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Specifications. BMW 4 Series Coupe. 420i



		BMW 420i Coupe
Body		
No. of doors/seats		214
Length/width/height 1) (unladen)	mm	4638 / 1825 / 1377
Wheelbase	mm	
Front/rear track	mm	
Ground clearance	mm	
Turning circle	m	
	approx. I	60
Cooling and heating system		7.2 (7.5)
reservoir capacity Engine oil capacity ²⁾	· · ·	5.0
Weight, unladen (DIN/EU)	kg	1430 / 1505
		(1450 / 1525)
Payload (DIN)	kg	520
Permitted total weight	kg	1950 (1970)
Permitted axle load, front/rear	kg	910 / 1095
Permitted trailer load (12%)	kg	1400 / 695
braked/unbraked		(1500 / 695)
Permitted roof load/trailer download	kg	75 / 75
Luggage compartment capacity	I	445
Aerodynamic drag	c _c x A	0.29 x 2.16
Engine		
Type/no. of cylinders/valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology with twin-scroll turbocharger, High Precision Injection, VALVETRONIC fully variable valve control and Double-VANOS variable camshaft control
Effective capacity	CC	1997
Stroke/bore	mm	
Compression ratio	:1	11.0
Fuel type		min. RON 91
Output	kW/hp	135 / 184
at rpm	min ⁻¹	5000 - 6250
Torque	Nm	
at rpm	min ⁻¹	1250 – 4500
Electrical		
Battery charge/location	Ah/-	90 / luggage compartment
Alternator current/output	A/W	
Driving Dynamics and Safety		
Front suspension		Aluminium double-joint spring-strut axle with displaced camber, small positive steering roll radius, compensation of lateral forces, anti-dive
Rear suspension		Five-link axle in lightweight steel construction
Front brakes		Single-piston floating-calliper disc brakes, inner-vented
Rear brakes		Single-piston floating-calliper disc brakes, inner-vented
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assist
Safety equipment		Standard: driver and front-seat passenger airbags, driver and front-seat passenger side airbags, front and rear head airbags, three-point automatic seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in front seats, crash sensors, tyre defect indicator
Steering		Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Variable Sport Steering
Overall steering ratio	:1	15.0
Overall steering ratio		
Front/rear tyres		225/50 R17 94V

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Specifications. BMW 4 Series Coupe.

			BMW 420i Coupe
Transmission			
Type of gearbox			6-speed manual (optional: 8-speed automatic with Steptronic)
Gear ratios	1	:1	4.110 (4.714
deal fatios	<u>'</u>	:1	2.315 (3.143
		:1	1.542 (2.106
	IV	:1	1.179 (1667
	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
Differential ratio		:1	3.077 (3.154
Performance			
Weight-to-power (DIN unladen)	ratio kọ	g/kW	10.6 (10.7
Specific power or	utput	kW/l	67.6
Acceleration	0–100 km/h	sec.	7.3 (7.3
	0–1,000 m	sec.	27.6 (28.0
in 4th/5th gear 8	30–120 km/h	sec.	7.4 / 9.0
Max. speed		km/h	236 (236
BMW Efficient	Dynamics		
BMW EfficientDy included as stanc			Brake Energy Regeneration with recuperation display, electric power steering (EPS), Auto Start Stop function, gear shift indicator (manual), ECO PRO mode with coasting function, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance
Fuel consumpt	ion (EU) 3)		
With standard wh	<u> </u>		
Urban	I/100) km	8.4 (8.1
Extra-urban	1/100) km	4.9 (4.8
Total	1/100) km	6.1 (6.0
CO ₂ emissions	(g/km	144 (139
With 8J x 18" rim With 8J x 18" from	is and 225/45 R18 nt rims, 8.5J x 18" r	yres ear rii	
Urban	1/100) km	8.6 (8.2
Extra-urban	1/100) km	5.0 (4.9
Combined) km	6.3 (6.1
CO ₂ emissions		g/km	147 (142
Emissions standa			EU6

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

 $^{^{1)}}$ Height including roof aerial $^{2)}$ Oil change volume $^{3)}$ Fuel consumption and $\rm CO_2$ emissions depend on the selected tyre format

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Specifications. BMW 4 Series Coupe. 420i xDrive



