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### 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. I	60	60
Engine oil 1)	<u>арргол. і</u>	5,25	5.25
Weight, unladen, to DIN/EU	kg	1475 / 1550	1490 / 1565
3 4, 1 1 1 1 , 1 1	9	(1495 / 1570)	(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,	kg		
braked (12%) / unbraked	Ü	1400 (1500) / 695	1600 / 745
Max roofload / max towbar	kg	75 / 75	75 / 75
download			
Luggage comp capacity	- 1	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 Tw Precision Direct Injection, VALVETRONIC ful Double-VANOS variable cam	lly variable valve control und
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 dis steering roll radius, traverse force con	
Suspension, rear		Five-link axle in lightweight c	
Brakes, front		Single-piston floating-calliper disc	
Brakes, rear		Single-piston floating-calliper disc	
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynam	
Driving stability systems		Brake Control (CBC), Dynamic Brake Control	(DBC), Dry Braking function,
Safety equipment	Fading Compensation, Start-Off Assistant  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	
		with Servotronic function; optional: Va	riable 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 transmis	sion		6-speed manual (optional: 8-speed	d 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 EfficientI	Dynamics			
BMW EfficientDy	/namics	Bral	ke Energy Regeneration with recuperation disp	olay, Electric Power Steering
standard features	6		S), Auto Start Stop function, Optimum Shift Inc	
			sting function (automatic transmission), intellig	
			mised aerodynamic attributes, on-demand ope	, , ,
		reg	gulated oil pump, differential with optimised-wa	, , ,
			reduced rolling resistance	ce
Fuel Consump				
With standard wh	neels 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 <sub>2</sub>		g/km	134 (127)	143 (129)
With 8J x 18 whe				
	. ,,	, ,	d 225/45 R18 tyres (front), 255/40 R18 (rear),	
	els (front), 8.5J		d 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 <sub>2</sub>		g/km	141 (134)	151 (136)
			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

 $<sup>^{1)}\,</sup>$  Oil change  $^{2)}\,$  Fuel consumption and  $\text{CO}_2$  emissions depend on the selected tyre format

### BMW 4 Series Coupe. 420i xDrive, 430i xDrive.

Track, front / rear			BMW 420i xDrive Coupe	BMW 430i xDrive Coupe
No of doors / seats				
Length / width / height (unladen)         mm         4640 / 1825 / 1392         4640 / 1825 / 1393           Wheelbase         mm         2810         2811           Track, front / rear         mm         1543 / 1593         1543 / 1598           Ground clearance         mm         145         141           Turning circle         m         11.8         111           Fuel tark capacity         approx.1         60         66           Engine oil			2/4	2/4
Wheelbase		mm		
Track, front / rear				2810
Circumo clearance				
Turning circle			1 1 11	145
Fuel tank capacity				11.8
Engine oil				60
Weight, unladen, to DIN/EU   kg				5.25
Max permissible weight         kg         2080 (2090)         2091           Max axel load, front / rear         kg         995 / 1135         995 / 1146           Max trailer load, kg         kg         1700 / 750         1700 / 756           Max rofiload / max towbar download         kg         75 / 75         75 / 75           download         Luggage comp capacity         I         445         445           Luggage comp capacity         I         445         445           Air resistance         cd x A         0.30 x 2.16         0.30 x 2.16           ConfigNo of cylsivalves         BMW TwinPower Turbo technology with TwinScroll turbocharger, High Precision Direct Injection, VAI,VETRONIC fully variable voc outrol and Double-VANOS variable camshaft timing           Effective capacity         c         1998         1998         1998           Stroke / bore         mm         946 / 82.0         946 / 82.0         946 / 82.0           Compression ratio         :1         11.0         10.2         10.2           Fuel         RON 95         RON 99         RON 90 - 98         Max output         Max output         kW/pp         135 / 194         195 / 25		kg		1575 / 1650
Max ake load, front / rear         kg         995/1135         995/1146           Max trailer load,         kg         1700/750         1700/750           Max rofload / max towbar download         kg         75/75         75/75           Max rofload / max towbar download         kg         75/75         75/75           Jair 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         In-line/4/4           Engine technology         BMW Twin/Power Turbo technology with Twin/Scroll turbocharger, High Precision Direct Injection, VAL/VETRONIC fully variable valve control and Double-VANOS variable camshaft timing           Effective capacity         cc         1998         1998         1998           Stroke / bore         mm         94.6 /82.0         94.6 /	Max load to DIN	kg	520	520
Max trailer load, braked (12%) / unbraked         kg         1700 / 750         1700 / 750           Max roofload / max towbard Max roofload / max towbard download         kg         75 / 75         75 / 75           download         1         445         445           Luggage comp capacity         I         445         445           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         In-line/4/4           Engine technology         BMW TwinPower Turbo technology with TwinScroll turbocharger, High Precision Direct Injection, VALVET RONIC fully variable valve control and Double-VANOS variable camshaft timing           Effective capacity         cc         1998         1998           Stroke / Dore         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         kWhp         135 / 184         185 / 25/2           at         rpm         5000         5200           Max torque         Nr/llb-ft         270/199         350/25	Max permissible weight		2080 (2090)	2095
braked (12%) / unbraked         1700 / 750         1700 / 750           Max roofload / max towbar download         kg         75 / 75         75 / 75           Luggage comp capacity         I         445         444           Air resistance         cd x A         0.30 x 2.16         0.30 x 2.16           Power Unit           Config/No of cyts/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 and 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         10.3           Fuel         RON 90 - 98         RON 90 - 98           Recommended fuel         RON 95         RON 95           Max output         kW/hp         135 / 194         185 / 25.2           at         rpm         5000         5200           Max torque         Nm/lb-ft         270/199         350/256           at         rpm         1350 - 4600         1450 - 480           Electrical System	Max axle load, front / rear	kg	995 / 1135	995 / 1140
braked (12%) / unbraked	Max trailer load,			
Description   Compression	braked (12%) / unbraked		1700 / 750	1700 / 750
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-lin		kg	75 / 75	75 / 75
Power Unit	Luggage comp capacity		445	445
Config/No of cyls/valves Engine technology BMW TwinPower Turbo technology with TwinScroll turbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve control and 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 10.3 Fuel RON 90 – 98 RON 90 – 98 Recommended fuel RON 95 RON 95 Recommended fuel RON 95 RON 95 Recommended fuel RON 95 RON 95 at rpm 5000 5200 Max torque Nm/lb-ft 270/199 350/256 at rpm 1350 – 4600 1450 – 4800  Electrical System Battery/installation Ah/- 80 / Luggage compartment 80 / Luggage compartment  Driving Dynamics and Safety Suspension, rear Five-link axle in lightweight construction Brakes, front Single-piston floating-calliper disc brakes / vented Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant, cross-linking with xDrive all-wheel-drive system  Safety equipment Standard: airbags for driver and front passenger, side airbags for driver and sensors, tyre pressure indicator crash sensors, tyre pressure indicator series of the passenger in the front with belt tensioners and belt force limiter, crash sensors,		cd x A	0.30 x 2.16	0.30 x 2.16
Engine technology  BMW TwinPower Turbo technology with TwinScroll turbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve control and Double-VANOS variable camshaft timing  Effective capacity cc 1998 1998 1998  Stroke / bore mm 94.6 / 82.0 94.6 / 82.0  Compression ratio :1 11.0 10.2  Fivel RON 90 – 98 RON 90 – 98  Recommended fuel RON 95 RON 95  Recommended fuel RON 95 RON 95  Max output kWhp 135 / 184 185 / 252  at rpm 5000 5200  Max torque Nm/lb-ft 270/199 350/252  at rpm 1350 – 4600 1450 – 4800  Electrical System  Batteryfinstallation 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  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, cross-linking with Norive all-wheel-drive system  Safety equipment Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for fist 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, type pressure indicator  Steering Electric Power Steering (EPS) with Servotronic function; optional: Variable Sport Steering  Steering ratio, overall :1 15.1 15.1  Tyres, front / rear				
### Precision Direct Injection, VALVETRONIC fully variable valve control and Double-VANOS variable camshaft timing  #### Effective capacity ### Cc				
Stroke / bore         mm         94.6 / 82.0         94.6 / 82.0           Compression ratio         :1         11.0         10.3           Recommended 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         270/199         350/256           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           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 (DBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant, cross-linking with N	Engine technology		Precision Direct Injection, VALVETRONIC	fully variable valve control and
Compression ratio :1 11.0 10.2 Fuel RON 90 – 98 RON 90 – 98 Recommended fuel RON 95 RON 99 98 RON 99 – 98 RECOMMENDER STAN 99 98 RON 90 – 98 RECOMMENDER STAN 99 88 RON 90 – 98 RON 90 – 98 RECOMMENDER STAN 99 98 RON 90 – 98 RECOMMENDER STAN 99 98 RON 90 – 98 RECOMMENDER STAN 99 88 RON 90 – 98 RON 90 – 9	Effective capacity	CC	1998	1998
Recommended 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 270/199 350/256 at rpm 1350 – 4600 1450 – 4800  Electrical System  Battery/installation Ah/— 80 / Luggage compartment 80 / Luggage compartmen  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, cross-linking with xDrive all-wheel-drive system  Safety equipment Standard: airbags for driver and front passenger, side airbags for driver and front passenger, sid	Stroke / bore	mm	94.6 / 82.0	94.6 / 82.0
Recommended fuel RON 95 RON 95  Max output kW/hp 135 / 184 185 / 252 at rpm 5000 5200  Max torque Nm/lb-ft 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, cross-linking with xDrive all-wheel-drive system  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 15.1 15.1  Tyres, front / rear	Compression ratio	:1		10.2
Max output kW/hp 135 / 184 185 / 252 at rpm 5000 5200 Max torque Nm/lb-ft 270/199 350/256 at rpm 1350 – 4600 1450 – 4800 1450				RON 90 – 98
at rpm 5000 5200  Max torque Nm/lb-ft 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, cross-linking with xDrive all-wheel-drive system  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 15.1 15.7  Tyres, front / rear 225/50 R17 94W 225/50 R17 94W				RON 95
Max torque Nm/lb-ft 270/199 350/256 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, cross-linking with xDrive all-wheel-drive system  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 15.1 15.1  Tyres, front / rear 225/50 R17 94W 225/50 R17 94W	Max output	kW/hp		185 / 252
Electrical System  Batteryfinstallation 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, cross-linking with xDrive all-wheel-drive system  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 15.1 15.1  Tyres, front / rear 225/50 R17 94W 225/50 R17 94W				5200
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, cross-linking with xDrive all-wheel-drive system  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 15.1 15.1  Tyres, front / rear 225/50 R17 94W 225/50 R17 94W		Nm/lb-ft		
Battery/installation	at	rpm	1350 – 4600	1450 – 4800
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, cross-linking with xDrive all-wheel-drive system  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  11  15.1  Tyres, front / rear  225/50 R17 94W  225/50 R17 94W	Electrical System			
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, cross-linking with xDrive all-wheel-drive system  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  11  15.1  15.7  Tyres, front / rear	Battery/installation	Ah/-	80 / Luggage compartment	80 / Luggage compartment
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, cross-linking with xDrive all-wheel-drive system  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 15.1 15.7  Tyres, front / rear 225/50 R17 94W 225/50 R17 94W		/	Al (22.2 co. d. 14. 2.2 co. 2. co. 1 co. 1 co. 20.	P I I
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, cross-linking with XDrive all-wheel-drive system  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 15.1 15.7  Tyres, front / rear 225/50 R17 94W 225/50 R17 94W			steering roll radius, traverse force c	ompensation, anti-dive
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, cross-linking with XDrive all-wheel-drive system  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 15.1 15.7  Tyres, front / rear  225/50 R17 94W  225/50 R17 94W			<u> </u>	
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, cross-linking with xDrive all-wheel-drive system  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 15.1 15.7  Tyres, front / rear  225/50 R17 94W  225/50 R17 94W	· · · · · · · · · · · · · · · · · · ·			
Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant, cross-linking with xDrive all-wheel-drive system  Safety equipment Standard: airbags for driver and front passenger, side airbags for driver and front passenger, set airbags for dri				
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 15.1 15.7  Tyres, front / rear  225/50 R17 94W  225/50 R17 94W	Driving stability systems	,	Brake Control (CBC), Dynamic Brake Control Fading Compensation, Start-Off Ass	rol (DBC), Dry Braking function, sistant, cross-linking with
Steering         Electric Power Steering (EPS) with Servotronic function; optional: Variable Sport Steering           Steering ratio, overall         :1         15.1         15.7           Tyres, front / rear         225/50 R17 94W         225/50 R17 94W	Safety equipment		Standard: airbags for driver and front passeng passenger, head airbags for 1st and 2nd seat on all seats, integrated at the front with belt	er, side airbags for driver and front row, three-point inertia-reel belts tensioners and belt force limiter,
Steering ratio, overall         :1         15.1         15.           Tyres, front / rear         225/50 R17 94W         225/50 R17 94W	Steering		Electric Power Steeri	ng (EPS)
Tyres, front / rear 225/50 R17 94W 225/50 R17 94W	Steering ratio, overall	-1		
	Rims, front / rear		7.5J x 17 LM	7.5J x 17 LM

