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)	l approxi	5.25	5.25
Weight, unladen, to DIN/EU	kg	1475 / 1550	1490 / 1565
	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	9	1400 (1500) / 695	1600 / 745
Max roofload / max towbar	kg	75 / 75	75 / 75
download	3		
Luggage comp capacity		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 Twi Precision Direct Injection, VALVETRONIC full	y variable valve control und
=======================================		Double-VANOS variable cams	-
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	1 1 4 / //	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 com	' '
Cuanancian roor		Five-link axle in lightweight co	
Suspension, rear Brakes, front		Single-piston floating-calliper disc	
Brakes, rront		<u> </u>	
		Single-piston floating-calliper disc	
Driving stability systems	5	Standard: DSC incl. ABS, ASC and DTC (Dynami Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function,
Safety equipment	S	Fading Compensation, Start-C tandard: airbags for driver and front passenger, s	
		passenger, head airbags for 1st and 2nd seat rov on all seats, integrated at the front with belt tens	v, three-point inertia-reel belts
		crash sensors, tyre pressure	
Steering		Electric Power Steering	` '
Otanian astin a seri		with Servotronic function; optional: Var	
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	eeinn		6-speed manual (optional: 8-speed	d Steptronic)
Gear ratios		:1	4.002 (5.000)	3.683 (5.000)
- Courtainos	il i	:1	2.130 (3.200)	2.062 (3.200)
		: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)
	VII		, ,	
		:1	- (0.640)	- (0.640)
Fig. 1. 12 .	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	t 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 Efficient BMW EfficientD standard feature	ynamics		Energy Regeneration with recuperation disp , Auto Start Stop function, Optimum Shift Inc	<i>37</i>
BMW EfficientD	ynamics	(EPS) coast optimi	9, 9	licator, ECO PRO mode with ent lightweight construction, ration of ancillary units, map- rm-up behaviour, tyres with
BMW EfficientD standard feature	ynamics es	(EPS) coast optimi	, Auto Start Stop function, Optimum Shift Inc ing function (automatic transmission), intellig ised aerodynamic attributes, on-demand ope lated oil pump, differential with optimised-wa	licator, ECO PRO mode with ent lightweight construction, ration of ancillary units, map- rm-up behaviour, tyres with
BMW EfficientD	ynamics ss otion EU ²⁾	(EPS) coast optimi regu	, Auto Start Stop function, Optimum Shift Inc ing function (automatic transmission), intellig ised aerodynamic attributes, on-demand ope lated oil pump, differential with optimised-wa	licator, ECO PRO mode with ent lightweight construction, ration of ancillary units, map- rm-up behaviour, tyres with
BMW EfficientD standard feature	ynamics ss otion EU ²⁾	(EPS) coast optimi regu	, Auto Start Stop function, Optimum Shift Inc ing function (automatic transmission), intellig ised aerodynamic attributes, on-demand ope lated oil pump, differential with optimised-wa	licator, ECO PRO mode with ent lightweight construction, ration of ancillary units, map- rm-up behaviour, tyres with
BMW EfficientD standard feature standard feature Fuel Consump With standard w	ynamics ss otion EU ²⁾	(EPS) coast optimi regu	, Auto Start Stop function, Optimum Shift Inc ing function (automatic transmission), intellig ised aerodynamic attributes, on-demand ope lated oil pump, differential with optimised-wa reduced rolling resistand	licator, ECO PRO mode with ent lightweight construction, ration of ancillary units, maprm-up behaviour, tyres with ce 7.9 (7.0)
BMW EfficientD standard feature fuel Consump With standard w urban	ynamics ss otion EU ²⁾	(EPS), coast optimi regu	, Auto Start Stop function, Optimum Shift Inc ing function (automatic transmission), intellig ised aerodynamic attributes, on-demand ope lated oil pump, differential with optimised-wa reduced rolling resistand	licator, ECO PRO mode with ent lightweight construction, ration of ancillary units, maprm-up behaviour, tyres with ce 7.9 (7.0) 5.1 (4.7)
BMW EfficientD standard feature Fuel Consump With standard w urban inter-urban	ynamics ss otion EU ²⁾	(EPS) coast optimi regu	, Auto Start Stop function, Optimum Shift Incing function (automatic transmission), intelligised aerodynamic attributes, on-demand opelated oil pump, differential with optimised-wareduced rolling resistant	licator, ECO PRO mode with ent lightweight construction, reation of ancillary units, map-rm-up behaviour, tyres with ce 7.9 (7.0) 5.1 (4.7) 6.1 (5.5)