		BMW 420i xDrive Coupe
D. d.		
Body No. of deere/seets		2/-
No. of doors/seats		4638 / 1825 / 139
Length/width/height 1) (unladen) Wheelbase	mm	
Front/rear track	mm	2810 1545 / 1594
Ground clearance	mm	134571392
Turning circle	mm m	11.6
Fuel capacity	approx. I	6(
Cooling and heating system	арргол. Г	7.2 (7.5
reservoir capacity	'	1.2 (1.3
Engine oil capacity ²⁾		4.6
Weight, unladen (DIN/EU)	kg	1520 / 1599 (1530 / 1605
Payload (DIN)	kg	520
Permitted total weight	kg	2040 (2050)
Permitted axle load, front/rear	kg	975 / 1110
Permitted trailer load (12%) braked/unbraked	kg	1700 / 750 (1700 / 750
Permitted roof load/trailer download	kg	75 / 75
Luggage compartment capacity	I	445
Aerodynamic drag	c _c x A	0.30 x 2.16
Engine		
Type/no. of cylinders/valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology with twin-scroll turbocharger, High Precision Injection, VALVETRONIC fully variable valve control and Double-VANOS variable camshaft control
Effective capacity	CC	1997
Stroke/bore	mm	90.1 / 84.0
Compression ratio	:1	11.0
Fuel type		min. RON 9°
Output	kW/hp	135 / 184
at rpm	min ⁻¹	5000 – 6250
Torque	Nm	270
at rpm	min ⁻¹	1250 – 4500
Electrical		
Battery charge/location	Ah/-	90 / luggage compartmen
Alternator current/output	A/W	170 / 2380
Driving Dynamics and Safety		
Front suspension	,	Aluminium double-joint spring-strut axle with displaced camber, small positive steering roll radius, compensation of lateral forces, anti-dive
Rear suspension		Five-link axle in lightweight steel construction
Front brakes		Single-piston floating-calliper disc brakes, inner-vented
Rear brakes		Single-piston floating-calliper disc brakes, inner-vented
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assist, linked to xDrive all-wheel-drive system in Integrated Chassis Management (ICM);
Safety equipment		Standard: driver and front-seat passenger airbags, driver and front-seat passenger side airbags, front and rear head airbags, three-point automatic seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in front seats, crash sensors, tyre defect indicator
Steering		Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Variable Sport Steering
Overall steering ratio	:1	15.2
Front/rear tyres		225/50 R17 94V
Front/rear wheels		7,5J x 17 light-alloy

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Specifications. BMW 4 Series Coupe.

			BMW 420i xDrive Coupe
Transmission			
Type of gearbox			6-speed manual (optional: 8-speed automatic with Steptronic)
Gear ratios	I	:1	4.110 (4.714)
	II	:1	2.315 (3.143)
	III	:1	1.542 (2.106)
	IV	:1	1.179 (1667)
	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)
Differential ratio		:1	3.385 (3.154)
Performance			
Weight-to-power (DIN unladen)	r ratio kg	/kW	11.3 (11.3)
Specific power o	utput l	(W/I	67.6
Acceleration	0–100 km/h	sec.	7.4 (7.5)
	0–1,000 m	sec.	28.0 (28.3
in 4th/5th gear 8	30-120 km/h	sec.	7.3 / 8.7
Max. speed	k	m/h	233 (231)
BMW Efficientl	Dynamics		
BMW EfficientDy included as stand	namics Features dard		Brake Energy Regeneration with recuperation display, electric power steering (EPS), Auto Start Stop function, gear shift indicator (manual), ECO PRO mode with coasting function, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance
Fuel consumpt	ion (EU) 3)		
With standard wh	<u> </u>		
Urban	1/100	km	8.9 (8.6
Extra-urban	1/100	km	5.6 (5.1
Total	1/100	km	6.8 (6.4
CO ₂ emissions		/km	159 (149
With 8J x 18" rin With 8J x 18" fro	ns and 225/45 R18 t ont rims, 8.5J x 18" re	yres a ear rin	
Urban	1/100	km	9.1 (8.8
Extra-urban	1/100		5.7 (5.2
Combined	1/100		7.0 (6.5
CO ₂ emissions		/km	162 (152
Emissions standa		y-13111	EU6
Litilooloi lo Stal lui	ai u		

 $Technical\ data\ valid\ for\ ACEA\ countries/Some\ permitted\ weights\ valid\ only\ for\ Germany\ Figures\ in\ brackets\ are\ for\ vehicles\ with\ automatic\ transmission$

 $^{^{1)}}$ Height including roof aerial $^{2)}$ Oil change volume $^{3)}$ Fuel consumption and $\rm CO_2$ emissions depend on the selected tyre format

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7. Specifications.