			BMW 420i xDrive Coupe	BMW 430i xDrive Coupe
Transmission				
Type of transmissi	on		6-speed manual	8-speed Steptronic
. , , , , , , , , , , , , , , , , , , ,			(optional: 8-speed Steptronic)	о оросы оторисии
Gear ratios		:1	4.110 (5.000)	5.000
	II	:1	2.315 (3.200)	3.200
	III	:1	1.542 (2.143)	2.143
	IV	:1	1.179 (1.720)	1.720
	V	:1	1.000 (1.314)	1.314
	VI	:1	0.846 (1.000)	1.000
	VII	:1	- (0.822)	0.822
	VIII	:1	- (0.640)	0.640
	R	:1	3.727 (3.456)	3.456
Final drive		:1	3.385 (2.813)	2.813
Performance				
Power-to-weight ra	atio (DIN)	kg/kW	11.6 (11.6)	8.5
Output per litre		kW/l	67.6	92.6
Acceleration (	0–100 km/h	S	7.6 (7.8)	5.8
T		km/h	233 (231)	250
Top speed		KITI/IT	200 (201)	230
BMW EfficientDy	ynamics	KITI/IT	200 (201)	230
			ke Energy Regeneration with recuperation	
BMW EfficientD		Brak		n display, Electric Power Steering
BMW EfficientDyn		Brał (EPS	ke Energy Regeneration with recuperation	n display, Electric Power Steering ft Indicator (manual gearbox), ECO
BMW EfficientDyn		Brak (EPS	ke Energy Regeneration with recuperation ), Auto Start Stop function, Optimum Shir PRO mode with coasting function (automightweight construction, optimised aerodightweight construction.	n display, Electric Power Steering ft Indicator (manual gearbox), ECO natic transmission), intelligent ynamic attributes, on-demand
BMW EfficientDyn		Brak (EPS	ke Energy Regeneration with recuperation i), Auto Start Stop function, Optimum Shi PRO mode with coasting function (autom ightweight construction, optimised aerod operation of ancillary units, map-regulated	n display, Electric Power Steering ft Indicator (manual gearbox), ECO natic transmission), intelligent ynamic attributes, on-demand I oil pump, rear differential with
BMW EfficientDyn		Brak (EPS	ke Energy Regeneration with recuperation i), Auto Start Stop function, Optimum Shir PRO mode with coasting function (autom ightweight construction, optimised aerod	n display, Electric Power Steering ft Indicator (manual gearbox), ECO natic transmission), intelligent ynamic attributes, on-demand I oil pump, rear differential with
BMW EfficientDyn BMW EfficientDyn standard features	amics	Brak (EPS	ke Energy Regeneration with recuperation i), Auto Start Stop function, Optimum Shi PRO mode with coasting function (autom ightweight construction, optimised aerod operation of ancillary units, map-regulated	n display, Electric Power Steering ft Indicator (manual gearbox), ECO natic transmission), intelligent ynamic attributes, on-demand I oil pump, rear differential with
BMW EfficientDyn	amics on EU <sup>2)</sup>	Brak (EPS I c	ke Energy Regeneration with recuperation i), Auto Start Stop function, Optimum Shi PRO mode with coasting function (autom ightweight construction, optimised aerod operation of ancillary units, map-regulated	n display, Electric Power Steering ft Indicator (manual gearbox), ECO natic transmission), intelligent ynamic attributes, on-demand I oil pump, rear differential with
BMW EfficientDyn BMW EfficientDyn standard features	amics on EU <sup>2)</sup>	Brak (EPS I c	ke Energy Regeneration with recuperation i), Auto Start Stop function, Optimum Shi PRO mode with coasting function (autom ightweight construction, optimised aerod operation of ancillary units, map-regulated	n display, Electric Power Steering ft Indicator (manual gearbox), ECO natic transmission), intelligent ynamic attributes, on-demand I oil pump, rear differential with
BMW EfficientDyn BMW EfficientDyn standard features  Fuel Consumption With standard whee	amics on EU <sup>2)</sup>	Brak (EPS I	ke Energy Regeneration with recuperation in Auto Start Stop function, Optimum Shir PRO mode with coasting function (automightweight construction, optimised aerodioperation of ancillary units, map-regulated optimised warm-up behaviour, tyres wit	n display, Electric Power Steering ft Indicator (manual gearbox), ECO natic transmission), intelligent ynamic attributes, on-demand oil pump, rear differential with h reduced rolling resistance
BMW EfficientDyn standard features  Fuel Consumption With standard wheurban	amics on EU <sup>2)</sup>	Brak (EPS I c	ke Energy Regeneration with recuperation of the Start Stop function, Optimum Shir PRO mode with coasting function (automightweight construction, optimised aerodioperation of ancillary units, map-regulated optimised warm-up behaviour, tyres wit 8.7 (7.7)	n display, Electric Power Steering ft Indicator (manual gearbox), ECO natic transmission), intelligent ynamic attributes, on-demand loil pump, rear differential with h reduced rolling resistance
BMW EfficientDyn standard features  Fuel Consumptii With standard whe urban inter-urban	amics on EU <sup>2)</sup>	Brak (EPS   I   c	ke Energy Regeneration with recuperation of the Start Stop function, Optimum Shit PRO mode with coasting function (automightweight construction, optimised aerodioperation of ancillary units, map-regulated optimised warm-up behaviour, tyres wit 8.7 (7.7)  8.7 (7.7)  5.4 (4.8)	n display, Electric Power Steering ft Indicator (manual gearbox), ECO natic transmission), intelligent ynamic attributes, on-demand oil pump, rear differential with h reduced rolling resistance  7.5 5.0 5.9
BMW EfficientDyn standard features  Fuel Consumption With standard wheel urban inter-urban combined	amics  on EU <sup>2)</sup> els and tyres	Brak (EPS	ke Energy Regeneration with recuperation ), Auto Start Stop function, Optimum Shi PRO mode with coasting function (autom ightweight construction, optimised aerod operation of ancillary units, map-regulated optimised warm-up behaviour, tyres wit  8.7 (7.7) 5.4 (4.8) 6.6 (5.9) 154 (137)	n display, Electric Power Steering ft Indicator (manual gearbox), ECO natic transmission), intelligent ynamic attributes, on-demand oil pump, rear differential with h reduced rolling resistance  7.5 5.0 5.9
BMW EfficientDyn standard features  Fuel Consumption With standard where urban inter-urban combined CO2 With 8J x 18 wheel	on EU <sup>2)</sup> sels and tyres	Brak (EPS   I   C   V100 km   V100 km   V100 km   g/km   5 R18 tyres / wi	ke Energy Regeneration with recuperation ), Auto Start Stop function, Optimum Shi PRO mode with coasting function (autom ightweight construction, optimised aerod operation of ancillary units, map-regulated optimised warm-up behaviour, tyres wit  8.7 (7.7) 5.4 (4.8) 6.6 (5.9) 154 (137)	n display, Electric Power Steering ft Indicator (manual gearbox), ECO natic transmission), intelligent ynamic attributes, on-demand oil pump, rear differential with h reduced rolling resistance  7.5 5.0 5.9
BMW EfficientDyn standard features  Fuel Consumption With standard whe urban inter-urban combined CO2 With 8J x 18 whee with 8J x 18 wheel	on EU <sup>2)</sup> sels and tyres els and 225/4! Is (front), 8.5.	Brak (EPS   I   Co   I/100 km   I/100 km   I/100 km   g/km   5 R18 tyres / wi	ke Energy Regeneration with recuperation of the construction of th	n display, Electric Power Steering ft Indicator (manual gearbox), ECO natic transmission), intelligent ynamic attributes, on-demand oil pump, rear differential with h reduced rolling resistance  7.5 5.0 5.9 138 ear),
BMW EfficientDyn standard features  Fuel Consumption With standard whe urban inter-urban combined CO2 With 8J x 18 whee with 8J x 18 wheel	on EU <sup>2)</sup> sels and tyres els and 225/4! Is (front), 8.5.	Brak (EPS   I   Co   I/100 km   I/100 km   I/100 km   g/km   5 R18 tyres / wi	ke Energy Regeneration with recuperation 3), Auto Start Stop function, Optimum Shir PRO mode with coasting function (autom ightweight construction, optimised aerod operation of ancillary units, map-regulated optimised warm-up behaviour, tyres wit  8.7 (7.7) 5.4 (4.8) 6.6 (5.9) 154 (137) ith winter tyres, 1225/45 R18 tyres (front), 255/40 R18 (re	n display, Electric Power Steering ft Indicator (manual gearbox), ECO natic transmission), intelligent ynamic attributes, on-demand oil pump, rear differential with h reduced rolling resistance  7.5 5.0 5.9 138 ear), ear)
BMW EfficientDyn standard features  Fuel Consumption With standard whe urban inter-urban combined CO2 With 8J x 18 wheel with 8J x 18 wheel with 8J x 19 wheel with 8	on EU <sup>2)</sup> sels and tyres els and 225/4! Is (front), 8.5.	Brak (EPS   I   Co   William	ke Energy Regeneration with recuperation of the construction of th	n display, Electric Power Steering ft Indicator (manual gearbox), ECO natic transmission), intelligent ynamic attributes, on-demand oil pump, rear differential with h reduced rolling resistance  7.5 5.0 5.9 138 ear), ear)
BMW EfficientDyn standard features  Fuel Consumption With standard when urban inter-urban combined CO2 With 8J x 18 wheel with 8J x 19 wheel urban	on EU <sup>2)</sup> sels and tyres els and 225/4! Is (front), 8.5.	Brak (EPS   I   CO   I   100 km   I/100 km   I/100 km   G/km   S R18 tyres / wi   J x 18 (rear) and J x 19 (rear) and I/100 km   I/100 km	ke Energy Regeneration with recuperation of the construction of th	n display, Electric Power Steering ft Indicator (manual gearbox), ECO natic transmission), intelligent ynamic attributes, on-demand oil pump, rear differential with h reduced rolling resistance  7.5 5.0 5.9 138 ear), ear) 7.8
BMW EfficientDyn Standard features  Fuel Consumption With standard when urban inter-urban combined CO2 With 8J x 18 wheel with 8J x 19 wheel urban inter-urban inter-urban inter-urban	on EU <sup>2)</sup> sels and tyres els and 225/4! Is (front), 8.5.	Brak (EPS	ke Energy Regeneration with recuperation of the construction, Optimum Shir PRO mode with coasting function (autom ightweight construction, optimised aerod operation of ancillary units, map-regulated optimised warm-up behaviour, tyres wit 8.7 (7.7) 5.4 (4.8) 6.6 (5.9) 154 (137) ith winter tyres, 1225/45 R18 tyres (front), 255/40 R19 (ref. 9.0 (8.1) 5.7 (5.1)	n display, Electric Power Steering ft Indicator (manual gearbox), ECO natic transmission), intelligent ynamic attributes, on-demand oil pump, rear differential with h reduced rolling resistance  7.5 5.0 5.9 138 ear),

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight) BMW 420i xDrive Coupe: Figures in brackets apply to models with automatic transmission

 $<sup>^{1)}</sup>$  Oil change  $^{2)}$  Fuel consumption and  $\mathrm{CO}_2$  emissions depend on the selected tyre format

# BMW 4 Series Coupe. 440i.

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		BMW 440i Coupe	
		·	
Body			
No of doors / seats		2/4	
Length / width / height (unlade	en) 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. I	60	
Engine oil 1)	I_	6.5	
Weight, unladen, to DIN/EU	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,	kg		
braked (12%) / unbraked		1700 / 750	
Max roofload / max towbar download	kg	75 / 75	
Luggage comp capacity	I	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 Safe			
Suspension, front	A	Aluminium double-joint spring strut axle with displaced camber, small positive	
0		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	S	itandard: 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,		
01		crash sensors, tyre pressure indicator	
Steering		Electric Power Steering (EPS)	
01	4	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			0 1 1/ 1/ 10 10 10
Type of transmi			6-speed manual (optional: 8-speed Steptronic)
Gear ratios	<u> </u>	:1_	4.110 (5.000)
	<u>II</u>	: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-weigh	nt 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)
D101/E65			
BMW Efficient			
BMW EfficientD	,		Brake Energy Regeneration with recuperation display, Electric Power Steering
standard feature	es	,	EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with
			coasting function (automatic transmission), intelligent lightweight construction,
		C	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 Consump	otion Ell <sup>2)</sup>		
With standard w			
urban		l/100 km	10.0 (8.8)
inter-urban		1/100 km	5.9 (5.3)
combined		1/100 km	7.4 (6.6)
CO <sub>2</sub>		g/km	172 (154)
	neels and 225/45		// with winter tyres,
			and 225/45 R18 tyres (front), 255/40 R18 (rear),
			and 225/40 R19 tyres (front), 255/35 R19 (rear)
urban		1/100 km	10.4 (9.1)
inter-urban		1/100 km	6.1 (5.5)
combined		1/100 km	7.7 (6.8)
CO <sub>2</sub>		g/km	179 (159)
Emission rating		gritill	EU6
Limbolori ratirig			LOO

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

 $<sup>^{1)}\,</sup>$  Oil change  $^{2)}\,$  Fuel consumption and  $\text{CO}_2$  emissions depend on the selected tyre format

# BMW 4 Series Coupe. 440i xDrive.

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		BMW 440i xDrive Coupe
		2
Body		
No of doors / seats		2/4
Length / width / height (unlade	en) mm	4640 / 1825 / 1392
Wheelbase	mm	2810
Track, front / rear	mm	1543 / 1589
Ground clearance	mm	145
Turning circle	m	11.8
Fuel tank capacity	approx. I	60
Engine oil 1)	I	6.5
Weight, unladen, to DIN/EU	kg	1610 / 1685
		(1625 / 1700)
Max load to DIN	kg	520
Max permissible weight	kg	2130 (2145)
Max axle load, front / rear	kg	1040 / 1145
Max trailer load,	kg	4000 / 750
braked (12%) / unbraked	l.e.	1800 / 750
Max roofload / max towbar	kg	75 / 75
download  Luggage comp capacity		445
Air resistance	cd x A	0.31 x 2.16
All resistance	CUXA	0.3 I X 2.10
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
		·
<b>Driving Dynamics and Saf</b>		
Suspension, front	A	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	S	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, cross-linking with
Cafationarida		xDrive all-wheel-drive system
Safety equipment		tandard: 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,
Ctaorina		crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS)
Ctooring ratio avarall	.1	with Servotronic function; optional: Variable Sport Steering
Steering ratio, overall	:1	15.1 225/50 R17 94W
Tyres, front / rear		
Rims, front / rear		7.5J x 17 LM

Transmission   Type of transmission   G-speed manual (optional: 8-speed Steptronic)   Gear ratios   1	)e	BMW 440i xDrive Coupe			
Type of transmission 6-speed manual (optional: 8-speed Steptronic)  Gear ratios I :1 4,110 (5,000)  III :1 2,315 (3,200)  IIII :1 1,542 (2,143)  IV :1 1,179 (1,720)  V :1 1,000 (1,314)  VI :1 0,846 (1,000)  VIII :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 6.7 (6,8)  Output per litre kW/l 80.1  Acceleration 0-100 km/h \$ 5,0 (4,9)  Top speed km/h 250 (250)  BMW EfficientDynamics  BMW EfficientDynamics  Brake Energy Regeneration with recuperation display, Electric Power (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO roasting function (automatic transmission), intelligent lightweight coroptimised aerodynamic attributes, on-demand operation of ancillary u regulated oil pump, rear differential with optimised warm-up behavic with reduced rolling resistance  Fuel Consumption EU 29  With standard wheels and tyres  urban  /100 km 10,4 (9,3)  inter-urban  /100 km 7,7 (7,0)  CO <sub>2</sub> g/km 179 (162)  With 8J x 18 wheels (front), 8,5J x 18 (rear) and 225/45 R18 tyres (front), 255/35 R19 (rear) urban  /100 km 10,7 (9,7)					Transmission
Case	d Stentronic)	6-speed manual (optional: 8-speed Ste		sion	
:1	a Otoptionio)		:1		
III				<u> </u>	addi Tatioo
N					
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   6.7 (6.8)     Output per litre   kW/l   80.1     Acceleration   0-100 km/h   s   5.0 (4.9)     Top speed   km/h   250 (250)     BMW EfficientDynamics     BMW EfficientDynamics   Brake Energy Regeneration with recuperation display, Electric Power (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO or coasting function (automatic transmission), intelligent lightweight core optimised aerodynamic attributes, on-demand operation of ancillary of the coasting function (automatic transmission), intelligent lightweight core optimised aerodynamic attributes, on-demand operation of ancillary of the coasting function (automatic transmission), intelligent lightweight core optimised aerodynamic attributes, on-demand operation of ancillary of the coasting function (automatic transmission), intelligent lightweight core optimised aerodynamic attributes, on-demand operation of ancillary of the coasting function (automatic transmission), intelligent lightweight core optimised aerodynamic attributes, on-demand operation of ancillary of the coasting function (automatic transmission), intelligent lightweight core optimised aerodynamic attributes, on-demand operation of ancillary of the coasting function (automatic transmission), intelligent lightweight core optimised aerodynamic attributes, on-demand operation of ancillary of the coasting function (automatic transmission), intelligent lightweight core optimised aerodynamic attributes, on-demand operation of ancillary of the coasting function (automatic transmission), intelligent lightweight core optimised aerodynamic attributes, on-demand operation of ancillary of the coasting function (automatic transmission), intelligent lightweight core optimised aerodynamic attributes, on-demand operation of ancillary of the coasting function (automatic transmission),		· · · · · · · · · · · · · · · · · · ·			
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   6.7 (6.8)     Output per litre   kW/I   80.1     Acceleration   0-100 km/h   s   5.0 (4.9)     Top speed   km/h   250 (250)     BMW EfficientDynamics     BMW EfficientDynamics     Brake Energy Regeneration with recuperation display, Electric Power standard features   (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO or coasting function (automatic transmission), intelligent lightweight cornoptimised aerodynamic attributes, on-demand operation of ancillary uregulated oil pump, rear differential with optimised warm-up behavion with reduced rolling resistance		, ,			
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   6.7 (6.8)     Output per litre   kW/l   80.1     Acceleration   0-100 km/h   s   5.0 (4.9)     Top speed   km/h   250 (250)     BMW EfficientDynamics     BMW EfficientDynamics     Brake Energy Regeneration with recuperation display, Electric Power (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO recoasting function (automatic transmission), Intelligent lightweight core optimised aerodynamic attributes, on-demand operation of ancillary of the composition of the composit		. , ,		<u>-</u>	
VIII   :1		, ,			
R		· , ,			
Final drive :1 3.231 (2.813)  Performance  Power-to-weight ratio (DIN) kg/kW 6.7 (6.8)  Output per litre kW/l 80.1  Acceleration 0–100 km/h s 5.0 (4.9)  Top speed km/h 250 (250)  BMW EfficientDynamics  BMW EfficientDynamics  Brake Energy Regeneration with recuperation display, Electric Power (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO recoasting function (automatic transmission), intelligent lightweight core optimised aerodynamic attributes, on-demand operation of ancillary user regulated oil pump, rear differential with optimised warm-up behavior with reduced rolling resistance  Fuel Consumption EU 2)  With standard wheels and tyres  urban l/100 km 10.4 (9.3)  inter-urban l/100 km 6.1 (5.6)  combined l/100 km 7.7 (7.0)  CO2 g/km 179 (162)  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 10.7 (9.7)		, ,			
Performance Power-to-weight ratio (DIN) kg/kW 6.7 (6.8) Output per litre kW/l 80.1 Acceleration 0–100 km/h s 5.0 (4.9) Top speed km/h 250 (250)  BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Brake Energy Regeneration with recuperation display, Electric Power (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO recoasting function (automatic transmission), intelligent lightweight core optimised aerodynamic attributes, on-demand operation of ancillary of regulated oil pump, rear differential with optimised warm-up behavior with reduced rolling resistance  Fuel Consumption EU 2) With standard wheels and tyres urban l/100 km 10.4 (9.3) inter-urban l/100 km 6.1 (5.6) combined l/100 km 7.7 (7.0) CO2 g/km 179 (162) 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 10.7 (9.7)		· · · · · · · · · · · · · · · · · · ·		- 11	Final drive
Power-to-weight ratio (DIN) kg/kW 6.7 (6.8)  Output per litre kW/l 80.1  Acceleration 0–100 km/h s 5.0 (4.9)  Top speed km/h 250 (250)  BMW EfficientDynamics  BMW EfficientDynamics  Brake Energy Regeneration with recuperation display, Electric Power (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO recosting function (automatic transmission), intelligent lightweight core optimised aerodynamic attributes, on-demand operation of ancillary of regulated oil pump, rear differential with optimised warm-up behavior with reduced rolling resistance  Fuel Consumption EU 2)  With standard wheels and tyres  urban l/100 km 10.4 (9.3)  inter-urban l/100 km 6.1 (5.6)  combined l/100 km 7.7 (7.0)  CO2 g/km 179 (162)  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), 255/35 R19 (rear)  urban l/100 km 10.7 (9.7)		0.201 (2.010)			i iliai alive
Output per litre         kW/I         80.1           Acceleration         0–100 km/h         s         5.0 (4.9)           Top speed         km/h         250 (250)           BMW EfficientDynamics         Brake Energy Regeneration with recuperation display, Electric Power standard features         (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO recoasting function (automatic transmission), intelligent lightweight core optimised aerodynamic attributes, on-demand operation of ancillary of regulated oil pump, rear differential with optimised warm-up behavior with reduced rolling resistance           Fuel Consumption EU <sup>2)</sup> With standard wheels and tyres           urban         l/100 km         10.4 (9.3)           inter-urban         l/100 km         6.1 (5.6)           combined         l/100 km         7.7 (7.0)           CO <sub>2</sub> g/km         179 (162)           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         10.7 (9.7)					Performance
Output per litre         kW/I         80.1           Acceleration         0–100 km/h         s         5.0 (4.9)           Top speed         km/h         250 (250)           BMW EfficientDynamics         Brake Energy Regeneration with recuperation display, Electric Power standard features         (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO recoasting function (automatic transmission), intelligent lightweight core optimised aerodynamic attributes, on-demand operation of ancillary of regulated oil pump, rear differential with optimised warm-up behavior with reduced rolling resistance           Fuel Consumption EU <sup>2)</sup> With standard wheels and tyres           urban         l/100 km         10.4 (9.3)           inter-urban         l/100 km         6.1 (5.6)           combined         l/100 km         7.7 (7.0)           CO <sub>2</sub> g/km         179 (162)           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         10.7 (9.7)		6.7 (6.8)	ka/kW	ratio (DIN)	Power-to-weight
Acceleration 0–100 km/h s 5.0 (4.9)  Top speed km/h 250 (250)  BMW EfficientDynamics  BMW EfficientDynamics  Brake Energy Regeneration with recuperation display, Electric Power (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO roasting function (automatic transmission), intelligent lightweight core optimised aerodynamic attributes, on-demand operation of ancillary uregulated oil pump, rear differential with optimised warm-up behavior with reduced rolling resistance  Fuel Consumption EU <sup>2)</sup> With standard wheels and tyres  urban 1/100 km 10.4 (9.3)  inter-urban 1/100 km 6.1 (5.6)  combined 1/100 km 7.7 (7.0)  CO <sub>2</sub> g/km 179 (162)  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), 255/35 R19 (rear),  with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear)  urban 1/100 km 10.7 (9.7)		· · · · · · · · · · · · · · · · · · ·		,	
Top speed km/h 250 (250)  BMW EfficientDynamics  BMW EfficientDynamics  Brake Energy Regeneration with recuperation display, Electric Power (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO recoasting function (automatic transmission), intelligent lightweight corresponding function (automatic transmission), intelligent lightweight corresponding aerodynamic attributes, on-demand operation of ancillary or regulated oil pump, rear differential with optimised warm-up behavior with reduced rolling resistance  Fuel Consumption EU <sup>2)</sup> With standard wheels and tyres  urban   I/100 km 10.4 (9.3)  inter-urban   I/100 km 6.1 (5.6)  combined   I/100 km 7.7 (7.0)  CO <sub>2</sub> g/km 179 (162)  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), 255/35 R19 (rear),  with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear)  urban   I/100 km 10.7 (9.7)		5.0 (4.9)	S	0-100 km/h	
BMW EfficientDynamics  BMW EfficientDynamics  Brake Energy Regeneration with recuperation display, Electric Power (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO recoasting function (automatic transmission), intelligent lightweight competition optimised aerodynamic attributes, on-demand operation of ancillary user regulated oil pump, rear differential with optimised warm-up behavior with reduced rolling resistance  Fuel Consumption EU <sup>2)</sup> With standard wheels and tyres  urban   /100 km			km/h		Top speed
BMW EfficientDynamics standard features  Brake Energy Regeneration with recuperation display, Electric Power (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO recoasting function (automatic transmission), intelligent lightweight comptimised aerodynamic attributes, on-demand operation of ancillary used regulated oil pump, rear differential with optimised warm-up behavior with reduced rolling resistance  Fuel Consumption EU <sup>2)</sup> With standard wheels and tyres  urban   /100 km   10.4 (9.3)  inter-urban   /100 km   6.1 (5.6)  combined   /100 km   7.7 (7.0)  CO <sub>2</sub>   g/km   179 (162)  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), 255/35 R19 (rear)  urban   /100 km   10.7 (9.7)					. 01- 01-00
standard features  (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO recoasting function (automatic transmission), intelligent lightweight conception optimised aerodynamic attributes, on-demand operation of ancillary used regulated oil pump, rear differential with optimised warm-up behavior with reduced rolling resistance    Fuel Consumption EU 2				Dynamics	BMW Efficientl
coasting function (automatic transmission), intelligent lightweight coroptimised aerodynamic attributes, on-demand operation of ancillary use regulated oil pump, rear differential with optimised warm-up behavious with reduced rolling resistance.    Fuel Consumption EU 2)	olay, Electric Power Stee	Brake Energy Regeneration with recuperation display, I		namics	BMW EfficientDy
optimised aerodynamic attributes, on-demand operation of ancillary used regulated oil pump, rear differential with optimised warm-up behavious with reduced rolling resistance.  Fuel Consumption EU 2)  With standard wheels and tyres  urban   1/100 km   10.4 (9.3)  inter-urban   1/100 km   6.1 (5.6)  combined   1/100 km   7.7 (7.0)  CO2   g/km   179 (162)  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   1/100 km   10.7 (9.7)	licator, ECO PRO mode	(EPS), Auto Start Stop function, Optimum Shift Indicato		3	standard features
regulated oil pump, rear differential with optimised warm-up behavious with reduced rolling resistance  Fuel Consumption EU 2)  With standard wheels and tyres  urban   10.4 (9.3)  inter-urban   100 km   6.1 (5.6)  combined   1100 km   7.7 (7.0)  CO2   g/km   179 (162)  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   1/100 km   10.7 (9.7)					
with reduced rolling resistance         Fuel Consumption EU <sup>2)</sup> With standard wheels and tyres         urban       I/100 km       10.4 (9.3)         inter-urban       I/100 km       6.1 (5.6)         combined       I/100 km       7.7 (7.0)         CO <sub>2</sub> g/km       179 (162)         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       I/100 km       10.7 (9.7)			(		
Fuel Consumption EU 2) With standard wheels and tyres urban    1/100 km		•			
With standard wheels and tyres       urban     l/100 km     10.4 (9.3)       inter-urban     l/100 km     6.1 (5.6)       combined     l/100 km     7.7 (7.0)       CO2     g/km     179 (162)       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     10.7 (9.7)	ance	with reduced rolling resistance			
With standard wheels and tyres       urban     l/100 km     10.4 (9.3)       inter-urban     l/100 km     6.1 (5.6)       combined     l/100 km     7.7 (7.0)       CO2     g/km     179 (162)       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     10.7 (9.7)				2)	
urban     I/100 km     10.4 (9.3)       inter-urban     I/100 km     6.1 (5.6)       combined     I/100 km     7.7 (7.0)       CO2     g/km     179 (162)       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     I/100 km     10.7 (9.7)					
inter-urban I/100 km 6.1 (5.6) combined I/100 km 7.7 (7.0)  CO <sub>2</sub> g/km 179 (162)  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 I/100 km 10.7 (9.7)		10.4 (0.0)		neels and tyres	
combined         I/100 km         7.7 (7.0)           CO2         g/km         179 (162)           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           I/100 km         10.7 (9.7)		, ,			
CO <sub>2</sub> g/km 179 (162) 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 1/100 km 10.7 (9.7)		· /			
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   /100 km		· /			
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   /100 km		. ,			
with 8J x 19 wheels (front), 8.5J x 19 (rear) and 225/40 R19 tyres (front), 255/35 R19 (rear) urban   /100 km					
urban 10.7 (9.7)					
				els (front), 8.5.	
inter-urban 1/100 km 6.3 (5.9)					
		, ,			
combined I/100 km 7.9 (7.3)		, ,			
CO <sub>2</sub> g/km 185 (169)		· , ,	g/km		
Emission rating EU6		EU6			Emission rating

