearing Five-link axle in lightweight aluminium-steel construction Vented disc brakes, with single-piston floating callipers Vented disc brakes, with single-piston floating callipers Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive M suspension Standard: airbags for driver and front passenger, side airbags for driver and ont passenger, head airbags front and rear, three-point inertia-reel seatbelt on all seats with belt tensioner and belt force limiter at the front, crash sensors, tyre pressure indicator Electric Power Steering (EPS)
Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems Safety equipment Steering	s fro	hydraulically damped torque strut bearing Five-link axle in lightweight aluminium-steel construction Vented disc brakes, with single-piston floating callipers Vented disc brakes, with single-piston floating callipers Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive M suspension Standard: airbags for driver and front passenger, side airbags for driver and ont 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 pressure indicator Electric Power Steering (EPS) with Servotronic function, optional: variable sport steering
Driving Dynamics and Safety Suspension, front Suspension, rear Brakes, front Brakes, rear Driving stability systems Safety equipment Steering Steering ratio, overall Tyres, front/rear		hydraulically damped torque strut bearing Five-link axle in lightweight aluminium-steel construction Vented disc brakes, with single-piston floating callipers Vented disc brakes, with single-piston floating callipers Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, Fading Compensation, Start-Off Assistant; optional: Adaptive M suspension Standard: airbags for driver and front passenger, side airbags for driver and ont 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 pressure indicator Electric Power Steering (EPS)

			BMW 420d Coupé
Transmission			
Type of transmi			Eight-speed Steptronic transmission
Gear ratios	I	:1	5.250
deal ratios	<u> </u>	:1	3.360
	<u></u>	:1	2.172
	IV	:1	1.720
	V	:1	1.136
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.712
Final drive		:1	2.813
Performance			
Power-to-weigh	nt ratio (DIN)	kg/kW	11.5
Output per litre	,	kW/l	70.2
Acceleration	0-100 km/h	S	7.1
Top speed		km/h	240
BMW Efficien	tDynamics		
	Dynamics standard		Mild hybrid technology with 48V starter-generator, Brake Energy
features	•		Regeneration with recuperation display, Auto Start Stop function, ECO PRO
			and COMFORT mode with coasting function, Proactive Driving Assistant,
			Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight,
			optimised aerodynamic attributes, active air flap control, on-demand
			operation of ancillary units, map-regulated oil pump, differential with
			optimised warm-up behaviour, tyres with reduced rolling resistance,
			BMW Blue Performance technology with SCR catalytic converter
Fuel Consum	ption ECE		
Urban		l/100 km	4.9 – 4.5
Extra-urban		I/100 km	3.9 – 3.6
Combined		I/100 km	4.2 – 3.9
<u>CO₂</u>		g/km	112 – 103
Emission rating			Euro 6d

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¹⁾ Height including roof fin ²⁾ Oil change

The new BMW 4 Series Coupé. 420d xDrive.

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	DMM 420d vDviva Court				
		BMW 420d xDrive Coupé			
Body					
No of doors/seats		2/4			
Length/width/height 1) (unladen)	mm	4768 / 1852 / 1390			
Wheelbase	mm	2851			
Track, front/rear	mm	1575 / 1611			
Ground clearance	mm	126			
Turning circle	m	12.0			
Fuel tank capacity	approx. I	<u>59</u>			
Engine oil 2)	<u> </u>	5.5			
Weight, unladen, to DIN/EU	kg	1670 / 1745			
Max load to DIN	kg	495			
Max permissible weight	kg	2165			
Max axle load, front/rear	kg	1070 / 1170			
Max trailer load	kg	1000 / 750			
braked (12%)/unbraked	l.a				
Max roofload/max towbar download	kg	/5//5			
Luggage comp capacity		440			
Air resistance	C _d x A	0.25 x 2.19			
7 III TOO IO CANDO	OG ATT	OLEO X EL TO			
Power Unit					
Config/No of cyls/valves		In-line / 4 / 4			
Engine technology	BMW TwinPower Turbo technology: multi-stage turbocharging,				
		common-rail direct injection with solenoid injectors			
		(max. injection pressure: 2500 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			
<u>at</u>	rpm	4000			
Max torque	Nm	400			
at	rpm	1750 – 2500			
48V mild hybrid technology	13470	0.144			
Max output	kW/hp	8/11			
Electrical System					
12V battery/installation	Ah/-	70 / luggage compartment			
48V battery/installation	Ah/-	11 / engine compartment			
Driving Dynamics and Safety					
Suspension, front	Double-joint spring strut axle in lightweight aluminium-steel construction,				
	hydraulically damped torque strut bearing				
Suspension, rear	Five-link axle in lightweight aluminium-steel construction				
Brakes, front	Vented disc brakes, with single-piston floating callipers				
Brakes, rear	Vented disc brakes, with single-piston floating callipers				
Driving stability systems	Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC				
		(Cornering Brake Control), DBC (Dynamic Brake Control), Performance			
	Control, Dry Braking function, Fading Compensation, Start-Off Assistant, xDrive all-wheel-drive system linked with DSC;				
	optional: Adaptive M suspension				
Safety equipment	Standard: airbags for driver and front passenger, side airbags for driver and				
Salety equipment	front passenger, head airbags front and rear, three-point inertia-reel seatbelts				
	.,	on all seats with belt tensioner and belt force limiter at the front, crash			
		sensors, tyre pressure indicator			
Steering		Electric Power Steering (EPS)			
		with Servotronic function, optional: variable sport steering			
Steering ratio, overall	:1	14.9			
Tyres, front/rear		225/50 R17 98Y XL			
Rims, front/rear	7.5J x 17 light-alloy				

		BMW 420d xDrive Coupé
Transmission		
Type of transmission		Eight-speed Steptronic transmission
Gear ratios I	:1	5.250
П	:1	3.360
III	:1	2.172
IV	:1	1.720
V	:1	1.136
VI	:1	1.000
VII	:1	0.823
VIII	:1	0.640
R	:1	3.712
Final drive	:1	2.813
Performance		
Power-to-weight ratio (DIN)	kg/kW	11.9
Output per litre	kW/I	70.2
Acceleration 0–100 km/h	S	7.4
Top speed	km/h	238

BMW EfficientDynamics

BMW EfficientDynamics standard features

Mild hybrid technology with 48V starter-generator, Brake Energy
Regeneration with recuperation display, Auto Start Stop function, ECO PRO
and COMFORT mode with coasting function, Proactive Driving Assistant,
Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight,
optimised aerodynamic attributes, active air flap control, on-demand
operation of ancillary units, map-regulated oil pump, efficiency-optimised allwheel drive, differential with optimised warm-up behaviour, tyres with
reduced rolling resistance, BMW Blue Performance technology with SCR
catalytic converter

Fuel Consumption E	CE		
Urban	l/100 km	5.2 – 4.8	
Extra-urban	l/100 km	4.2 – 4.0	
Combined	l/100 km	4.6 – 4.3	
CO ₂	g/km	121 – 112	
Emission rating		Euro 6d	

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

The fuel consumption, CO₂ emissions and electric power consumption figures were determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

The values are based on the new WLTP test cycle and are translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO₂ emissions, the CO₂ values may differ from the values stated here (depending on national legislation).

¹⁾ Height including roof fin

²⁾ Oil change

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Exterioar and interior dimensions. The new BMW 4 Series Coupé.