		BMW 428i Coupe	BMW 435i Coupe
Body			
No. of doors/seats		2/4	2/4
Length/width/height (unladen)	mm	4638 / 1825 / 1362	4638 / 1825 / 1362
Wheelbase	mm	2810	2810
Track, front/rear	mm	1545 / 1594	1545 / 1594
Ground clearance		130	130
Turning circle	m	11.3	11.3
Tank capacity	approx. ltr	60	60
Cooling system incl. heating	ltr	7.2 (7.5)	6.7 (7.2)
Engine oil ¹⁾	ltr	5.75	6.5
Weight, unladen, to DIN/EU	kg	1450/1525 (1470/1545)	1510/1585 (1525/1600)
Max load to DIN	kg	520	520
Max permissible weight	kg	1970 (1990)	2030 (2045)
Max axle load, front/rear	kg	920/1105	970/1120
Max trailer load,	kg	1600 / 745	1700 / 750
braked (12%)/unbraked	3		
Max roof load/towbar	kg	75 / 75	75 / 75
Luggage comp. capacity	 Itr	445	445
Air resistance	c _d x A	0.29 x 2.16	0.30 x 2.16
Engine			
Config./No. of cyls./valves		In-line / 4 / 4	In-line / 6 / 4
Engine technology			pay with Twin-Scroll turbocharger, High
Lingine technology			y variable valve control (Valvetronic)
Effective capacity	cm ³	1997	2979
Bore/stroke	mm	90.1 / 84.0	89.6 / 84.0
Compression ratio	:1	10.0	10.2
Fuel grade		Min. RON 91	Min. RON 91
Output	kW/hp	180 / 245	225 / 306
at	rpm	5000-6500	5800-6000
Torque	Nm	350	400
at	rpm	1250-4800	1200-5000
	· · ·		
Electrical System			
Battery/Installation	Ah/–	90 / luggage comp.	90 / luggage comp.
Alternator	A/W	170 / 2380	170 / 2380
Driving Dynamics and Safe	ntv		
		Aluminium double-ioint spring strut	axle with displaced camber, small positive
Suspension, front	,		nsation of lateral forces, anti-dive
Suspension, rear			weight steel construction
Brakes, front		Single-piston swing-calli	per disc brakes / inner-vented
Brakes, rear			per disc brakes / inner-vented
Driving stability systems	S		Dynamic Traction Control), CBC (Cornering
			ke Control), Dry Braking function, Fading
		Compensation	, Start-Off Assistant
Safety equipment			nt passenger, side airbags for driver and
			and rear, three-point inertia-reel seatbelts
			atch tensioner and belt force limiter at the straints at the front, crash sensors,
			fect Indicator
Steering			nd-pinion power steering (EPS)
•			ptional: Variable Sports 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 light alloys	7.5J x 17 light alloys
· · · · · · · · · · · · · · · · · · ·			

			BMW 428i Coupe	BMW 435i Coupe
Transmissio	n n			
Type of gearb	···		Six-speed manual (optional: ei	ght-speed automatic)
Gear ratios	I	:1	3.498 (4.714)	4.110 (4.714
		:1	2.005 (3.143)	2.315 (3.143
	III	:1	1.313 (2.106)	1.542 (2.106
	IV	:1	1.000 (1.667)	1.179 (1.667
	V	:1	0.809 (1.285)	1.000 (1.285
	VI	:1	0.701 (1.000)	0.846 (1.000
	VII	:1	(0.839)	(0.839
	VIII	:1	(0.667)	(0.667
	R	:1	3.187 (3.295)	3.727 (3.295
Final drive		:1	3.909 (3.154)	3.231 (3.154
Performance	e			
Power-to-wei	ght ratio	kg/kW	8.1 (8.2)	6.7 (6.8
Output per litr	re	kW/l	90.1	75.
Acceleration	0–100 km/h	S	5.9 (5.8)	5.4 (5.1
	0–1000 m	S	25.4 (25.6)	24.3 (24.2
in 4th gear	80-120 km/h	S	5.3 / 6.9 (-)	5.0 / 5.9 (-
Top speed		km/h	250 (250)	250 (250
BMW Efficie	entDynamics			
BMW Efficien			Brake Energy Regeneration, Elec	
standard feat	ures		Auto Start Stop function, Optimum Shift	
			gearbox), ECO PRO mode, intelligent ligh operation of ancillary units, map-controlled	
			warm-up behaviour, tyres with	
Fuel Consur	nntion FII ²⁾			
With standard				
Urban	-,, ,,	l/100km	8.8 (8.1)	11.1 (10.2
Extra-urban		I/100km	5.3 (5.2)	6.1 (5.5
Combined		I/100km	6.6 (6.3)	7.9 (7.2
		g/km	154 (147)	185 (169
CO ₂				

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

 $^{^{1)}}$ Oil change $^{2)}$ Fuel consumption and CO_2 emissions depend on the selected tyre format

The new BMW 4 Series Coupe. 428i xDrive, 435i xDrive.