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

 $<sup>^{1)}\,</sup>$  Oil change  $^{2)}\,$  Fuel consumption and  $\mathrm{CO}_2$  emissions depend on the selected tyre format

# BMW 4 Series Coupe. 420d.

Rims, front / rear

		BMW 420d Coupe
Body		0.14
No of doors / seats	`	2/4
Length / width / height (unlade	•	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. I	57
Engine oil 1)	<u> </u>	5.0
Weight, unladen, to DIN/EU	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	kg	75 / 75
download	9	
Luggage comp capacity	I	445
Air resistance	cd x A	0.28 x 2.16
All Tesistance	CUXA	0.20 X 2.10
Power Unit		
Config/No of cyls/valves		In-line/4/4
Engine technology		BMW TwinPower Turbo technology: variable-geometry turbocharger,
Engine teermology		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	Id M//ba	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
Datter y/II IStallation	AII/-	compartment
		сотрантен
Driving Dynamics and Safe	etv	
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
		tandard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering
Driving stability systems	5	
		Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function,
Cofety and description		Fading Compensation, Start-Off Assistant
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
	fr	ont passenger, head airbags for 1st and 2nd seat row, three-point inertia-ree
		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		7.5.J x 17 L M

7.5J x 17 LM

			BMW 420d Coupe
			BMW 4200 Coupe
Transmission			
Type of transmis	ssion		6-speed manual (8-speed Steptronic)
Gear ratios	1	:1	4.110 (5.000)
	<u>.</u> 	:1	2.247 (3.200)
	ill	: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	- К	 :1	3.154 (2.813)
rinai unive		.1	3.134 (2.013)
Performance			
Power-to-weight	t 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 Efficient	Dvnamics		
BMW EfficientDy standard feature	,	(EPS), coastir optii	Energy Regeneration with recuperation display, Electric Power Steering Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with an gfunction (automatic transmission), intelligent lightweight construction, mised aerodynamic attributes, on-demand operation of ancillary units, regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance
Fuel Consump	tion FII <sup>2)</sup>		
With standard wh			
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 <sub>2</sub>		a/km	111 (106)
	eels and 225/45	R18 tyres / with	
			25/45 R18 tyres (front), 255/40 R18 (rear),
			25/40 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)
			119 (114)
CO <sub>2</sub>		g/km	1 19 (1 14)

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

 $<sup>^{9}\,</sup>$  Oil change  $^{2}\,$  Fuel consumption and  $\text{CO}_2$  emissions depend on the selected tyre format

# BMW 4 Series Coupe. 420d xDrive.

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		BMW 420d xDrive Coupe
Body No of doors / cooks		014
No of doors / seats	100.100	2/4
Length / width / height (unladen) Wheelbase	mm	4640 / 1825 / 1392
	mm	2810
Track, front / rear	mm	1543 / 1589 145
Ground clearance Turning circle	mm	11.8
Fuel tank capacity	m	57
Engine oil 1)	approx. I	5.0
Weight, unladen, to DIN/EU	kg	
Weight, dilladen, to blivico	Ng	(1560 / 1635)
Max load to DIN	kg	520
Max permissible weight	kg	2060 (2080)
Max axle load, front / rear	kg	995 / 1125
Max trailer load,	ng_	3337 1123
braked (12%) / unbraked	kg	1600 / 750
Max roofload / max towbar	kg	75/75
download	'\9	10110
Luggage comp capacity	1	445
Air resistance	cd x A	0.29 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 Custom		
Electrical System Battery/installation	Ah/-	80 (90) / Luggage
Datter y/II Istallation	AII/-	compartment
		·
<b>Driving Dynamics and Safety</b>		
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	9	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, cross-linking with xDrive all-wheel-
		drive system in the Integrated Chassis Management (ICM)
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
	1	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_	15.1
Tyres, front / rear		225/50 R17 94W
Rims, front / rear		7.5J x 17 LM

			BMW 420d xDrive Coupe
Transmission			
Type of transmis	sion		6-speed manual (8-speed Steptronic)
Gear ratios		:1	4.110 (5.000)
- Courtaines	<u> </u>	:1	2.315 (3.200)
	<u>"</u> 	:1	1.542 (2.143)
	IV 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		3.727 (3.456)
Final drive		 :1	3.154 (2.813)
rinai unve		.1	3.134 (2.013)
Performance			
Power-to-weight	ratio (DIN)	kg/kW	11.0 (11.1)
Output per litre		kW/l	70.2
Acceleration	0-100 km/h	S	7.4 (7.2)
Top speed		km/h	236 (230)
			. ,
<b>BMW EfficientI</b>	Dynamics		
BMW EfficientDy	/namics	Brak	e Energy Regeneration with recuperation display, Electric Power Steering
standard features	3	(EPS	s), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with
		coas	sting function (automatic transmission), intelligent lightweight construction,
		op	otimised aerodynamic attributes, on-demand operation of ancillary units,
		ma	p-regulated oil pump, rear differential with optimised warm-up behaviour,
			tyres with reduced rolling resistance
Fuel Consump			
With standard wh	neels and tyres		
urban		l/100 km	5.3 (5.2)
inter-urban		l/100 km	3.9 (4.0)
combined		l/100 km	4.4 (4.4)
CO <sub>2</sub>		g/km	117 (117)
With 8J x 18 whe			
			225/45 R18 tyres (front), 255/40 R18 (rear),
	els (front), 8.5c		225/40 R19 tyres (front), 255/35 R19 (rear)
urban		l/100 km	5.8 (5.6)
inter-urban		l/100 km	4.1 (4.2)
combined		l/100 km	4.7 (4.7)
CO <sub>2</sub>		g/km	125 (125)
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

 $<sup>\</sup>stackrel{1)}{\sim}$  Oil change Fuel consumption and  $\mathrm{CO}_2$  emissions depend on the selected tyre format

# BMW 4 Series Coupe. 430d.

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		BMW 430d Coupe
		Diww 430d Coupe
Body		
No of doors / seats		2/4
Length / width / height (unlade	en) mm	4640 / 1825 / 1392
Wheelbase	mm	2810
Track, front / rear	mm	1547 / 1593
Ground clearance	mm	130
Turning circle	m	11.3
Fuel tank capacity	approx. I	57
Engine oil 1)	Г	6.5
Weight, unladen, to DIN/EU	kg	1540 / 1615
Max load to DIN	kg	520
		2060
Max permissible weight	kg	985 / 1120
Max axle load, front / rear	kg	98571120
Max trailer load,	kg	1800 / 750
braked (12%) / unbraked		75/75
Max roofload / max towbar	kg	
Luggage comp capacity		445
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: 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		Diesel
Max output	kW/hp	190 / 258
at at	rpm	4000
Max torque	Nm/lb-ft	560/413
at		1500 – 3000
<u>at</u>	rpm	1300 – 3000
Electrical System		
Battery/installation	Ah/-	90 / Luggage
Driving Dynamics and Safe	etv.	
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	S	tandard: 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	fr	Standard: airbags for driver and front passenger, side airbags for driver and ont 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 defect 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

Transmission Type of transmis Gear ratios			BMW 430d Coupe
Type of transmis			
Type of transmis			
Gear ratios			8-speed Steptronic
acai ratios	I	:1	4.714
	II	:1	3.143
	III	:1	2.106
	IV	:1	1.667
	V	:1	1.285
	VI	:1	1.000
	VII	:1	0.839
	VIII	:1	0.667
	R	:1	3.317
Final drive		:1	2.563
Performance			
Power-to-weight	ratio (DIN)	kg/kW	8.1
Output per litre	· · ·	kW/l	63.5
Acceleration	0-100 km/h	S	5.5
Top speed		km/h	250
BMW EfficientI	Dynamics		
BMW EfficientDy			Brake Energy Regeneration with recuperation display, Electric Power Steering
standard features	5		(EPS), Auto Start Stop function, ECO PRO mode with coasting function, intelligent lightweight construction, optimised aerodynamic attributes, ondemand operation of ancillary units, differential with optimised warm-up behaviour, tyres with reduced rolling resistance
Fuel Consumpt	tion FU <sup>2)</sup>		
With standard wh			
urban		l/100 km	5.7
inter-urban		I/100 km	4.5
combined		I/100 km	4.9
CO <sub>2</sub>		g/km	129
	eels and 225/4		/ with winter tyres,
with 8J x 18 whe	els (front), 8.5	J x 18 (rear)	and 225/45 R18 tyres (front), 255/40 R18 (rear),
with 8J x 19 whe	els (front), 8.5.	J x 19 (rear)	and 225/40 R19 tyres (front), 255/35 R19 (rear)
urban		l/100 km	5.9
inter-urban		l/100 km	4.6
combined		l/100 km	5.1
CO <sub>2</sub>		g/km	134
			EU6

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

 $<sup>\</sup>stackrel{1)}{\sim}$  Oil change  $\stackrel{2)}{\sim}$  Fuel consumption and  $\mathrm{CO}_2$  emissions depend on the selected tyre format

# BMW 4 Series Coupe. 430d xDrive.

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		BMW 430d xDrive Coupe
Body		2/4
No of doors / seats		<del></del>
Length / width / height (unladen)		4640 / 1825 / 1392
Wheelbase	mm	2810
Track, front / rear	mm	1543 / 1589
Ground clearance	mm	145
Turning circle	m	11.8
Fuel tank capacity	approx. I	57
Engine oil 1)		6.5
Weight, unladen, to DIN/EU	kg	1615 / 1690
Max load to DIN	kg	520
Max permissible weight	kg	2135
Max axle load, front / rear	kg	1040 / 1135
Max trailer load,	kg	
braked (12%) / unbraked		1800 / 750
Max roofload / max towbar	kg	75 / 75
Luggage comp capacity	- 1	445
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: variable-geometry turbocharger,
3		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		Diesel
Max output	kW/hp	190 / 258
at	rpm	4000
Max torque	Nm/lb-ft	560/413
at	rpm	1500 – 3000
<u>at</u>	тртт	1000 0000
Electrical System		
Battery/installation	Ah/-	90 / Luggage
Battorymistanation	7 (1)	
Driving Dynamics and Safet	v	
Suspension, front	,	Aluminium double-joint spring strut axle with displaced camber, small positive
edaperision, none		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
Driving stability systems	`	Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function,
		Fading Compensation, Start-Off Assistant, cross-linking with xDrive all-wheel-
		drive system in the Integrated Chassis Management (ICM)
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 defect indicator
Steering		Electric Power Steering (EPS)
		with Servotronic function; optional: Variable Sport Steering
Steering ratio, overall	:1	15.1
Tyres, front / rear		225/50 R17 94W