	В	MW 428i xDrive Coupe	BMW 435i xDrive Coupe
Body			
No. of doors/seats		2/4	2/4
Length/width/height (unladen)	mm	4638 / 1825 / 1377	4638 / 1825 / 1377
Wheelbase	mm	2810	2810
Track, front/rear	mm	1544 / 1590	1544 / 1590
Ground clearance		145	145
Turning circle	m	11.8	11.8
Tank capacity	approx. ltr	60	60
Cooling system incl. heating	ltr	7.2 (7.5)	6.7 (7.2)
Engine oil ¹⁾	ltr	5.75	6.5
Weight, unladen, to DIN/EU	kg	1540/1615	1590/1665
Max load to DIN	kg	520	520
Max permissible weight	kg	2080	2110
Max axle load, front/rear	kg	980/1115	1030/1120
Max trailer load, braked (12%)/unbraked	kg	1700 / 750	1800 / 750
Max roof load/towbar download	kg	75 / 75	75 / 75
Luggage comp. capacity	ltr	445	445
Air resistance	c _d x A	0.30 x 2.16	0.30 x 2.16
Engine			
Config./No. of cyls./valves		In-line / 4 / 4	In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology Precision Direct Injection, fully va	with Twin-Scroll turbocharger, High ariable valve control (Valvetronic)
Effective capacity	cm ³	1997	2979
Bore/stroke	mm	90.1 / 84.0	89.6 / 84.0
Compression ratio	:1	10.0	10.2
Fuel grade		Min. RON 91	Min. RON 91
Output	kW/hp	180 / 245	225 / 306
at	rpm	5000-6500	5800-6000
Torque	Nm	350	400
at	rpm	1250-4800	1200-5000
Electrical System			
Battery/Installation	Ah/–	90 / luggage comp.	90 / luggage comp.
Alternator	A/W	170 / 2380	170 / 2380
Driving Dynamics and Safe	ty		
Suspension, front	A	Aluminium double-joint spring strut axl steering roll radius, compensa	e with displaced camber, small positive ation of lateral forces, anti-dive
Suspension, rear		Five-link axle in lightwe	eight steel construction
Brakes, front		Single-piston swing-callipe	r disc brakes / inner-vented
Brakes, rear		Single-piston swing-callipe	r disc brakes / inner-vented
Driving stability systems		Control), CBC (Cornering Brake Cor	incl. ABS and DTC (Dynamic Traction atrol), DBC (Dynamic Brake Control), impensation, Start-Off Assistant
Safety equipment		Standard: airbags for driver and front ront passenger, head airbags front and	passenger, side airbags for driver and d rear, three-point inertia-reel seatbelts ioner and belt force limiter at the front, ts at the front, crash sensors,
Steering		Electromechanical rack-and- with Servotronic function; opti	pinion power steering (EPS)
Steering ratio, overall	:1	15.0	15.0
Tyres, front/rear		225/50 R17 94W	225/50 R17 94W

			BMW 428i xDrive Coupe	BMW 435i xDrive Coupe
Transmission	<u> </u>			
Type of gearbo			Eight-speed	automatic
Gear ratios	<u> </u>	:1	4.714	4.714
	II	:1	3.143	3.143
	III	:1	2.106	2.106
	IV	:1	1.667	1.667
	V	:1	1.285	1.285
	VI	:1	1.000	1.000
	VII	:1	0.839	0.839
	VIII	:1	0.667	0.667
	R	:1	3.295	3.295
Final drive		:1	3.154	3.154
Performance				
Power-to-weigh	ht ratio	kg/kW	8.6	7.1
Output per litre	!	kW/ltr	90.1	75.5
Acceleration	0–100 km/h	S	5.8	4.9
	0–1000 m	S	25.6	24.3
in 4th gear	80-120 km/h	S	-	-
Top speed		km/h	250	250
BMW Efficien	tDynamics			
BMW Efficient	Dynamics,		Brake Energy Regeneration, E	
standard feature	es		Auto Start Stop function, ECO PRO mo	
			on-demand operation of ancillary units	
			with optimised warm-up behaviour,	tyres with reduced roll resistance
Fuel Consump With standard to				
Urban	,	l/100km	8.7	10.8
Extra-urban		l/100km	5.5	5.8
Combined		l/100km	6.7	7.6
CO ₂		g/km	157	178
Emission rating	·		EU6	EU6

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

 $^{^{1)}}$ Oil change $^{2)}$ Fuel consumption and CO_2 emissions depend on the selected tyre format

The new BMW 4 Series Coupe. 420d.

		BMW 420d Coupe
Dadu		
Body No. of doors/seats		2/4
Length/width/height (unladen)	mm	4638 / 1825 / 1362
Wheelbase	mm	2810
Track, front/rear	mm	1545 / 1594
Ground clearance	111111	130
Turning circle	m	11.3
Tank capacity	approx. ltr	57
Cooling system incl. heating	Itr	7.0
Engine oil ¹⁾	ltr	5.2
Weight, unladen, to DIN/EU	kg	1450/1525 (1465/1540)
Max load to DIN	kg	520
Max permissible weight	kg	1970 (1985)
Max axle load, front/rear	kg	925/1100
Max trailer load,	kg	1600 / 745
braked (12%)/unbraked	···9	
Max roof load/towbar	kg	75 / 75
Luggage comp. capacity	ltr	445
Air resistance	c _d x A	0.28 x 2.16
Engine		
Config./No. of cyls./valves		R/4/4
Engine technology	В	MW TwinPower Turbo technology: turbocharger with variable-inlet geometry,
		Common Rail direct injection with solenoid valve injectors, max. injection pressure: 1800 bar
Effective capacity	cm ³	1995
Bore/stroke	mm	84.0 / 90.0
Compression ratio	:1	16.5
Fuel grade		Diesel
Output	kW/hp	135 / 184
at	rpm	4000
Torque	Nm	380
at	rpm	1750 – 2750
Electrical System		
Battery/Installation	Ah/–	90 / luggage comp.
Alternator	A/W	175 / 2450
Driving Dynamics and Safe	ty	
Suspension, front	Д	luminium double-joint spring strut axle with displaced camber, small positive steering roll radius, compensation of lateral forces, anti-dive
Suspension, rear		Five-link axle in lightweight steel construction
Brakes, front		Single-piston swing-calliper disc brakes / inner-vented
Brakes, rear		Single-piston swing-calliper disc brakes / inner-vented
Driving stability systems		andard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant
Safety equipment	fr	Standard: airbags for driver and front passenger, side airbags for driver and cont passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt stopper, belt tensioner and belt force limiter at the front, crash-activated head restraints at the front, crash sensors, Tyre Defect Indicator
Steering		Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Variable Sports Steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		225/50 R17 94W
Rims, front/rear		7.5J x 17 light alloys

			BMW 420d Coupe
Transmission	=		
Type of gearbo	X		Six-speed manual (optional: eight-speed automatic)
Gear ratios	l	:1	4.110 (4.714)
	II	:1	2.248 (3.143)
	III	:1	1.403 (2.106)
	IV	:1	1.000 (1.667)
	V	:1	0.802 (1.285)
	VI	:1	0.659 (1.000)
	VII	:1	(0.839)
	VIII	:1	(0.667)
	R	:1	3.727 (3.295)
Final drive		:1	3.231 (2.813)
Performance			
Power-to-weig	ht ratio	kg/kW	10.7 (10.9)
Output per litre)	kW/ltr	67.7
Acceleration	0–100 km/h	S	7.5 (7.3)
	0–1000 m	S	27.9 (27.7)
in 4th gear	80-120 km/h	S	5.9 / 7.5 (-)
Top speed		km/h	240 (232)
BMW Efficier	ntDvnamics		
BMW EfficientI			Brake Energy Regeneration, Electric Power Steering (EPS),
standard featur		,	Auto Start Stop function, ECO PRO mode, intelligent lightweight construction,
			on-demand operation of ancillary units, final drive
			with optimised warm-up behaviour, tyres with reduced roll resistance
Fuel Consum			
With standard t	tyres:		
Urban		I/100km	5.8 (5.4)
Extra-urban		I/100km	4.1 (4.1)
Combined		l/100km	4.7 (4.6)
CO ₂		g/km	124 (121)
Emission rating			EU6