			BMW 430d xDrive Coupe
Transmission			
Type of transm	-		8-speed automatic transmission with Steptronic
Gear ratios		:1	4,714
deal ratios	<u>'</u> 	:1	3.143
		:1	2.106
	IV	:1	1.667
	V	:1	1.285
	VI	:1	1.000
	VII	:1	0.839
	VIII	:1	0.667
	R	:1	3.317
Final drive		:1	2.563
ı ırıaı urive		.1	2,303
Performance			
Power-to-weigh	ht ratio (DIN)	kg/kW	8.5
Output per litre	)	kW/l	63.5
Acceleration	0–100 km/h	S	5.2
Top speed		km/h	250
BMW Efficien	tDynamias		
BMW Efficient[			Brake Energy Regeneration with recuperation display, Electric Power Steering
standard featur	,		(EPS), Auto Start Stop function, ECO PRO mode with coasting function,
Staridard reatur	03		intelligent lightweight construction, optimised aerodynamic attributes, on-
			demand operation of ancillary units, rear differential with optimised warm-up
			behaviour, tyres with reduced rolling resistance
Fuel Consum	ntion FII <sup>2)</sup>		
	wheels and tyres		
urban		1/100	6.0
inter-urban		1/100	4.8
combined		1/100	5.2
CO <sub>2</sub>		g/km	137
	heels and 225/45		s / with winter tyres,
			and 225/45 R18 tyres (front), 255/40 R18 (rear),
with 8J x 19 wh	neels (front), 8.5J	x 19 (rear)	and 225/40 R19 tyres (front), 255/35 R19 (rear)
urban		1/100	6.2
inter-urban		1/100	4.9
combined		1/100	5.4
CO <sub>2</sub>		g/km	142
Emission rating	1		EU6

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

 $<sup>\</sup>stackrel{1)}{\sim}$  Oil change  $\stackrel{2)}{\sim}$  Fuel consumption and  $\mathrm{CO}_2$  emissions depend on the selected tyre format

# BMW 4 Series Coupe. 435d xDrive.

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		BMW 435d xDrive Coupe
Body		2/4
No of doors / seats	,	<del></del>
Length / width / height (unlade	n) mm	4640 / 1825 / 1392
Wheelbase	mm	2810
Track, front / rear	mm	1543 / 1589
Ground clearance	mm	145
Turning circle	m	11.8
Fuel tank capacity	approx. I	57
Engine oil 1)	1	6.5
Weight, unladen, to DIN/EU	kg	1625 / 1700
Max load to DIN	kg	520
Max permissible weight	kg	2145
Max axle load, front / rear	kg	1050 / 1135
Max trailer load,	kg	
braked (12%) / unbraked	ı.g	1800 / 750
Max roofload / max towbar	kg	75 / 75
	ng I	445
Luggage comp capacity  Air resistance		0.30 x 2.16
All resistance	cd x A	0.30 X 2.10
Power Unit		
Config/No of cyls/valves		R/6/4
Engine technology		BMW TwinPower Turbo technology: multi-stage high-pressure turbocharging
ge teee.egy		vith variable turbine geometry, common-rail direct injection with piezo injectors
		max. injection pressure: 2000 bar
Effective capacity	CC	2993
Stroke / bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
	Id M//ba	
Max output	kW/hp	230 / 313
at	rpm	4400 630/464
Max torque	Nm/lb-ft	
at	rpm	1500 – 2500
Electrical System		
Battery/installation	Ah/–	90 / Luggage
Driving Dynamics and Safe		
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, cross-linking with xDrive all-wheel-
		drive system in the Integrated Chassis Management (ICM)
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
Safety equipment	1	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 defect indicator
Steering		Electric Power Steering (EPS)
Otooning		with Servotronic function; optional: Variable Sport Steering
Steering ratio, overall	:1	15.1
Tyres, front / rear	.1	225/50 R17 94W
Rims, front / rear		7.5J x 17 LM

			BMW 435d xDrive Coupe
Transmission			
Type of transmis	sion		8-speed automatic transmission with Steptronic
Gear ratios	I	:1	4,714
	11	:1	3.143
	III	:1	2.106
	IV	:1	1,667
	V	:1	1.285
	VI	:1	1,000
	VII	:1	0,839
	VIII	:1	0.667
	R	:1	3.317
Final drive		:1	2.563
Performance			
Power-to-weight	t ratio (DIN)	kg/kW	7.1
Output per litre	, ,	kW/l	76.8
Acceleration	0–100 km/h	S	4.7
Top speed		km/h	250
BMW Efficient	Dvnamics		
BMW EfficientDy standard feature	,		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, rear differential with optimised warm-up behaviour, tyres with reduced rolling resistance
Fuel Consump	tion FII <sup>2)</sup>		
With standard w			
urban	noolo ana tyroo	l/100 km	6.4
inter-urban		1/100 km	4.9
combined		1/100 km	5.4
CO <sub>2</sub>		g/km	143
	eels and 225/4		s / with winter tyres,
with 8J x 18 whe	eels (front), 8.50	J x 18 (rear)	and 225/45 R18 tyres (front), 255/40 R18 (rear), and 225/40 R19 tyres (front), 255/35 R19 (rear)
urban	,5.5 (115/11), 5.50	1/100 km	6.6
inter-urban		1/100 km	5.0
			5.6
combined		1/100 km	5.0 147
CO <sub>2</sub>		g/km	
Emission rating			EU6

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

 $<sup>^{1)}</sup>$  Oil change  $^{2)}$  Fuel consumption and  $\mathrm{CO}_2$  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. I	60	60
Engine oil 1)	арргол. г	5.25	5.25
Weight, unladen, to DIN/EU	kg		1710 / 1785
Weight, unladen, to blive	Ng	(1715 / 1790)	(1735 / 1810)
Max load to DIN	kg	470	460
Max permissible weight		2170 (2185)	
	kg	, ,	2170 (2195)
Max axle load, front / rear	kg	960 / 1250	965 / 1255
Max trailer load,	kg	1400 (1500) (205	1600 1745
braked (12%) / unbraked	1	1400 (1500) / 695	1600 / 745
Max roofload / max towbar	kg	-175	- <i>l</i> 75
download		072	
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	
<b>3</b>		Precision Direct Injection, VALVETRONIC  Double-VANOS variable ca	fully variable valve control und
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
			350/258
Max torque	Nm/lb-ft	290/214 (270/199) 1350 – 4600	
at	rpm	1350 – 4600	1450 – 4800
Electrical System			
Battery/installation	Ah/–	90 / Luggage compartment	90 / Luggage compartment
Driving Dynamics and Safet	у		
Suspension, front		Aluminium double-joint spring strut axle with	displaced camber, small positive
		steering roll radius, traverse force c	ompensation, anti-dive
Suspension, rear		Five-link axle in lightweigh	t construction
Brakes, front		Single-piston floating-calliper d	isc brakes / vented
Brakes, rear		Single-piston floating-calliper d	isc brakes / vented
Driving stability systems	5	Standard: DSC incl. ABS, ASC and DTC (Dyn	
		Brake Control (CBC), Dynamic Brake Control	, , , , , , , , , , , , , , , , , ,
Cofety and demand		Fading Compensation, Star	
Safety equipment		Standard: airbags for driver and front passenge cassenger combined with head airbags, three	
	ŀ	seats, integrated at the front with belt tensio	
		sensors, rollover protection system	
Steering		Electric Power Steeri	
Steering			• • •
Steering ratio, overall	:1	with Servotronic function; optional: 15.0	
	- 11	225/50 R17 94W	225/50 P17 99M/ VI
Tyres, front / rear Rims, front / rear		7.5J x 17 LM	225/50 R17 98W XL 7.5J x 17 LM
rviirio, ITOTIL / Tedl		7.3J X 17 LIVI	/.JJ X I / LIVI

			BMW 420i Convertible	BMW 430i Convertible
Transmission				
Type of transmi	ission		6-speed manual (optional: 8-sp	eed Steptronic)
Gear ratios		:1	4.002 (5.000)	3.683 (5.000)
	l l	: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-weigh	nt 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 Efficient	tDynamics			
BMW EfficientD	Dynamics	Bra	ke Energy Regeneration with recuperation	display, Electric Power Steering
standard feature	es	(EPS	S), Auto Start Stop function, Optimum Shift	Indicator, ECO PRO mode with
		coa	sting function (automatic transmission), inte	elligent lightweight construction,
			mised aerodynamic attributes, on-demand	
		reg	julated oil pump, differential with optimised	
			reduced rolling resis	tance
Fuel Consump	otion EII <sup>2)</sup>			
With standard w				
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 <sub>2</sub>		g/km	145 (136)	154 (138)
With 8J x 18 wh	neels and 225/4	5 R18 tyres / w	ith winter tyres,	
with 8J x 18 wh	eels (front), 8.50	l x 18 (rear) and	d 225/45 R18 tyres (front), 255/40 R18 (rea	r),
with 8J x 19 wh	eels (front), 8.5	l x 19 (rear) and	d 225/40 R19 tyres (front), 255/35 R19 (rea	r)
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 <sub>2</sub>		g/km	153 (144)	162 (146)
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

 $<sup>\</sup>stackrel{1)}{\sim}$  Oil change  $^{2)}$  Fuel consumption and  $\mathrm{CO}_2$  emissions depend on the selected tyre format

## BMW 4 Series Convertible. 430i xDrive.

		BMW 430i xDrive
		Convertible
Body		
No of doors / seats		2/4
Length / width / height (unlade	en) mm	4640 / 1825 / 1399
Wheelbase	mm	2810
Track, front / rear	mm	1543 / 1593
Ground clearance	mm	145
Turning circle	m	11.8
Fuel tank capacity	approx. I	60
Engine oil 1)	арргол. і	5.25
Weight, unladen, to DIN/EU	kg	1805 / 1880
Max load to DIN	kg	450
Max permissible weight	kg	2255
Max axle load, front / rear		1035 / 1255
	kg	10337 1233
Max trailer load,	kg	1700 / 750
braked (12%) / unbraked Max roofload / max towbar	le.	1700 / 750 / 75
download / max towbar	kg	-1/3
		370
Luggage comp capacity  Air resistance	· · · · · · · · · · · · · · · · · · ·	
Air resistance	cd x A	0.31 x 2.16
Power Unit		
Config/No of cyls/valves		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
Stroke / bore	mm	94.6 / 82.0
Compression ratio	:1	10.2
Fuel		RON 90 – 98
Recommended fuel		RON 95
Max output	kW/hp	185 / 252
at	rpm	5200
Max torque	Nm/lb-ft	350/258
at	rpm	1450 – 4800
<u>at</u>	трпп	1430 4000
Electrical System		
Battery/installation	Ah/-	90 / Luggage
		compartment
Driving Dynamics and Safe	atu.	
Suspension, front		Aluminium double-joint spring strut axle with displaced camber, small positive
a a a parametry in onit	,	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	Ş	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering
2g ctabty cycteries		Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function,
		Fading Compensation, Start-Off Assistant, cross-linking with xDrive
		all-wheel-drive system
Safety equipment	S	tandard: airbags for driver and front passenger, side airbags for driver and fron
		passenger combined with head airbags, three-point inertia-reel seatbelts on all
	٢	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)
otooning .		with Servotronic function; optional: Variable Sport Steering
Steering ratio, overall	:1	15.0
Tyres, front / rear	.,	225/50 R17 98W XL
. j. 55, 11011c / 1001		225,50 TO TO THE

7.5J x 17 LM

Rims, front / rear

			BMW 430i xDrive
			Convertible
Transmission	1		
Type of transm	nission		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-weigh	ht ratio (DIN)	kg/kW	9.8
Output per litre		kW/l	92.6
Acceleration	0–100 km/h	S	6.4
Top speed		km/h	250
BMW Efficien			
BMW Efficient[ standard featur	,		Brake Energy Regeneration with recuperation display, Electric Power Steering
Staridard leatur	es		(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, rear differential
			with optimised warm-up behaviour, tyres with reduced rolling resistance
			with optimised warm up behaviour, tyres with reduced foiling resistance
Fuel Consum	ption EU 2)		
With standard v	wheels and tyres	3	
urban		I/100 km	8.1
inter-urban		I/100 km	5.4
combined		I/100 km	6.4
CO <sub>2</sub>		g/km	149
			s / with winter tyres,
			and 225/45 R18 tyres (front), 255/40 R18 (rear),
	neels (front), 8.5		and 225/40 R19 tyres (front), 255/35 R19 (rear)
urban		I/100 km	8.5
inter-urban		I/100 km	5.7
combined		l/100 km	6.7
CO <sub>2</sub>		g/km	156
Emission rating	3		EU6

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

 $<sup>^{1)}</sup>$  Oil change  $^{2)}$  Fuel consumption and  $\text{CO}_2$  emissions depend on the selected tyre format

## BMW 4 Series Convertible. 440i.

		BMW 440i Convertible
Body		0.14
No of doors / seats		2/4
Length / width / height (unlade		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. I	60
Engine oil 1)		6.5
Weight, unladen, to DIN/EU	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,	kg	
braked (12%) / unbraked		1700 / 750
Max roofload / max towbar	kg	-175
download		
Luggage comp capacity	I	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
3		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		1380 – 5000
αι	rpm	1380 - 3000
Electrical System		
Battery/installation	Ah/–	90 / Luggage
		compartment
Driving Dynamics and Saf	etv	
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
Driving stability systems	· ·	Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function,
		Fading Compensation, Start-Off Assistant
Safety equipment		tandard: airbags for driver and front passenger, side airbags for driver and front
		bassenger 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 transmis	sion		8-speed Steptronic
Gear ratios	I	:1	5.000
	ll l	: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	Tatio (Dil 1)	kW/l	80.1
Acceleration	0–100 km/h	S	5.4
Top speed	0-100 KIII/II	km/h	250
тор эреси		KITI/II	250
BMW EfficientI	Dynamics		
BMW EfficientDy	/namics		Brake Energy Regeneration with recuperation display, Electric Power Steering
standard features	5		(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 Consumpt			
With standard wh	neels and tyres		
urban		I/100 km	9.1
inter-urban		I/100 km	5.5
combined		I/100 km	6.8
CO <sub>2</sub>		g/km	159
			s / with winter tyres,
			) and 225/45 R18 tyres (front), 255/40 R18 (rear),
	els (front), 8.5J		) and 225/40 R19 tyres (front), 255/35 R19 (rear)
urban		I/100 km	9.5
inter-urban		I/100 km	5.8
combined		I/100 km	7.2
CO <sub>2</sub>		g/km	167
Emission rating			EU6

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

 $<sup>^{1)}\,</sup>$  Oil change  $^{2)}\,$  Fuel consumption and  $\text{CO}_2$  emissions depend on the selected tyre format

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### BMW 4 Series Convertible. 440i xDrive.

		BMW 440i xDrive
		Convertible
Body		
No of doors / seats		2/4
Length / width / height (unladen)	) mm	4640 / 1825 / 1399
Wheelbase	mm	2810
Track, front / rear	mm	1543 / 1593
Ground clearance	mm	145
Turning circle	m	11.8
Fuel tank capacity	approx. I	60
Engine oil 1)	прргод. 1	6.5
Weight, unladen, to DIN/EU	kg	1850 / 1925
Max load to DIN	kg	450
Max permissible weight	kg	2300
Max axle load, front / rear	kg	1075 / 1255
Max trailer load,	ka	10737 1233
braked (12%) / unbraked	ĸÿ	1800 / 750
Max roofload / max towbar	kg	-175
download	ĸy	-113
Luggage comp capacity	1	370
Air resistance	cd x A	0.31 x 2.16
All resistance	CUXA	0.51 X Z.10
Power Unit		
Config/No of cyls/valves		R/6/4
Engine technology		BMW TwinPower Turbo technology with TwinScroll turbocharger, High
3		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 Safet		
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, cross-linking with
		xDrive all-wheel-drive system

Safety equipment

Steering ratio, overall

Tyres, front / rear Rims, front / rear :1

Steering

xDrive all-wheel-drive system
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

Electric Power Steering (EPS) with Servotronic function; optional: Variable Sport Steering

15.1 225/50 R17 98W XL

7.5J x 17 LM

			BMW 440i xDrive
			Convertible
Transmission			
Type of transmi			8-speed Steptronic
Gear ratios	1	: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
Df			
Performance Power-to-weigh	at ratio (DINI)	kg/kW	7.7
Output per litre		kW/l	80.1
Acceleration			
	0–100 km/h	S I was //a	5.4
Top speed		km/h	250
BMW Efficien	tDvnamics		
BMW Efficient			Brake Energy Regeneration with recuperation display, Electric Power Steering
standard feature	es		(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, rear differential
			with optimised warm-up behaviour, tyres with reduced rolling resistance
	=2)		
Fuel Consump With standard v			
urban	villeels allu tyles	l/100 km	9.8
inter-urban		1/100 km	9.8 5.8
combined		1/100 km	7.3
CO <sub>2</sub>			7.3 169
		g/km	
			/ with winter tyres,
			and 225/45 R18 tyres (front), 255/40 R18 (rear), and 225/40 R19 tyres (front), 255/35 R19 (rear)
	ieeis (ironit), 8.5.	1/100 km	10.3
urban			
inter-urban		I/100 km	6.1
combined		I/100 km	7.6
CO <sub>2</sub>		g/km	177
Emission rating			EU6

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

 $<sup>^{1)}</sup>$  Oil change  $^{2)}$  Fuel consumption and  $\text{CO}_2$  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. I	57
Engine oil 1)	прртож 1	5.0
Weight, unladen, to DIN/EU	kg	1700 / 1775
110.g.n., a.maas.n, to 2 12.2	9	(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,	kg	
braked (12%) / unbraked	3	1600 / 745
Max roofload / max towbar	kg	- <i>1</i> 75
Luggage comp capacity	Ī	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,
3		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	S	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	f	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 transmi	ission		6-speed manual (optional: 8-speed Steptronic)
Gear ratios	<u> </u>	: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-weigh	nt 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 Efficien	tDvnamics		
BMW EfficientD			Brake Energy Regeneration with recuperation display, Electric Power Steering
standard feature	,		(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, mapregulated oil pump, differential with optimised-warm-up behaviour, tyres with reduced rolling resistance
Fuel Consum	ntion FII <sup>2)</sup>		
	vheels and tyres		
urban	11.00.0 di la 19100	l/100 km	5.7 (5.2)
inter-urban		I/100 km	4.3 (3.9)
combined		1/100 km	4.8 (4.4)
CO <sub>2</sub>		g/km	127 (116)
With 8J x 18 wh	eels (front), 8.5	5 R18 tyre: J x 18 (rear	s / with winter tyres, ) and 225/45 R18 tyres (front), 255/40 R18 (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 <sub>2</sub>		g/km	134 (124)