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

 $^{^{1)}\,\}mbox{Oil}$ change $^{2)}\,\mbox{Fuel consumption}$ and \mbox{CO}_2 emissions depend on the selected tyre format

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Valid from 11/2013

Specifications. BMW 4 Series Coupe. 420d xDrive



		BMW 420d xDrive Coupe
Body		
No. of doors/seats		214
Length/width/height 1) (unladen)	mm	4638 / 1825 / 1392
Wheelbase	mm	2810
Front/rear track	mm	1545 / 1594
Ground clearance	mm	145
		11.8
Turning circle	m	57
Fuel capacity	approx. I	7.0
Cooling and heating system reservoir capacity Engine oil capacity ²⁾	· · ·	5.2
Weight, unladen (DIN/EU)		1530 / 1605
	kg	(1540 / 1615)
Payload (DIN)	kg	520
Permitted total weight	kg	2050 (2060)
Permitted axle load, front/rear	kg	980 / 1120
Permitted trailer load (12%) braked/unbraked	kg	1600 / 750 (1600 / 750)
Permitted roof load/trailer download	kg	75/75
Luggage compartment capacity	I	445
Aerodynamic drag	c _c x A	0.29 x 2.16
Engine		
Type/no. of cylinders/valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology with variable-geometry turbocharger, Common Rail direct injection with solenoid valve injectors (max. injection pressure: 1800 bar)
Effective capacity	CC	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel type		Diesel
Output	kW/hp	135 / 184
at rpm	min ⁻¹	4000
Torque	Nm	380
at rpm	min ⁻¹	1750 – 2750
Electrical		
Battery charge/location	Ah/-	90 / luggage compartment
Alternator current/output	A/W	170 / 2380
Driving Dynamics and Safety	,	
Front suspension		Aluminium double-joint spring-strut axle with displaced camber, small positive steering roll radius, compensation of lateral forces, anti-dive
Rear suspension		Five-link axle in lightweight steel construction
Front brakes		Single-piston floating-calliper disc brakes, inner-vented
Rear brakes		Single-piston floating-calliper disc brakes, inner-vented
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assist, linked to
Safety equipment		xDrive all-wheel-drive system in Integrated Chassis Management (ICM); Standard: driver and front-seat passenger airbags, driver and front-seat passenger side airbags, front and rear head airbags, three-point automatic seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in front seats, crash sensors, tyre defect indicator
Steering		Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Variable Sport Steering
Overall steering ratio	:1	15.0
Front/rear tyres		225/50 R17 94W
		7,5J x 17 light-alloy

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Specifications. BMW 4 Series Coupe.

		BMW 420d xDrive Coupe
Transmission		
Type of gearbox		6-speed manual (optional: 8-speed automatic with Steptronic)
Gear ratios	I :1	4.110 (4.714
	II :1	2.248 (3.143
	III :1	1.403 (2.106
	IV :1	1.000 (1667
	V :1	0.802 (1.285
	VI :1	0.659 (1.000
	VII :1	- (0.839
	VIII :1	- (0.667
	R :1	3.727 (3.295
Differential ratio	:1	3.231 (2.813
Performance		
Weight-to-power ratio (DIN unladen)	kg/kW	11.3 (11.4
Specific power output	kW/l	67.7
	00 km/h sec.	7.5 (7.3
	000 m sec.	27.9 (27.7
in 4th/5th gear 80-12	20 km/h sec.	6.3/8.
Max. speed	km/h	236 (229)
BMW EfficientDyna		
BMW EfficientDynamion		Brake Energy Regeneration with recuperation display, electric power steering (EPS), Auto Start Stop function, gear shift indicator (manual), ECO PRO mode with coasting function, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance
Fuel consumption (I	EU) 3)	
With standard wheels		
Urban	l/100 km	5.9 (5.6
Extra-urban	l/100 km	4.1 (4.2
Total	l/100 km	4.8 (4.7
CO ₂ emissions	g/km	126 (124
	ns, 8.5J x 18'' réar rim	nd winter tyres, ns, 225/45 R18 front tyres and 255/40 R18 rear tyres, ns, 225/40 R19 front tyres and 255/35 R19 rear tyres
Urban	l/100 km	6.0 (5.8
Extra-urban	l/100 km	4.2 (4.3
Combined	l/100 km	4.9 (4.9
CO ₂ emissions	g/km	129 (128
Emissions standard		EU6