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

Emission rating

 $<sup>^{1)}\,</sup>$  Oil change  $^{2)}\,$  Fuel consumption and  $\mathrm{CO}_2$  emissions depend on the selected tyre format

## BMW 4 Series Convertible. 430d.

		BMW 430d 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. I	57
Engine oil 1)		6.5
Weight, unladen, to DIN/EU	kg	1770 / 1845
Max load to DIN	kg	450
Max permissible weight	kg	2220
Max axle load, front / rear	kg	1025 / 1230
Max trailer load,	kg	
braked (12%) / unbraked		1800 / 750
Max roofload / max towbar	kg	-175
Luggage comp capacity	I	370
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: 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		Diesel
Max output	kW/hp	190 / 258
at	rpm	4000
Max torque	Nm/lb-ft	560/413
at	rpm	1500 – 3000
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
		THOO A TY LIVE

			BMW 430d Convertible
Transmission			
Type of transmiss	sion		8-speed Steptronic
Gear ratios		:1	4,714
acai ratios	<u>'</u>	:1	3.143
	<u>"</u>	:1	2.106
	IV	:1	1.667
	V	:1	1.285
	VI	:1	1.000
	VII	:1	0.839
	VIII	:1	0.667
	R	:1	3.317
Final drive	K	:1	2.563
rinai drive		:1	2.303
Performance			
Power-to-weight	ratio (DIN)	kg/kW	9.3
Output per litre		kW/l	63.5
Acceleration	0-100 km/h	S	5.9
Top speed		km/h	250
BMW Efficient	Ovnamics		
BMW EfficientDy 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, ondemand operation of ancillary units, differential with optimised warm-up behaviour, tyres with reduced rolling resistance
Fuel Consumpt	tion Ell <sup>2)</sup>		
With standard wh			
urban		l/100 km	6.1
inter-urban		I/100 km	4.8
combined		1/100 km	5.3
CO <sub>2</sub>		g/km	139
2	els and 225/4		s / with winter tyres,
			and 225/45 R18 tyres (front), 255/40 R18 (rear),
			and 225/40 R19 tyres (front), 255/35 R19 (rear)
urban		l/100 km	6.3
inter-urban		I/100 km	5.0
combined		1/100 km	5.5
		g/km	144
CO <sub>2</sub>			

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

 $<sup>^{1)}\,</sup>$  Oil change  $^{2)}\,$  Fuel consumption and  $\mathrm{CO}_2$  emissions depend on the selected tyre format

# BMW 4 Series Convertible. 435d xDrive.

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		BMW 435d xDrive Convertible	
Body		2/4	
No of doors / seats	.\		
Length / width / height (unlader		4640 / 1825 / 1399	
Wheelbase	mm	2810	
Track, front / rear	mm	1543 / 1593	
Ground clearance	mm	145	
Turning circle	m	11.8	
Fuel tank capacity	approx. I	57	
Engine oil 1)		6.5	
Weight, unladen, to DIN/EU	kg	1850 / 1925	
Max load to DIN	kg	440	
Max permissible weight	kg	2290	
Max axle load, front / rear	kg	1095 / 1230	
Max trailer load,	kg		
braked (12%) / unbraked	9	1800 / 750	
Max roofload / max towbar	kg	-175	
Luggage comp capacity	1.9	370	
Air resistance	cd x A	0.30 x 2.16	
All resistance	CUAA	0.00 x 2.10	
Power Unit			
Config/No of cyls/valves		R/6/4	
Engine technology		BMW TwinPower Turbo technology: multi-stage high-pressure turbocharging	
3		with variable turbine geometry, common-rail direct injection	
		with piezo injectors, max. injection pressure: 2000 bar	
Effective capacity	CC	2993	
Stroke / bore	mm	90.0 / 84.0	
Compression ratio	:1		
Fuel		Diesel	
Max output	kW/hp	230/313	
at	rpm	4400	
Max torque	Nm/lb-ft	630/464	
at	rpm	1500 – 2500	
<u>at</u>	трпп	1300 2300	
Electrical System			
Battery/installation	Ah/-	90 / Luggage	
Database Damanda and Cafe	<b>.</b>		
Driving Dynamics and Safe	ty	Alternative devices in the second of the sec	
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, cross-linking with xDrive all-wheel-	
		drive system in the Integrated Chassis Management (ICM)	
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and	
Salety equipment		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)	
Cooning		with Servotronic function; optional: Variable Sport Steering	
Steering ratio, overall	:1	15.1	
Tyres, front / rear		225/50 R17 94W	
Rims, front / rear		7.5J x 17 LM	
Tarrio, HOHE / Tedl		I I OU A I I LIVI	

Transmission Type of transmissic Gear ratios  Final drive	on IIIIIVVVVVIVIIVVIIIR	:1 :1 :1 :1 :1 :1 :1	8-speed Steptronic 4.714 3.143 2.106 1.667 1.285 1.000 0.839		
Type of transmission Gear ratios		:1 :1 :1 :1 :1 :1	4.714 3.143 2.106 1.667 1.285 1.000 0.839		
Gear ratios		:1 :1 :1 :1 :1 :1	4.714 3.143 2.106 1.667 1.285 1.000 0.839		
		:1 :1 :1 :1 :1 :1	3.143 2.106 1.667 1.285 1.000 0.839		
Final drive	III IV V VI VIII	:1 :1 :1 :1 :1 :1	2.106 1.667 1.285 1.000 0.839		
Final drive	IV V VI VII	:1 :1 :1 :1 :1	1.667 1.285 1.000 0.839		
Final drive	V VI VII VIII	:1 :1 :1 :1	1.285 1.000 0.839		
Final drive	VI VII VIII	:1	1.000 0.839		
Final drive	VII	:1 :1	0.839		
Final drive	VIII	:1			
Final drive			0.667		
Final drive	R		0.667		
Final drive		:1	3.317		
		:1	2.563		
Performance					
Power-to-weight ra	tio (DIN)	kg/kW	8.0		
Output per litre		kW/l	76.8		
Acceleration 0	–100 km/h	S	5.2		
Top speed		km/h	250		
<b>BMW EfficientDy</b>	namics				
BMW EfficientDyna	amics		Brake Energy Regeneration with recuperation display, Electric Power Steering		
standard features			(EPS), Auto Start Stop function, ECO PRO mode with coasting function,		
			intelligent lightweight construction, optimised aerodynamic attributes, on- demand operation of ancillary units, rear differential with optimised warm-up		
			behaviour, tyres with reduced rolling resistance		
			benaviour, tyree with reduced reming reductance		
Fuel Consumption	<b>=</b> 112)				
With standard whee					
urban		l/100 km	6.8		
inter-urban		1/100 km	5.2		
			5.7		
combined		I/100 km			
CO <sub>2</sub> With 8J x 18 wheels	o and 225/45	g/km	-		
			and 225/45 R18 tyres (front), 255/40 R18 (rear),		
			and 225/40 R19 tyres (front), 255/35 R19 (rear)		
urban	. ,,	1/100 km	7.0		
inter-urban		1/100 km	5.3		
combined		1/100 km	5.9		
CO <sub>2</sub>		g/km	155		
Emission rating		yınılı			

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

 $<sup>^{1)}\,</sup>$  Oil change  $^{2)}\,$  Fuel consumption and  $\mathrm{CO}_2$  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 (unlade	en) 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. I	60	60	
Engine oil 1)	Г	5.25	5.25	
Weight, unladen, to DIN/EU	kg	1520 / 1595	1520 / 1595	
rreigni, amaden, te zirtize	9	(1540 / 1615)	(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,	kg	0.07.12.10	5557 1215	
braked (12%) / unbraked	1.9	1400 (1500) / 695	1600 / 745	
Max roofload / max towbar	kg	75 / 75	75 / 75	
download	1.9	70773	.3773	
Luggage comp capacity	1	480 – 1300	480 – 1300	
Air resistance	cd x A	0.29 x 2.16	0.29 x 2.16	
7 III TOSISTATIOS		0.23 x 2.10	0.23 x 2.10	
Power Unit				
Config/No of cyls/valves		In-line/4/4	In-line/4/4	
Engine technology		BMW TwinPower Turbo technology with 1	TwinScroll turbocharger, High	
	Precision Direct Injection, VALVETRONIC fully variable valve cor 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	
<u>Dattory/installation</u>	7 4 1	30 / Edggago domparamone	307 Edggage compartment	
Driving Dynamics and Safe	etv			
Suspension, front		luminium double-joint spring strut axle with	displaced camber, small positive	
• •		steering roll radius, traverse force co	ompensation, anti-dive	
Suspension, rear		Five-link axle in lightweight	<u>'</u>	
Brakes, front		Single-piston floating-calliper di		
Brakes, rear		Single-piston floating-calliper di		
Driving stability systems	St	andard: DSC incl. ABS, ASC and DTC (Dyna		
g -1, -, -, -1	Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function,			
		Fading Compensation, Star		
Safety equipment	Sta	andard: airbags for driver and front passenge		
	passenger, head airbags for 1st and 2nd seat row, three-point inertia-reel belts			
		on all seats, integrated at the front with belt t	•	
	_	crash sensors, tyre pressi		
Steering		Electric Power Steering		
3		with Servotronic function; optional: \		
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 transmi			6-speed manual (optional: 8-sp	· · · · · · · · · · · · · · · · · · ·
Gear ratios	l	: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-weigh	nt 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 Efficient	tDynamics			
BMW EfficientD	ynamics	Br	ake Energy Regeneration with recuperation of	display, Electric Power Steering
standard feature	es		PS), Auto Start Stop function, Optimum Shift	
			asting function (automatic transmission), inte	
			timised aerodynamic attributes, on-demand o	
		re	egulated oil pump, differential with optimised-	
			reduced rolling resist	ance
Fuel Consump	otion EU 2)			
With standard w				
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 <sub>2</sub>		g/km	134 (127)	143 (129)
With 8J x 18 wh	neels and 225/4	5 R18 tvres / v	with winter tyres,	,
			nd 225/45 R18 tyres (front), 255/40 R18 (rea	r).
			nd 225/40 R19 tyres (front), 255/35 R19 (rea	
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 <sub>2</sub>		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

 $<sup>\</sup>stackrel{1)}{\sim}$  Oil change Fuel consumption and  $\mathrm{CO}_2$  emissions depend on the selected tyre format

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

		BMW 420i xDrive Gran Coupe	BMW 430i xDrive Gran Coupe
Body			
No of doors / seats		4/5	4/5
Length / width / height (unlader	n) mm	4640 / 1825 / 1404	4640 / 1825 / 1404
Wheelbase	mm	2810	2810
Track, front / rear	mm	1543 / 1592	1543 / 1592
Ground clearance	mm	145	145
Turning circle	m	11.8	11.8
Fuel tank capacity	approx. I	60	60
Engine oil 1)	І	5.25	5.25
Weight, unladen, to DIN/EU	kg	1600 / 1675	1615 / 1690
Wolgin, amadon, to bit web	Ng.	(1615 / 1690)	10107 1030
Max load to DIN	kg	560	560
Max permissible weight	kg	2160 (2175)	2175
Max axle load, front / rear	kg	995 / 1230	995 / 1230
Max trailer load,	kg	3337 1200	3337 1200
braked (12%) / unbraked	Ng	1700 / 750	1700 / 750
Max roofload / max towbar	kg	75 / 75	75 / 75
download	Ng	13113	73773
Luggage comp capacity		480 – 1300	480 – 1300
Air resistance	cd x A	0.30 x 2.16	0.30 x 2.16
7 11 10010141100	OG X71	0.00 X 2.110	0.00 X 2.110
Power Unit			
Config/No of cyls/valves		In-line/4/4	In-line/4/4
Engine technology		BMW TwinPower Turbo technology wi Precision Direct Injection, VALVETRON Double-VANOS variable	NIC fully variable valve control und e 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	270/199	350/258
at	rpm	1350 – 4600	1450 – 4800
Electrical System			
Battery/installation	Ah/–	90 / Luggage compartment	90 / Luggage compartment
Driving Dynamics and Safe	<b>.</b>		
Suspension, front		Aluminium double-joint spring strut axle w steering roll radius, traverse forc	
Suspension, rear		Five-link axle in lightwe	ight construction
Brakes, front		Single-piston floating-callipe	er disc brakes / vented
Brakes, rear		Single-piston floating-callipe	
Driving stability systems	St	tandard: DSC incl. ABS, ASC and DTC (D	
ziiiiig ataziiity ayataiiia	0.	Brake Control (CBC), Dynamic Brake Co	
		Fading Compensation, Start-Off	
		xDrive all-wheel-d	,
Safety equipment	St	andard: airbags for driver and front passe	
		assenger, head airbags for 1st and 2nd s	
	(	on all seats, integrated at the front with b	
		crash sensors, tyre pr	
Steering		Electric Power Ste	J . ,
		with Servotronic function; option	
Steering ratio, overall	:1	15.1	15.1
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 xDrive Gran Coupe	BMW 430i xDrive Gran Coupe
Transmission				
Type of transmis	sion		6-speed manual	8-speed Steptronic
			(optional: 8-speed Steptronic)	
Gear ratios	I	:1	4.110 (5.000)	5.000
	II	:1	2.315 (3.200)	3.200
	III	:1	1.542 (2.143)	2.143
	IV	:1	1.179 (1.720)	1.720
	V	:1	1.000 (1.314)	1.314
	VI	:1	0.846 (1.000)	1.000
	VII	:1	- (0.822)	0.822
	VIII	:1	- (0.640)	0.640
	R	:1	3.727 (3.456)	3.456
Final drive		:1	3.385 (2.813)	2.813
Performance				
Power-to-weight	ratio (DIN)	kg/kW	11.9 (12.0)	8.7
Output per litre		kW/l	67.6	92.6
Acceleration	0-100 km/h	S	7.8 (8.1)	5.9
Top speed		km/h	233 (231)	250
BMW Efficient	Dynamics			
BMW EfficientDy	namics	В	rake Energy Regeneration with recupera	tion display, Electric Power Steering
standard features	3		(EPS), Auto Start Stop function, Optimu	m Shift Indicator (manual gearbox),
			ECO PRO mode with coasting function (	automatic transmission), intelligent
			lightweight construction, optimised aer	odynamic attributes, on-demand
			operation of ancillary units, map-regula	
			optimised warm-up behaviour, tyres	with reduced rolling resistance
Fuel Consumpt	tion Ell <sup>2)</sup>			
With standard wh				
urban	iceis and tyres	l/100 km	8.7 (7.7)	7.5
inter-urban		1/100 km	5.4 (4.8)	5.0
combined		1/100 km	6.6 (5.9)	5.9
CO <sub>2</sub>			154 (137)	
	ale and OOF/45	g/km	with winter tyres,	130
			and 225/45 R18 tyres (front), 255/40 R18	(roor)
			and 225/40 R19 tyres (front), 255/35 R19	
urban	0.00	1/100 km	9.0 (8.1)	7.8
inter-urban		1/100 km	5.7 (5.1)	5.2
combined		1/100 km	6.9 (6.2)	6.2
CO <sub>2</sub>		g/km	161 (144)	144
Emission rating		y/NIII	EU6	EU6
LITIISSIUITTAUTIG			EU0	EUb

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight) BMW 420i xDrive Gran Coupe: Figures in brackets apply to models with automatic transmission

 $<sup>^{1)}</sup>$  Oil change  $^{2)}$  Fuel consumption and  $\mathrm{CO}_2$  emissions depend on the selected tyre format

#### BMW 4 Series Gran Coupe. 440i.

		BMW 440i Gran Coupe
Dadu		
Body No of deers / seets		4/5
No of doors / seats  Length / width / height (unlade		4640 / 1825 / 1389
Wheelbase	en) mm mm	2810
Track, front / rear		1545 / 1592
Ground clearance	mm mm	130
Turning circle	m	11.3
Fuel tank capacity	approx. I	60
Engine oil 1)	арргол. і	6.5
Weight, unladen, to DIN/EU	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,	kg	100011200
braked (12%) / unbraked	ι·g	1700 / 750
Max roofload / max towbar	kg	75 / 75
download	9	767.76
Luggage comp capacity	1	480 – 1300
Air resistance	cd x A	0.29 x 2.16
7 III TOSISTATIO		OLO X ETTO
Power Unit		
Config/No of cyls/valves		R/6/4
Engine technology		BMW TwinPower Turbo technology with TwinScroll turbocharger, High
g		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
<b>Driving Dynamics and Safe</b>	ety	
Suspension, front	A	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	S	tandard: 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		tandard: airbags for driver and front passenger, side airbags for driver and front
		assenger, 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 transmiss	ion		8-speed Steptronic
Gear ratios	I	:1	5.000
	ll l	: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 r	atio (DIN)	kg/kW	6.7
Output per litre	, ,	kW/l	80.1
	0–100 km/h	S	5.1
Top speed		km/h	250
BMW EfficientD	vnamice		
BMW EfficientDyr	•		Brake Energy Regeneration with recuperation display, Electric Power Steering
standard features	idiffics		(EPS), Auto Start Stop function, ECO PRO mode with coasting function,
otaridara rodiaros			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 Consumpti	on Ell <sup>2)</sup>		
With standard who			
urban		l/100 km	8,8
inter-urban		I/100 km	5.3
combined		I/100 km	6.6
CO <sub>2</sub>		g/km	154
	els and 225/45		s / with winter tyres,
		,	and 225/45 R18 tyres (front), 255/40 R18 (rear),
			and 225/40 R19 tyres (front), 255/35 R19 (rear)
urban	,, 5:00	I/100 km	9.1
inter-urban		I/100 km	5.5
combined		1/100 km	6.8
CO <sub>2</sub>		g/km	159
Emission rating		9	EU6

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

 $<sup>^{1)}\,</sup>$  Oil change  $^{2)}\,$  Fuel consumption and  $\mathrm{CO}_2$  emissions depend on the selected tyre format

# BMW 4 Series Gran Coupe. 440i xDrive.

Track, front / rear			BMW 440i xDrive Gran Coupe
No. of doors / seats			·
Length / width / height (unladen)			
Wheelbase			<u> </u>
Track, front / rear	Length / width / height (unlader	n) mm	4640 / 1825 / 1404
Turning circle	Wheelbase	mm	2810
Turning circle	Track, front / rear	mm	1543 / 1592
Fuel tank capacity approx. I 60 Engine oil 19 I 6.5 Weight, unladen, to DINEU kg 1685/1760 Max load to DIN kg 560 Max permissible weight kg 2245 Max axele load, front / rear kg 1065/1230 Max trailer load, kg 75/75 Max trailer load, kg 75/75 Max troiler load, rom / rear kg 1800 / 750 Max troiler load, rom / rear kg 1800 / 750 Max troiler load, rom / rear kg 75/75 Max troiler load, rom / rear kg 75/75 Max rom of ord / rear kg 75/75 Max output capacity cc 2998 Max output kWhp Precision Direct Injection, VALVETRONIC fully variable valve control und Direct ord / rear kg 75/75 Max output kWhp 940/7326 Max output kWhp 240/7326 Max output kWhp 240/7326 Max orque Nm/lb-ft 450/332  at rpm 5500 Max forque Nm/lb-ft 450/332  at rpm 1380 – 5000  Electrical System Battery/installation Ah/- 90 / Luggage compartment  Driving Dynamics and Safety  Suspension, front Single-piston floating-calliper disc brakes / vented Single-pist	Ground clearance	mm	145
Fuel tank capacity approx. I 60 Engine oil 19 I 6.5 Weight, unladen, to DINEU kg 1685/1760 Max load to DIN kg 560 Max permissible weight kg 2245 Max axele load, front / rear kg 1065/1230 Max trailer load, kg 75/75 Max trailer load, kg 75/75 Max troiler load, rom / rear kg 1800 / 750 Max troiler load, rom / rear kg 1800 / 750 Max troiler load, rom / rear kg 75/75 Max troiler load, rom / rear kg 75/75 Max rom of ord / rear kg 75/75 Max output capacity cc 2998 Max output kWhp Precision Direct Injection, VALVETRONIC fully variable valve control und Direct ord / rear kg 75/75 Max output kWhp 940/7326 Max output kWhp 240/7326 Max output kWhp 240/7326 Max orque Nm/lb-ft 450/332  at rpm 5500 Max forque Nm/lb-ft 450/332  at rpm 1380 – 5000  Electrical System Battery/installation Ah/- 90 / Luggage compartment  Driving Dynamics and Safety  Suspension, front Single-piston floating-calliper disc brakes / vented Single-pist			
Figure oil		m	11.8
Weight, unladen, to DIN/EU         kg         1685 / 1760           Max load to DIN         kg         560           Max ake load, front / rear         kg         1065 / 1230           Max ake load, front / rear         kg         1065 / 1230           Max roll codd, kg         1800 / 750           Max rolload / max towbar download         kg         75 / 75           download         1         480 - 1300           Luggage comp capacity         1         480 - 1300           Air resistance         cd x A         0.30 x 2.16           Power Unit           ConfigNo 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         kWhp         240 / 326           at         rpm         5500           Max ottoque         Nm/lb-ft         450/332		approx. I	60
Max load to DIN         kg         560           Max permissible weight         kg         2245           Max axele load, front frear         kg         1055 / 1230           Max tracelier load, barrialer load,	Engine oil 1)	I	6.5
Max permissible weight kg 2245  Max avale load, front / rear kg 1055 / 1230  Max raller load, kg braked (12%) / unbraked kg 75 / 75  download   1800 / 750  Max roofload / max towbar kg 75 / 75  download   1800 / 755  Power Unit   1 480 - 1300  Air resistance   1300   1400	Weight, unladen, to DIN/EU	kg	1685 / 1760
Max vale load, front I rear         kg         1065 / 1230           Max trailer load, kg         kg         1800 / 750           Max roofload / max towbar download         kg         75 / 75           download         480 - 1300         Air resistance         cd x A         0.30 x 2.16           Power Unit           ConfigNo 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           Effective capacity         cc         2998           Stroke J bore         mm         94.6 / 82.0           Compression ratio         :1         11.0           Fuel         RON 90 - 98         Recommended fuel           Max output         kWhp         240 / 326           at         rpm         5500           Max torque         Nm/lb-ft         450/332           at         rpm         1380 - 5000           Electrical System         Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, traverse force compensation, anti-dive steering roll radius, traverse force compensation, anti-	Max load to DIN	kg	560
Max axiale load, front / rear         kg         1065 / 1230           Max trailer load, braked (12%) / unbraked         1800 / 750           Max rooffoad / max towbar download         kg         75 / 75           download         Luggage comp capacity         I         480 – 1300           Air resistance         cd x A         0.30 x 2.16           Power Unit           Config/No of cyts/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 valve control und Valve va	Max permissible weight	kg	2245
Max trailer load, by provided (12%) / unbraked (12%) / un			1065 / 1230
braked (12%) / unbraked         1800 / 750           Max roofload / max towbar download         kg         75 / 75           download download         1         480 – 1300           Luggage comp capacity         I         480 – 1300           Air resistance         cd x A         0.30 x 2.16           Power Unit           Config/No of cyts/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         kWhp         240 / 326           at         rpm         5500           Max torque         Nm/lb-ft         450/332           at         rpm         1380 – 5000           Electrical System           Batteryfinstallation         Ah/-         90 / Luggage compartment           Driving Dynamics and Safety           Suspension, front         Aluminium do	· · · · · · · · · · · · · · · · · · ·		
Max roofload / max towbar download Luggage comp capacity I 480 – 1300 Air resistance cd x A 0.30 x 2.16  Power Unit ConfigNo of cyts/walves 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 kWhp 240 / 326 at rpm 5500 Max torque Nrm/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, front 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 (CBC),	•	a	1800 / 750
download Luggage comp capacity I 480 – 1300 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 kWhp 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  Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (CBC), Dry Braking function, Fading Compensation, start-Off Assistant, cross-linking with XDrive all-wheel-drive system  Steering Electric Power Steering (EPC) with Service on the special propers of the steering relation of the steering relatio		ka	
Luggage comp capacity I 480 – 1300 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 kWhp 240 / 326 at rpm 5500 Max torque Nmib-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, froat 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 (CBC), Dry Braking function, Fading Compensation, Start-Off Assistant, cross-linking with MDrive all-wheel-drive system  Safety equipment Standard: airbags for driver and fron passenger, side airbags for driver and front passenger, side airbags for driver and fron 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  Electric Power Steering (EPS) with Servotronic function; optional: Variable Sport Steering	download	''9	
Air resistance cd x A 0.30 x 2.16  Power Unit Config/No of cyls/valves			480 – 1300
Power Unit Config/No of cyls/valves Engine technology BMW TwinPower Turbo technology with TwinScroll turbocharger, High Precision Direct Injection, VAL/VETRONIC 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, rear Brakes, front Brakes, front Suspension, rear Five-link axle in lightweight construction Flades, front 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, cross-linking with XDrive all-wheel-drive system  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 ratio, overall 11 15.1 Tyres, front / rear			
Config/No of cyls/valves 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  Priving Dynamics and Safety Suspension, front Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, traverse force compensation, anti-dive  Priving Dynamics and Safety Suspension, rear Brakes, front Brakes, front Single-piston floating-calliper disc brakes / vented Driving stability systems  Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (DSC), Dry Braking function, Fading Compensation, Start-Off Assistant, cross-linking with XDrive all-wheel-drive system  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, type pressure indicator  Steering Tetro Overs Steering (EPS) with Servotronic function; optional: Variable Sport Steering Steering ratio, overall 1 1 5.1 Tyres, front / rear	All resistance	CUXA	0.30 X 2.10
Engine technology  BMW TwinPower Turbo technology with TwinScroll turbocharger, High Precision Direct Injection, VAL.VETRONIC 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  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, cross-linking with XDrive all-wheel-drive system  Safety equipment Standard: airbags for driver and front passenger, side airbags for driver and front passenger, side airbags for driver and seasons, tyre pressure indicator  Steering Electric Power Steering (EPS) with Servotronic function; optional: Variable Sport Steering  Steering ratio, overall :1 5.1  Tyres, front / rear 225/50 R17 94W			D/O//
Precision Direct Injection, VALVETRONIC fully variable valve control and 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 kWhp 240 / 326  at rpm 5500  Max torque Nm/lb-ft 450/332  at rpm 1380 – 5000  Electrical System  Battery/installation Ah/- 90 / Luggage			
Effective capacity cc 2998  Stroke / Bore mm 94.6 / 82.0  Compression ratio :1 1.0  Fuel RON 90 – 98  Recommended fuel RON 95  Max output kW/hp 240 / 326     at rpm 5500  Max torque Nm/lb-ft 450/32     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  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, cross-linking with xDrive all-wheel-drive system  Safety equipment Standard: airbags for driver and front passenger, side airbags for driver and front passenger, side airbags for driver and 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 1.5.1  Tyres, front / rear 225/50 R17 94W	Engine technology		Precision Direct Injection, VALVETRONIC fully variable valve control und
Stroke / bore mm 94.6 / 82.0  Compression ratio :1 1.0  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 (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant, cross-linking with xDrive all-wheel-drive system  Safety equipment Standard: airbags for driver and front passenger, side airbags for driv	Effective capacity		<u> </u>
Compression ratio :1 11.0  Fuel RON 90 – 98  Recommended fuel RON 95  Max output kW/hp 2407.326  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  Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (CBC), Dynamic Brake Control (DRC), Dry Braking function, Fading Compensation, Start-Off Assistant, cross-linking with xDrive all-wheel-drive system  Safety equipment Standard: airbags for driver and front passenger, side airbags for flore 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 15.1  Tyres, front / rear 225/50 R17 94W			
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, cross-linking with xDrive all-wheel-drive system  Safety equipment Standard: airbags for driver and front passenger, side airbags for driver and 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 15.1 Tyres, front / rear 225/50 R17 94W			
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, cross-linking with xDrive all-wheel-drive system  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 15.1  Tyres, front / rear		- 11	<u> </u>
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, cross-linking with xDrive all-wheel-drive system  Safety equipment Standard: airbags for driver and fron passenger, side airbags for driver and fron 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 15.1  Tyres, front / rear			
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, cross-linking with xDrive all-wheel-drive system  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 15.1  Tyres, front / rear		13478	
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, cross-linking with xDrive all-wheel-drive system  Safety equipment Standard: airbags for driver and front passenger, side airbags for driver and front passeng	<del></del>		
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, cross-linking with xDrive all-wheel-drive system  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 15.1  Tyres, front / rear			
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, cross-linking with xDrive all-wheel-drive system  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 15.1  Tyres, front / rear 225/50 R17 94W		Nm/lb-ft	
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, cross-linking with xDrive all-wheel-drive system  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 15.1  Tyres, front / rear 225/50 R17 94W	<u>at</u>	rpm	1380 – 5000
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, cross-linking with xDrive all-wheel-drive system  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 15.1  Tyres, front / rear 225/50 R17 94W	Electrical System		
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, cross-linking with xDrive all-wheel-drive system  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 15.1  Tyres, front / rear		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, cross-linking with xDrive all-wheel-drive system  Safety equipment  Standard: airbags for driver and front passenger, side airbags for driver and fror 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 15.1  Tyres, front / rear  225/50 R17 94W	Batto, y iotaliation	,	
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, cross-linking with xDrive all-wheel-drive system  Safety equipment  Standard: airbags for driver and front passenger, side airbags for driver and fron 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 15.1  Tyres, front / rear  225/50 R17 94W			·
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, cross-linking with xDrive all-wheel-drive system  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 15.1  Tyres, front / rear		•	All of the state of the first of the state o
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, cross-linking with XDrive all-wheel-drive system  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 15.1  Tyres, front / rear	Suspension, front	,	
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, cross-linking with XDrive all-wheel-drive system       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       Tyres, front / rear     225/50 R17 94W	Suspension, rear		
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, cross-linking with XDrive all-wheel-drive system  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 15.1  Tyres, front / rear			
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, cross-linking with xDrive all-wheel-drive system  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 15.1  Tyres, front / rear  225/50 R17 94W			
Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant, cross-linking with xDrive all-wheel-drive system  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 15.1  Tyres, front / rear 225/50 R17 94W		0	
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 15.1  Tyres, front / rear 225/50 R17 94W	Driving stability systems	Q	Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant, cross-linking with
Steering Electric Power Steering (EPS) with Servotronic function; optional: Variable Sport Steering Steering ratio, overall :1 15.1 Tyres, front / rear 225/50 R17 94W	Safety equipment		bassenger, 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,
Steering ratio, overall         :1         15.1           Tyres, front / rear         225/50 R17 94W	Steering		Electric Power Steering (EPS)
Tyres, front / rear 225/50 R17 94W	Steering ratio, overall	:1	
<del>- · · · · · · · · · · · · · · · · · · ·</del>			
	Rims, front / rear		7.5J x 17 LM

			BMW 440i xDrive Gran Coupe
Transmission			
Type of transmis	ssion		8-speed Steptronic
Gear ratios		:1	5.000
	ll 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	t ratio (DIN)	kg/kW	7.0
Output per litre	, ,	kW/l	80.1
Acceleration	0-100 km/h	S	5.0
Top speed		km/h	250
BMW Efficient	Dynamics		
BMW EfficientD			Brake Energy Regeneration with recuperation display, Electric Power Steering
standard feature	S		(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, rear differential
			with optimised warm-up behaviour, tyres with reduced rolling resistance
Fuel Consump	tion EU <sup>2)</sup>		
With standard w	heels and tyres		
urban		I/100 km	9.5
inter-urban		l/100 km	5.7
combined		l/100 km	7.1
CO <sub>2</sub>		g/km	165
With 8J x 18 who	eels and 225/45	R18 tyres	s / with winter tyres,
			and 225/45 R18 tyres (front), 255/40 R18 (rear),
with 8J x 19 whe	els (front), 8.5J		and 225/40 R19 tyres (front), 255/35 R19 (rear)
urban		l/100 km	9.9
inter-urban		l/100 km	5.9
combined		l/100 km	7.4
CO <sub>2</sub>		g/km	172
Emission rating			EU6

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

 $<sup>^{1)}\,</sup>$  Oil change  $^{2)}\,$  Fuel consumption and  $\text{CO}_2$  emissions depend on the selected tyre format

### BMW 4 Series Gran Coupe. 418d.

		PMW 410d Gran Counc
		BMW 418d Gran Coupe
Body		
No of doors / seats		4/5
Length / width / height (unladen)	mm	4640 / 1825 / 1389
Wheelbase	mm	2810
Track, front / rear	mm	1557 / 1604
Ground clearance	mm	130
Turning circle	m	11.3
Fuel tank capacity	approx. I	57
Engine oil 1)	арргох. г	5.0
Weight, unladen, to DIN/EU		
vveignt, unladen, to bliv/20	kg	(1530 / 1605)
May load to DIN	l.a	560
Max load to DIN	kg	***
Max permissible weight	kg	2070 (2090)
Max axle load, front / rear	kg	945 / 1215
Max trailer load,		
braked (12%) / unbraked	kg	1600 / 745
Max roofload / max towbar	kg	75 / 75
download		
Luggage comp capacity		480 – 1300
Air resistance	cd x A	0.27 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	110 / 150
at	rpm	4000
Max torque	Nm/lb-ft	320/236
at	rpm	1500 – 3000
Electrical System		
Battery/installation	Ah/-	90 / Luggage
Battoryotaliation	,	compartment
		oon partition.
Driving Dynamics and Safety	,	
Suspension, front		Aluminium double-joint spring strut axle with displaced camber, small positive
edoponoion, none	,	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		
	C.	Single-piston floating-calliper disc brakes / vented
Driving stability systems	5	tandard: 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
Cofety and in the set		<u> </u>
Safety equipment	r	Standard: airbags for driver and front passenger, side airbags for driver and
	fr	ront 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
Ola series		limiter, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS)
<del></del>		with Servotronic function, optional: Variable Sport Steering
Steering ratio, overall	:1	15.0
Tyres, front / rear		205/60 R16 92V
Rims, front / rear		7J x 16 LM