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

 $^{^{1)}}$ Height including roof aerial $^{2)}$ Oil change volume $^{3)}$ Fuel consumption and $\rm CO_2$ emissions depend on the selected tyre format

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Specifications. BMW 4 Series Coupe. 430d



		BMW 430d Coupe
Body		
No. of doors/seats		2/4
Length/width/height 1) (unladen)	mm	4638 / 1825 / 137
Wheelbase	mm	2810
Front/rear track	mm	1545 / 1594
Ground clearance	mm	13457 1335
Turning circle	m	11.3
	approx. I	5
Cooling and heating system	арргол. г	4
reservoir capacity Engine oil capacity ²⁾	· ·	6.6
Weight, unladen (DIN/EU)	kg	1540 / 161
Payload (DIN)	kg	520
		2060
Permitted total weight	kg	
Permitted axle load, front/rear	kg	985 / 1120
Permitted trailer load (12%) braked/unbraked	kg	1800 / 750
Permitted roof load/trailer download	kg	75/75
Luggage compartment capacity	I	445
Aerodynamic drag	c _c x A	0.29 x 2.16
Engine		
Type/no. of cylinders/valves		in-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology with variable-geometry turbocharger, Common Rail direct injection with solenoid valve injectors (max. injection pressure: 1800 bar)
Effective capacity	CC	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel type		Diese
Output	kW/hp	190 / 258
at rpm	min ⁻¹	4000
Torque	Nm	560
at rpm	min ⁻¹	2000 – 3000
Electrical		
Battery charge/location	Ah/–	90 / luggage compartment
Alternator current/output	A/W	220 / 3080
Driving Dynamics and Safety		
Front suspension		Aluminium double-joint spring-strut axle with displaced camber, small positive steering roll radius, compensation of lateral forces, anti-dive
Rear suspension		Five-link axle in lightweight steel construction
Front brakes		Single-piston floating-calliper disc brakes, inner-vented
Rear brakes		Single-piston floating-calliper disc brakes, inner-vented
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assist
Safety equipment		Standard: driver and front-seat passenger airbags, driver and front-seat passenger side airbags, front and rear head airbags, three-point automatic seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in front seats, crash sensors, tyre defect indicator
Steering		Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Variable Sport Steering
Overall steering ratio	:1	15.0
		205/50 D47 0 MA
Front/rear tyres		225/50 R17 94W

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Specifications. BMW 4 Series Coupe.

			BMW 430d Coupe		
Transmission					
Type of gearbox			8-speed automatic with Steptronic		
Gear ratios		1	4.714		
	II	1	3.143		
	III	1	2.106		
	IV	1	1667		
	V	1	1.285		
	VI	1	1.000		
	VII	1	0.839		
	VIII	1	0.667		
	R	1	3.317		
Differential ratio		1	2.563		
Performance					
Weight-to-power ratio (DIN unladen)	kg/kV	I	8.1		
Specific power output	kW	/I	63.5		
Acceleration 0-1	00 km/h sed	;.	5.5		
	,000 m sed	;.	25.0		
in 4th/5th gear 80-1	20 km/h sed	; <u>.</u>	-		
Max. speed	km/	า	250		
BMW EfficientDynamics BMW EfficientDynamics Features included as standard		(EF inte	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, ondemand operation of ancillary units, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance		
Fuel consumption (E11/3)				
With standard wheels					
Urban	I/100 kr	<u> </u>	5.7		
Extra-urban	l/100 kr	า	4.5		
Total	l/100 kr	า	4.9		
CO ₂ emissions	g/kr	า	129		
With 8J x 18" rims and With 8J x 18" front rin With 8J x 19" front rin	ns, 8.5J x 18" rear	rims, 22	inter tyres, 25/45 R18 front tyres and 255/40 R18 rear tyres, 25/40 R19 front tyres and 255/35 R19 rear tyres		
Urban	l/100 kr	1	5.8		
Extra-urban	l/100 kr	ı	4.6		
Combined	l/100 kr	ı	5.0		
CO ₂ emissions	g/kr	n	132		
Emissions standard			EU6		

Technical data valid for ACEA countries/Some permitted weights valid only for Germany

Height including roof aerial
 Oil change volume
 Fuel consumption and CO₂ emissions depend on the selected tyre format
 Data not yet available