			BMW 418d Gran Coupe
			Dinit 1100 dian coupe
Transmission			
Type of transmis	ssion		6-speed manual (8-speed Steptronic)
Gear ratios	I	:1	4.002 (5.000)
	II	:1	2.109 (3.200)
	III	:1	1.396 (2.143)
	IV	:1	1.000 (1.720)
	V	:1	0.781 (1.314)
	VI	:1	0.668 (1.000)
	VII	:1	- (0.822)
	VIII	:1	- (0.640)
	R	:1	3.647 (3.456)
Final drive		:1	3.231 (2.813)
Performance			
Power-to-weigh	t ratio (DIN)	kg/kW	13.7 (13.9)
Output per litre	(2)	kW/l	55.1
Acceleration	0–100 km/h	S	9.0 (8.9)
Top speed	0 100 1011111	km/h	213 (213)
- op opcou		101011	= 10 (= 10)
BMW Efficient	Dynamics		
BMW EfficientD	ynamics	Br	ake Energy Regeneration with recuperation display, Electric Power Steering
standard feature	es	(EF	PS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with
		co	asting function (automatic transmission), intelligent lightweight construction
			optimised aerodynamic attributes, on-demand operation of ancillary units,
		m	ap-regulated oil pump, differential with optimised warm-up behaviour, tyres
			with reduced rolling resistance
Fuel Consump			
With standard w	heels and tyres		
urban		l/100 km	5.0 (4.9)
inter-urban		l/100 km	3.6 (3.6)
combined		l/100 km	4.1 (4.1)
CO <sub>2</sub>		g/km	109 (107)
With 8J x 18 wh			
			d 225/45 R18 tyres (front), 255/40 R18 (rear),
with 8J x 19 whe	eels (front), 8.5J		d 225/40 R19 tyres (front), 255/35 R19 (rear)
urban		l/100 km	5.4 (5.3)
inter-urban		l/100 km	3.9 (3.9)
combined		l/100 km	4.5 (4.4)
CO <sub>2</sub>		g/km	118 (116)
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

 $<sup>^{9}\,</sup>$  Oil change  $^{2}\,$  Fuel consumption and  $\mathrm{CO}_2$  emissions depend on the selected tyre format

## BMW 4 Series Gran Coupe. 420d.

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		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. I	57
Engine oil 1)	1	5.0
Weight, unladen, to DIN/EU	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	kg	75 / 75
download	ng .	73773
Luggage comp capacity		480 – 1300
Air resistance	cd x A	0.28 x 2.16
All resistance	cuxA_	0.20 X 2.10
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
	19111	1700 2000
Electrical System		
Battery/installation	Ah/–	90 / Luggage
		compartment
Driving Dynamics and Safet	-	Aluminium double joint enring etrut evie with displaced comber emall positive
Suspension, front	F	Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, traverse force compensation, anti-dive
Commenciation		
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	S	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering
		Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function,
0.6		Fading Compensation, Start-Off Assistant
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
	Ťì	ront 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 transmi			6-speed manual (8-speed Steptronic)
Gear ratios	I	:1	4.110 (5.000)
	ll l	: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-weigh	nt 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 Efficient	•		
BMW EfficientD	,		e Energy Regeneration with recuperation display, Electric Power Steering
standard feature	es	, ,	, Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with
			ting function (automatic transmission), intelligent lightweight construction
			timised aerodynamic attributes, on-demand operation of ancillary units,
		map	-regulated oil pump, differential with optimised warm-up behaviour, tyres
			with reduced rolling resistance
Fuel Consump	otion ELL <sup>2)</sup>		
With standard w			
urban	vileels and tyres	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 <sub>2</sub>		g/km	111 (106)
	200ls and 225//	5 R18 tyres / with	· · ·
			225/45 R18 tyres (front), 255/40 R18 (rear),
	. ,,	` '	225/40 R19 tyres (front), 255/35 R19 (rear)
urban		1/100 km	5.5 (5.1)
inter-urban		l/100 km	3.9 (3.9)
combined		l/100 km	4.5 (4.3)
CO <sub>2</sub>		g/km	119 (114)
Emission rating		gnitti	EU6
Limbolori rating			LOU

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

 $<sup>^{9}\,</sup>$  Oil change  $^{2}\,$  Fuel consumption and  $\text{CO}_2$  emissions depend on the selected tyre format

## BMW 4 Series Gran Coupe. 420d xDrive.

		BMW 420d xDrive Gran Coupe
Pody		
Body No of doors / seats		4/5
Length / width / height (unladen)	mm	4640 / 1825 / 1404
Wheelbase	mm	2810
Track, front / rear	mm	1543 / 1592
Ground clearance	mm	145
Turning circle	m	11.8
Fuel tank capacity	approx. I	57
Engine oil 1)	прртож 1	5.0
Weight, unladen, to DIN/EU	kg	1595 / 1670
- 3 -,	3	(1615 / 1690)
Max load to DIN	kg	560
Max permissible weight	kg	2155 (2175)
Max axle load, front / rear	kg	1005 / 1230
Max trailer load,		
braked (12%) / unbraked	kg	1600 / 750
Max roofload / max towbar	kg	75 / 75
download		
Luggage comp capacity	I	480 – 1300
Air resistance	cd x A	0.29 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	5	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, cross-linking with xDrive all-wheel-
		drive system in the Integrated Chassis Management (ICM)
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
		ront passenger, head airbags for 1st and 2nd seat row, three-point inertia-reel
	f	· · · · · · · · · · · · · · · · · · ·
	1	belts on all seats, integrated at the front with belt tensioners and belt force
	f	
Steering	f	belts on all seats, integrated at the front with belt tensioners and belt force
Steering		belts on all seats, integrated at the front with belt tensioners and belt force limiter, crash sensors, tyre pressure indicator
Steering Steering ratio, overall	:1	belts on all seats, integrated at the front with belt tensioners and belt force limiter, crash sensors, tyre pressure indicator  Electric Power Steering (EPS)
		belts on all seats, integrated at the front with belt tensioners and belt force limiter, crash sensors, tyre pressure indicator  Electric Power Steering (EPS)  with Servotronic function, optional: Variable Sport Steering

			BMW 420d xDrive Gran Coupe
			Divivi 4200 XDrive dran Coupe
Transmission			
Type of transmis	ssion		6-speed manual (8-speed Steptronic)
Gear ratios		:1	4.110 (5.000)
	l l	: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	t ratio (DIN)	kg/kW	11.4 (11.5)
Output per litre		kW/l	70.2
Acceleration	0–100 km/h	S	7.6 (7.4)
Top speed	0 100 141111	km/h	235 (230)
BMW Efficient	Dvnamics		
BMW EfficientD		Bral	ke Energy Regeneration with recuperation display, Electric Power Steering
standard feature	S	(EPS	S), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with
		coa	sting function (automatic transmission), intelligent lightweight construction
		0	ptimised aerodynamic attributes, on-demand operation of ancillary units,
		ma	ap-regulated oil pump, rear differential with optimised warm-up behaviour,
			tyres with reduced rolling resistance
Fuel Consump	tion EU 2)		
With standard wi	heels and tyres		
urban	-	l/100 km	5.6 (5.2)
inter-urban		l/100 km	4.0 (4.1)
combined		l/100 km	4.6 (4.5)
CO <sub>2</sub>		g/km	121 (118)
With 8J x 18 who	eels and 225/45	R18 tyres / wi	th winter tyres,
			225/45 R18 tyres (front), 255/40 R18 (rear),
with 8J x 19 whe	eels (front), 8.5J	x 19 (rear) and	225/40 R19 tyres (front), 255/35 R19 (rear)
urban		l/100 km	5.9 (5.6)
inter-urban		l/100 km	4.3 (4.3)
combined		l/100 km	4.9 (4.8)
CO <sub>2</sub>		g/km	129 (126)
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

 $<sup>^{9}\,</sup>$  Oil change  $^{2}\,$  Fuel consumption and  $\mathrm{CO}_2$  emissions depend on the selected tyre format

#### BMW 4 Series Gran Coupe. 430d.

		BMW 430d Gran Coupe
Padu		
Body No of doors / seats		4/5
Length / width / height (unlade	n) mm	4640 / 1825 / 1389
Wheelbase	mm	2810
Track, front / rear		1545 / 1592
Ground clearance	mm mm	130
Turning circle	m	11.3
Fuel tank capacity		57
Engine oil 1)	approx. I	6.5
Weight, unladen, to DIN/EU	kg	1615 / 1690
Max load to DIN	kg	560
Max permissible weight		2175
	kg	990 / 1225
Max axle load, front / rear	kg	990 / 1223
Max trailer load,	kg	1800 / 750
braked (12%) / unbraked Max roofload / max towbar	ka	75/75
	kg I	480 – 1300
Luggage comp capacity	cd x A	0.29 x 2.16
<u>Air resistance</u>	CO X A	0.29 X 2.10
Power Unit		
Config/No of cyls/valves		R/6/4
Engine technology		BMW TwinPower Turbo technology: variable-geometry turbocharger, common-rail direct injection with solenoid valve injectors, max. injection pressure: 1800 bar
Effective capacity	СС	2993
Stroke / bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	190 / 258
at	rpm	4000
Max torque	Nm/lb-ft	560/413
at	rpm	1500 – 3000
Electrical System		
Battery/installation	Ah/–	90 / Luggage
Driving Dynamics and Safe	•tv	
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	S	tandard: 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	fr	Standard: airbags for driver and front passenger, side airbags for driver and ront 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
		. 5.10
Tyres, front / rear		225/50 R17 94W

			BMW 430d Gran Coupe
Transmission			
Type of transmis	ssion		8-speed Steptronic
Gear ratios		:1	4.714
acai ratios	<u> </u>	:1	3.143
		:1	2.106
	IV	:1	1.667
	V	:1	1.285
	VI	:1	1.000
	VII	:1	0.839
	VIII	:1	0.667
	R	:1	3.317
Final drive	11	:1	2,563
i iliai arive			2.000
Performance			
Power-to-weight	t ratio (DIN)	kg/kW	8.5
Output per litre	, ,	kW/l	63.5
Acceleration	0-100 km/h	S	5.6
Top speed		km/h	250
<b>BMW Efficient</b>	Dynamics		
BMW EfficientD standard feature	,		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 optimised warm-up behaviour, tyres with reduced rolling resistance
Fuel Consump	tion Ell <sup>2)</sup>		
With standard w			
urban		l/100 km	5.9
inter-urban		1/100 km	4.6
combined		1/100 km	5.1
CO <sub>2</sub>		g/km	134
With 8J x 18 who	eels (front), 8.5.	5 R18 tyres I x 18 (rear)	i / with winter tyres, and 225/45 R18 tyres (front), 255/40 R18 (rear), and 225/40 R19 tyres (front), 255/35 R19 (rear)
urban		I/100 km	6.1
inter-urban		1/100 km	4.8
combined		1/100 km	5.3
CO <sub>2</sub>		g/km	139
Emission rating		9	EU6

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

 $<sup>^{1)}\,</sup>$  Oil change  $^{2)}\,$  Fuel consumption and  $\mathrm{CO}_2$  emissions depend on the selected tyre format

# BMW 4 Series Gran Coupe. 430d xDrive, 435d xDrive.

	В	MW 430d xDrive Gran Coupe	BMW 435d xDrive Gran Coupe
D. I			
Body		4/5	4/5
No of doors / seats		4640 / 1825 / 1404	4640 / 1825 / 1404
Length / width / height (unlade	•	2810	2810
Wheelbase	mm	1543 / 1592	1543 / 1592
Track, front / rear	mm	145	13437 1392
Ground clearance	mm	11.8	11.8
Turning circle	m m	57	57
Fuel tank capacity Engine oil 1)	approx. I	6.5	6.5
Weight, unladen, to DIN/EU	I	1680 / 1755	1700 / 1775
Max load to DIN	kg kg	560	560
	kg	2240	2260
Max permissible weight	kg	1050 / 1230	1060 / 1230
Max axle load, front / rear	kg	10307 1230	10007 1230
Max trailer load,	kg	1800 / 750	1800 / 750
braked (12%) / unbraked Max roofload / max towbar		75 / 75	75 / 75
	kg I	480 – 1300	480 – 1300
Luggage comp capacity  Air resistance	cd x A	0.29 x 2.16	0.30 x 2.16
All resistance	CuxA	0.29 X 2.10	0.30 X 2.10
Power Unit			
Config/No of cyls/valves		R/6/4	R/6/4
Engine technology		BMW TwinPower Turbo	BMW TwinPower Turbo
		technology: variable-geometry	technology: multi-stage high-
		turbocharger, common-rail direct injection	pressure turbocharging with variable turbine geometry.
		with solenoid valve injectors, max.	common-rail direct injection
		injection pressure: 1800 bar	with piezo injectors, max.
			injection pressure: 2000 bar
Effective capacity	CC	2993	2993
Stroke / bore	mm	90.0 / 84.0	90.0 / 84.0
Compression ratio	:1	16.5	16.5
Fuel		Diesel	Diesel
Max output	kW/hp	190 / 258	230 / 313
at	rpm	4000	4400
Max torque	Nm/lb-ft	560/413	630/464
at	rpm	1500 – 3000	1500 – 2500
		.000 0000	1000 2000
Electrical System			
Battery/installation	Ah/–	90 / Luggage compartment	90 / Luggage
Driving Dynamics and Safe			
Suspension, front		Aluminium double-ioint spring strut a	xle with displaced camber, small positive
Suspension, none	,		force compensation, anti-dive
Suspension, rear			ntweight construction
Brakes, front			alliper disc brakes / vented
Brakes, rear		0: 1 : 1 : 1	alliper disc brakes / vented
Driving stability systems			C (Dynamic Traction Control), Cornering
Driving stability systems	C		e Control (DBC), Dry Braking function,
	F		stant, cross-linking with xDrive all-wheel-
		drive system in the Integrate	ed Chassis Management (ICM)
Safety equipment			t passenger, side airbags for driver and
	f		and 2nd seat row, three-point inertia-reel
		, 0	ront with belt tensioners and belt force
		<u> </u>	t, tyre pressure indicator
Steering			r Steering (EPS)
<u> </u>		, ,	otional: Variable Sport Steering
Steering ratio, overall	:1	15.1	15.2
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 430d xDrive Gran Coupe	BMW 435d xDrive Gran Coupe
Transmission				
Type of transmission		8-speed Steptronic		
Gear ratios	I	: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	3.317	3.317
Final drive		:1	2.563	2.563
Performance				
Power-to-weigh	t ratio (DIN)	kg/kW	8.8	7.4
Output per litre		kW/l	63.5	76.8
Acceleration	0-100 km/h	S	5.3	4.8
		1 //.	250	250
Top speed		km/h	230	250
BMW Efficien				
	ynamics		Brake Energy Regeneration with recup (EPS), Auto Start Stop function, ECG intelligent lightweight construction, of demand operation of ancillary units, re	eration display, Electric Power Steering O PRO mode with coasting function, ptimised aerodynamic attributes, on- ear differential with optimised warm-up duced rolling resistance
BMW Efficient BMW Efficient Standard feature	Oynamics es		Brake Energy Regeneration with recup (EPS), Auto Start Stop function, ECG intelligent lightweight construction, of demand operation of ancillary units, re	eration display, Electric Power Steering O PRO mode with coasting function, ptimised aerodynamic attributes, on- ear differential with optimised warm-up
BMW Efficient BMW Efficient standard feature	Oynamics es		Brake Energy Regeneration with recup (EPS), Auto Start Stop function, ECG intelligent lightweight construction, of demand operation of ancillary units, re	eration display, Electric Power Steering O PRO mode with coasting function, ptimised aerodynamic attributes, on- ear differential with optimised warm-up
BMW Efficient BMW Efficient standard feature	otion EU <sup>2)</sup>		Brake Energy Regeneration with recup (EPS), Auto Start Stop function, ECG intelligent lightweight construction, of demand operation of ancillary units, re	eration display, Electric Power Steering O PRO mode with coasting function, ptimised aerodynamic attributes, on- ar differential with optimised warm-up duced rolling resistance
BMW Efficient BMW Efficient Standard feature Fuel Consump With standard w	otion EU <sup>2)</sup>		Brake Energy Regeneration with recup (EPS), Auto Start Stop function, ECt intelligent lightweight construction, o demand operation of ancillary units, re behaviour, tyres with re	eration display, Electric Power Steering O PRO mode with coasting function, pitimised aerodynamic attributes, on- par differential with optimised warm-up duced rolling resistance
BMW Efficient BMW Efficient standard feature Fuel Consump With standard w urban	otion EU <sup>2)</sup>	l/100 km l/100 km	Brake Energy Regeneration with recup (EPS), Auto Start Stop function, ECI intelligent lightweight construction, o demand operation of ancillary units, re behaviour, tyres with re	eration display, Electric Power Steering O PRO mode with coasting function, ptimised aerodynamic attributes, on- aer differential with optimised warm-up duced rolling resistance  6.7 4.9
BMW Efficient BMW Efficient Standard feature Fuel Consump With standard w urban inter-urban	otion EU <sup>2)</sup>	⊮100 km	Brake Energy Regeneration with recup (EPS), Auto Start Stop function, ECG intelligent lightweight construction, of demand operation of ancillary units, re behaviour, tyres with re	eration display, Electric Power Steering O PRO mode with coasting function, ptimised aerodynamic attributes, on- ear differential with optimised warm-up duced rolling resistance  6.7 4.5
BMW Efficient BMW Efficient BMW Efficient Standard feature With Consump With standard w urban inter-urban combined CO <sub>2</sub> With 8J x 18 wh with 8J x 18 wh	option EU <sup>2)</sup> wheels and tyres heels and 225/45 eels (front), 8.5J	1/100 km 1/100 km 1/100 km g/km 5 R18 tyres x 18 (rear)	Brake Energy Regeneration with recup (EPS), Auto Start Stop function, ECG intelligent lightweight construction, of demand operation of ancillary units, respensively units, respensively. The service with respensively. The service of	eration display, Electric Power Steering D PRO mode with coasting function, ptimised aerodynamic attributes, on- ear differential with optimised warm-up duced rolling resistance  6.7 4.9 5.6 146 R18 (rear),
BMW Efficient BMW Efficient Standard feature Fuel Consump With standard w urban inter-urban combined CO <sub>2</sub> With 8J x 18 wh with 8J x 18 wh with 8J x 19 wh	option EU <sup>2)</sup> wheels and tyres heels and 225/45 eels (front), 8.5J	№100 km №100 km №100 km g/km 5 R18 tyres x 18 (rear, x 19 (rear,	Brake Energy Regeneration with recup (EPS), Auto Start Stop function, ECG intelligent lightweight construction, of demand operation of ancillary units, respensively. The second of the	eration display, Electric Power Steering D PRO mode with coasting function, ptimised aerodynamic attributes, on- ear differential with optimised warm-up duced rolling resistance  6.7 4.9 5.6 146 R18 (rear), R19 (rear)
BMW Efficient BMW Efficient BMW Efficient Standard feature Fuel Consump With standard w urban inter-urban combined CO <sub>2</sub> With 8J x 18 wh with 8J x 18 wh with 8J x 19 wh urban	option EU <sup>2)</sup> wheels and tyres heels and 225/45 eels (front), 8.5J	№100 km №100 km №100 km g/km 5 R18 tyres x 18 (rear) x 19 (rear) №100 km	Brake Energy Regeneration with recup (EPS), Auto Start Stop function, ECG intelligent lightweight construction, o demand operation of ancillary units, research behaviour, tyres with research 4.9  5.3  140  5 / with winter tyres, and 225/45 R18 tyres (front), 255/40 F1 and 225/40 R19 tyres (front), 255/35 F1 6.4	eration display, Electric Power Steering D PRO mode with coasting function, ptimised aerodynamic attributes, onear differential with optimised warm-up duced rolling resistance  6.7  4.9  5.6  146  R18 (rear), R19 (rear)
BMW Efficient BMW Efficient BMW Efficient Standard feature  Fuel Consump With Standard w urban inter-urban combined CO <sub>2</sub> With 8J x 18 wh with 8J x 18 wh with 8J x 19 wh urban inter-urban	option EU <sup>2)</sup> wheels and tyres heels and 225/45 eels (front), 8.5J	/100 km  /100 km  /100 km g/km 5 R18 tyres x 18 (rear) x 19 (rear)  /100 km	Brake Energy Regeneration with recup (EPS), Auto Start Stop function, ECG intelligent lightweight construction, of demand operation of ancillary units, respendingly to behaviour, tyres with respending to the second start of th	eration display, Electric Power Steering D PRO mode with coasting function, ptimised aerodynamic attributes, onear differential with optimised warm-up duced rolling resistance  6.7 4.9 5.6 146 R18 (rear), R19 (rear) 6.7 5.1
BMW Efficient BMW Efficient BMW Efficient Standard feature Fuel Consump With standard w urban inter-urban combined CO <sub>2</sub> With 8J x 18 wh with 8J x 18 wh with 8J x 19 wh urban	option EU <sup>2)</sup> wheels and tyres heels and 225/45 eels (front), 8.5J	№100 km №100 km №100 km g/km 5 R18 tyres x 18 (rear) x 19 (rear) №100 km	Brake Energy Regeneration with recup (EPS), Auto Start Stop function, ECG intelligent lightweight construction, o demand operation of ancillary units, research behaviour, tyres with research 4.9  5.3  140  5 / with winter tyres, and 225/45 R18 tyres (front), 255/40 F1 and 225/40 R19 tyres (front), 255/35 F1 6.4	eration display, Electric Power Steering D PRO mode with coasting function, ptimised aerodynamic attributes, on- ear differential with optimised warm-up duced rolling resistance  6.7 4.9 5.6 146 R18 (rear),

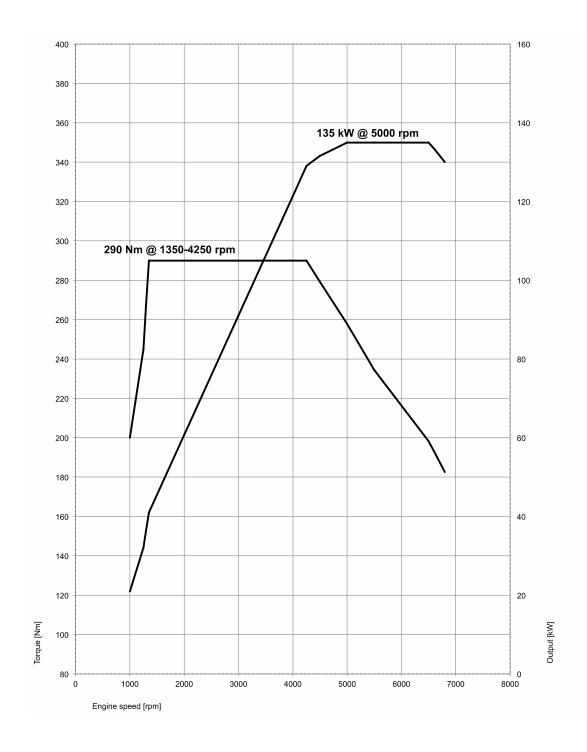
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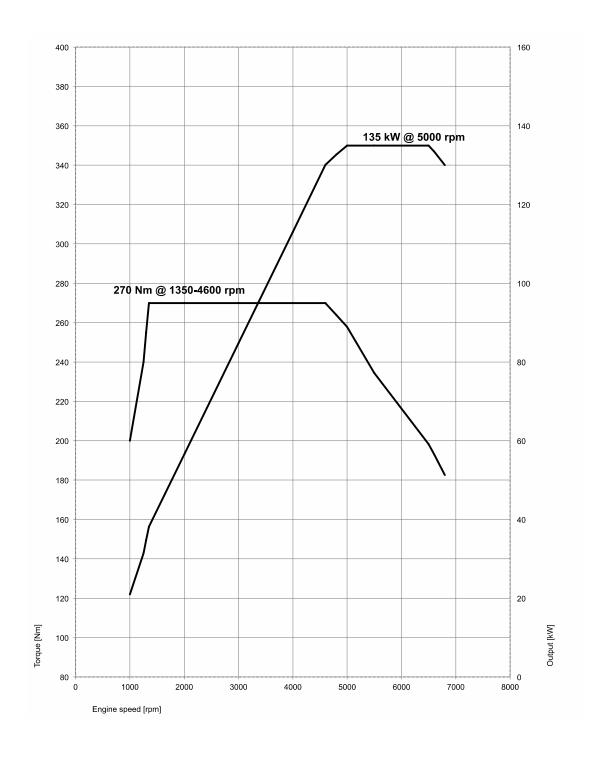
 $<sup>^{1)}\,</sup>$  Oil change  $^{2)}\,$  Fuel consumption and  $\mathrm{CO}_2$  emissions depend on the selected tyre format

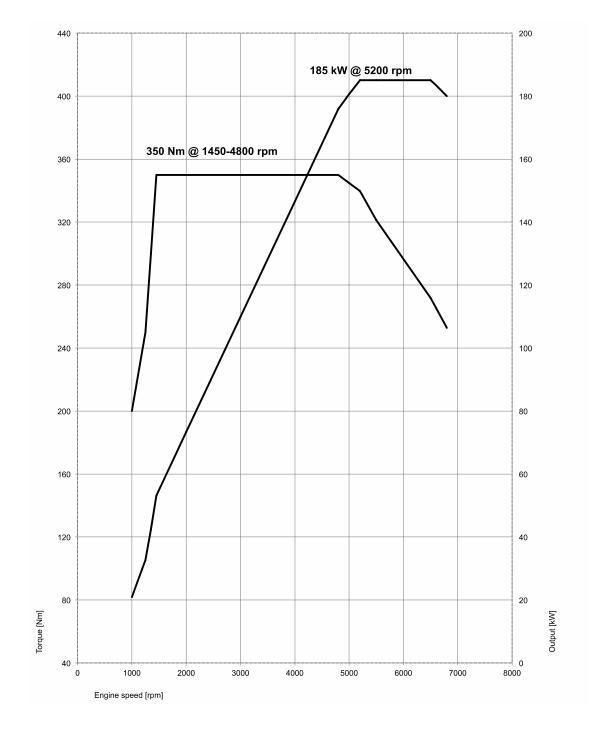
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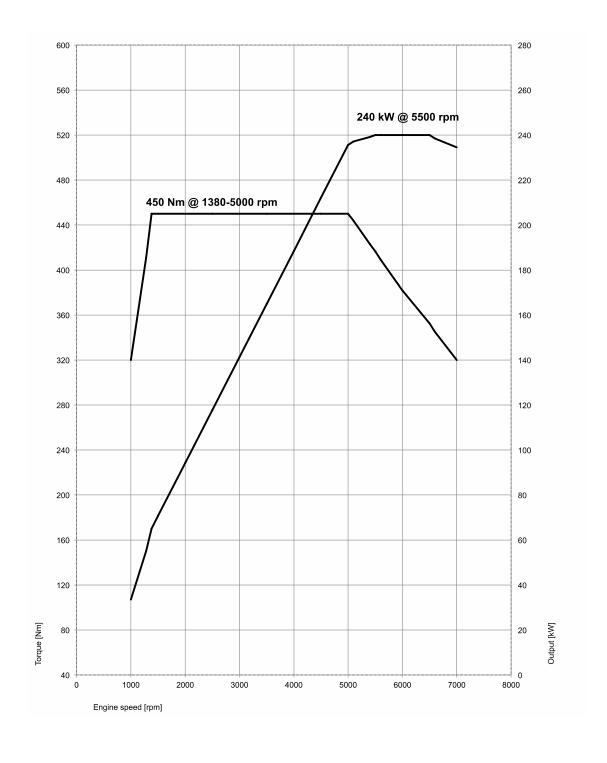
## Output and torque diagrams. BMW 420i.

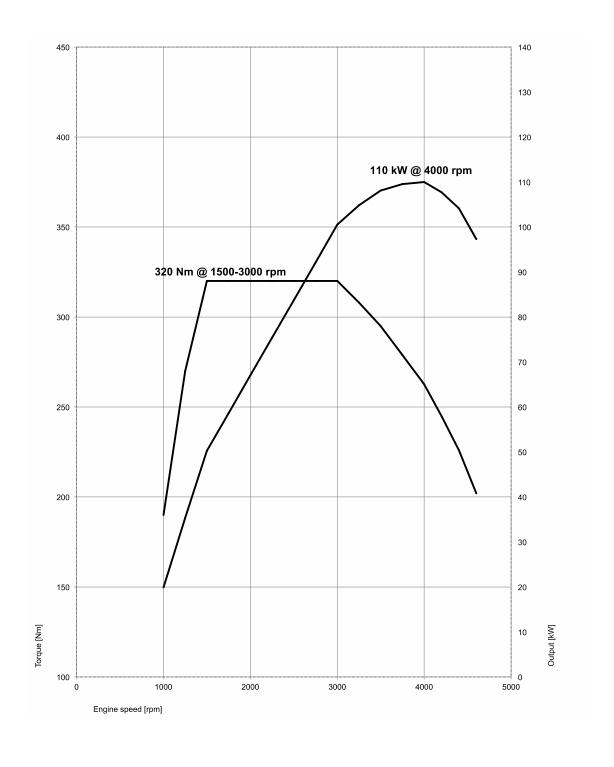


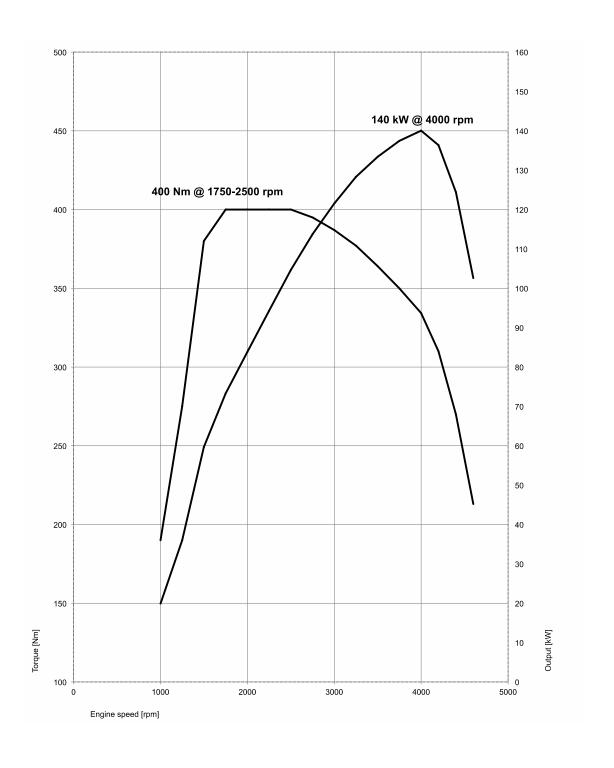


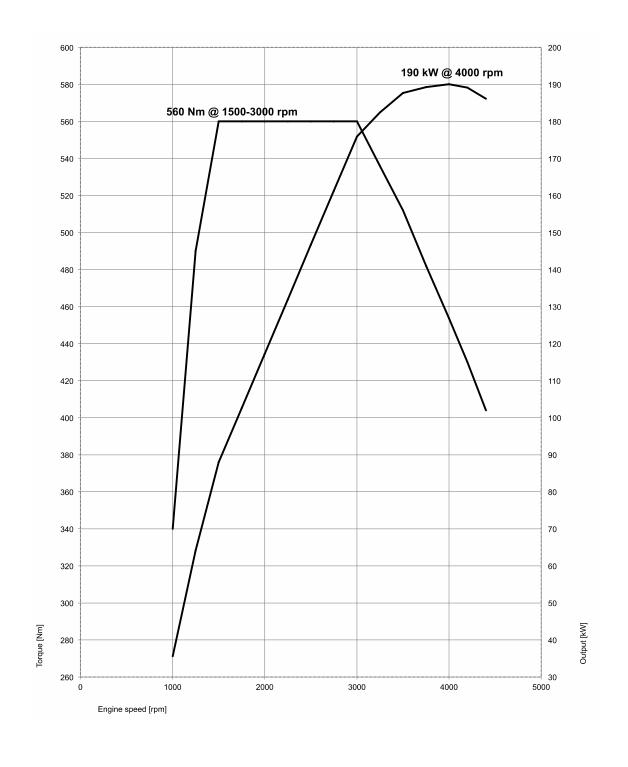


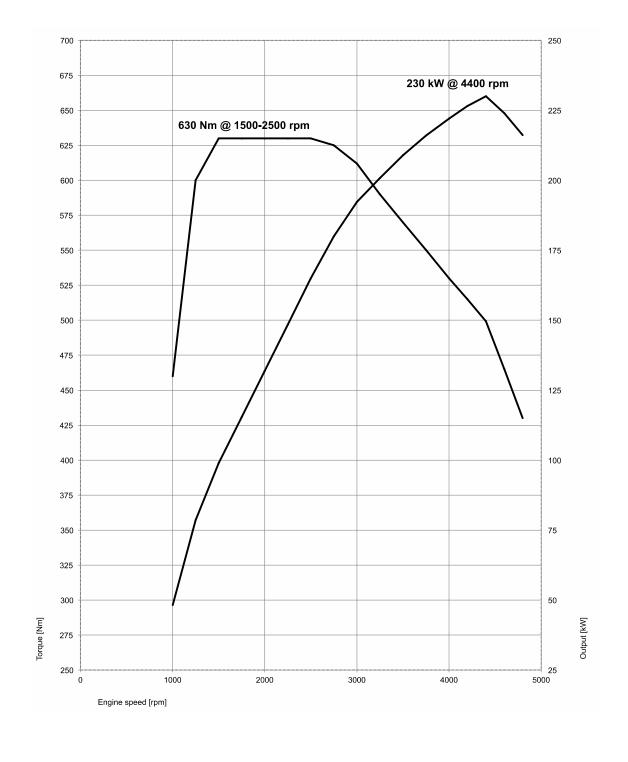








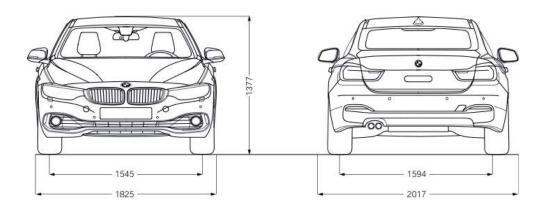


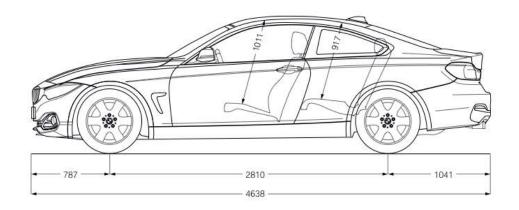


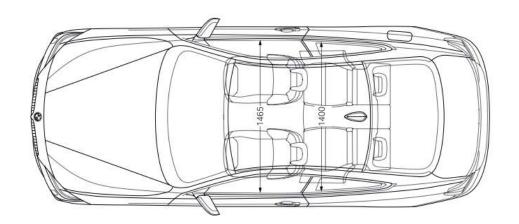
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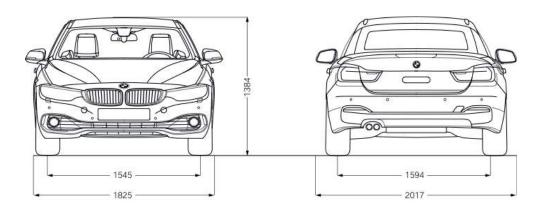
## **Exterior and interior dimensions.** BMW 4 Series Coupe.

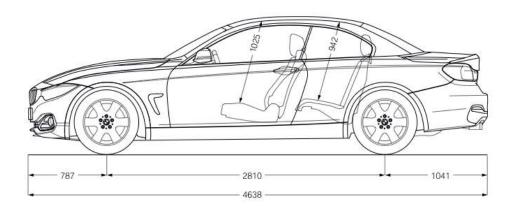


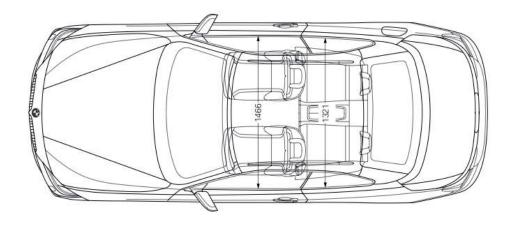












#### BMW 4 Series Gran Coupe.

1545 1594 1825