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Valid from 11/2013

Specifications. BMW 4 Series Coupe. 435d xDrive



		BMW 435d xDrive Coupe
D. J.		
Body No. of places (a cata		0.1
No. of doors/seats		4620 11005 1120
Length/width/height 1) (unladen)	mm	4638 / 1825 / 1392
Wheelbase	mm	2810
Front/rear track	mm	1545 / 1594
Ground clearance	mm	145
Turning circle	m	11.8
Fuel capacity	approx. I	57
Cooling and heating system reservoir capacity	1	4
Engine oil capacity 2)	1	6.5
Weight, unladen (DIN/EU)	kg	1625 / 1700
Payload (DIN)	kg	520
Permitted total weight	kg	2145
Permitted axle load, front/rear	kg	1050 / 1135
Permitted trailer load (12%) braked/unbraked	kg	1800 <i>l</i> 750
Permitted roof load/trailer	kg	75 / 75
download	9	70770
Luggage compartment capacity		445
Aerodynamic drag	c _c x A	0.30 x 2.16
, torodynamic drug	OC X 7 C	0.00 X 2.110
Engine		
Type/no. of cylinders/valves		in-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology with multi-stage variable-geometry high-pressure turbocharger, Common Rail direct injection with piezo injectors (max. injection pressure 2000 bar)
Effective capacity	CC	2993
Stroke/bore		90.0 / 84.0
		90.0784.0
Compression ratio	- 11	
Fuel type		Diese
Output	kW/hp	230 / 313
at rpm	min ⁻¹	4400
Torque	Nm	630
at rpm	min ⁻¹	1500 – 2500
Electrical		
Battery charge/location	Ah/-	90 / luggage compartment
Alternator current/output	A/W	210 / 2940
Driving Dynamics and Safety	,	
Front suspension	<u>'</u>	Aluminium double-joint spring-strut axle with displaced camber, small positive steering roll radius, compensation of lateral forces, anti-dive
Rear suspension		Five-link axle in lightweight steel construction
Front brakes		Single-piston floating-calliper disc brakes, inner-vented
Rear brakes		Single-piston floating-calliper disc brakes, inner-vented
		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control),
Driving stability systems		CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assist, linked to xDrive all-wheel-drive system in Integrated Chassis Management (ICM);
Safety equipment		Standard: driver and front-seat passenger airbags, driver and front-seat passenger side airbags, front and rear head airbags, three-point automatic seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in front seats, crash sensors, tyre defect indicator
Steering		Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Variable Sport Steering
Overall steering ratio	:1	15.0
Front/rear tyres		225/50 R17 94W

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Valid from 11/2013

Specifications. BMW 4 Series Coupe.

			BMW 435d xDrive Coupe	
Transmission				
Type of gearbox			8-speed automatic with Steptronic	
Gear ratios		:1	3-speed automatic with Steptronic 4.714	
deal fatios	<u> </u>	:1	3.143	
		:1	2.106	
	IV	:1	1667	
	V	:1	1.285	
	VI	:1	1.000	
	VII	:1	0.839	
	VIII	:1	0.667	
	R	:1	3.317	
Differential ratio		:1	2.563	
Performance				
Weight-to-power rat (DIN unladen)	io	kg/kW	7.1	
Specific power outpu	ut	kW/l	76.8	
Acceleration 0-	100 km/h	sec.	4.7	
0-	1,000 m	sec.	23.7	
in 4th/5th gear 80–	120 km/h	sec.	-	
Max. speed		km/h	250	
BMW EfficientDynamics BMW EfficientDynamics Features included as standard		;	Brake Energy Regeneration with recuperation display, electric power steering (EPS), Auto Start Stop function, ECO PRO mode with coasting function, intelligent lightweight construction, optimized aerodynamic attributes, ondemand operation of ancillary units, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance	
Fuel consumption	(FII) 3)			
With standard wheel	<u> </u>			
Urban		100 km	6,4	
Extra-urban		100 km	4.9	
Total	I/·	100 km	5.4	
CO ₂ emissions		g/km	143	
With 8J x 18" rims a With 8J x 18" front ri	ims, 8.5J x 18	3'' réar rin	and winter tyres, ns, 225/45 R18 front tyres and 255/40 R18 rear tyres, ns, 225/40 R19 front tyres and 255/35 R19 rear tyres	
Urban	l/*	100 km	6.6	
Extra-urban	I/*	100 km	5.0	
Combined	I/*	100 km	5.6	
			4.46	
CO ₂ emissions		g/km	146	

Technical data valid for ACEA countries/Some permitted weights valid only for Germany

Height including roof aerial
 Oil change volume
 Fuel consumption and CO₂ emissions depend on the selected tyre format
 Data not yet available