BMW EfficientD standard feature Fuel Consump With standard w urban inter-urban combined CO2	nynamics es otion EU ²⁾ Theels and tyres	(EPS), coast optimi regul	, Auto Start Stop function, Optimum Shift Incing function (automatic transmission), intelligised aerodynamic attributes, on-demand opelated oil pump, differential with optimised-wareduced rolling resistant 7.7 (7.1) 4.7 (4.5) 5.8 (5.5) 134 (127)	licator, ECO PRO mode with ent lightweight construction, ration of ancillary units, maprm-up behaviour, tyres with ce 7.9 (7.0) 5.1 (4.7)
Fuel Consump With standard w urban inter-urban combined CO ₂ With 8J x 18 wh	otion EU ²⁾ Theels and tyres Heels and 225/45	(EPS), coast optimi regu	, Auto Start Stop function, Optimum Shift Incing function (automatic transmission), intelligised aerodynamic attributes, on-demand opelated oil pump, differential with optimised-wareduced rolling resistant reduced rolling resistant 7.7 (7.1) 4.7 (4.5) 5.8 (5.5) 134 (127) In winter tyres,	licator, ECO PRO mode with ent lightweight construction, reation of ancillary units, map-rm-up behaviour, tyres with ce 7.9 (7.0) 5.1 (4.7) 6.1 (5.5)
Fuel Consump With standard w urban inter-urban combined CO ₂ With 8J x 18 wh with 8J x 18 wh	otion EU ²⁾ wheels and tyres wheels and 225/45 wheels (front), 8.5J	(EPS), coast optimi regu	, Auto Start Stop function, Optimum Shift Incing function (automatic transmission), intelligised aerodynamic attributes, on-demand opelated oil pump, differential with optimised-wareduced rolling resistant 7.7 (7.1) 4.7 (4.5) 5.8 (5.5) 134 (127)	licator, ECO PRO mode with ent lightweight construction, rration of ancillary units, maprm-up behaviour, tyres with ce 7.9 (7.0) 5.1 (4.7) 6.1 (5.5)
Fuel Consump With standard w urban inter-urban combined CO ₂ With 8J x 18 wh with 8J x 18 wh	otion EU ²⁾ wheels and tyres wheels and 225/45 wheels (front), 8.5J	(EPS), coast optimi regu	, Auto Start Stop function, Optimum Shift Incing function (automatic transmission), intelligised aerodynamic attributes, on-demand opelated oil pump, differential with optimised-wareduced rolling resistant reduced rolling resistant 4.7 (7.1) 4.7 (4.5) 5.8 (5.5) 134 (127) In winter tyres, 225/45 R18 tyres (front), 255/40 R18 (rear),	licator, ECO PRO mode with ent lightweight construction, rration of ancillary units, maprm-up behaviour, tyres with ce 7.9 (7.0) 5.1 (4.7) 6.1 (5.5) 143 (129)
Fuel Consump With standard w urban combined CO ₂ With 8J x 18 wh with 8J x 18 wh with 8J x 19 who	otion EU ²⁾ wheels and tyres wheels and 225/45 wheels (front), 8.5J	(EPS), coast optimi regularism	, Auto Start Stop function, Optimum Shift Incing function (automatic transmission), intelligised aerodynamic attributes, on-demand opelated oil pump, differential with optimised-wareduced rolling resistant reduced rolling resistant 4.7 (4.5) 5.8 (5.5) 134 (127) n winter tyres, 225/45 R18 tyres (front), 255/40 R18 (rear), 225/40 R19 tyres (front), 255/35 R19 (rear) 8.1 (7.6)	licator, ECO PRO mode with ent lightweight construction, rration of ancillary units, maprm-up behaviour, tyres with ce 7.9 (7.0) 5.1 (4.7) 6.1 (5.5) 143 (129)
Fuel Consump With standard w urban inter-urban with 8J x 18 wh with 8J x 19 wh urban inter-urban	otion EU ²⁾ wheels and tyres wheels and 225/45 wheels (front), 8.5J	(EPS), coast optimi regu	, Auto Start Stop function, Optimum Shift Incing function (automatic transmission), intelligised aerodynamic attributes, on-demand opelated oil pump, differential with optimised-wareduced rolling resistant reduced rolling resistant 4.7 (4.5) 5.8 (5.5) 134 (127) n winter tyres, 225/40 R18 (rear), 255/40 R18 (rear), 255/40 R19 tyres (front), 255/35 R19 (rear) 8.1 (7.6) 4.9 (4.7)	licator, ECO PRO mode with ent lightweight construction, rration of ancillary units, maprm-up behaviour, tyres with ce 7.9 (7.0) 5.1 (4.7) 6.1 (5.5) 143 (129) 8.4 (7.4) 5.4 (4.9)
Fuel Consump With standard w urban combined CO ₂ With 8J x 18 wh with 8J x 18 wh with 8J x 19 who urban	otion EU ²⁾ wheels and tyres wheels and 225/45 wheels (front), 8.5J	(EPS), coast optimi regularism	, Auto Start Stop function, Optimum Shift Incing function (automatic transmission), intelligised aerodynamic attributes, on-demand opelated oil pump, differential with optimised-wareduced rolling resistant reduced rolling resistant 4.7 (4.5) 5.8 (5.5) 134 (127) n winter tyres, 225/45 R18 tyres (front), 255/40 R18 (rear), 225/40 R19 tyres (front), 255/35 R19 (rear) 8.1 (7.6)	licator, ECO PRO mode with ent lightweight construction, rration of ancillary units, maprm-up behaviour, tyres with ce 7.9 (7.0) 5.1 (4.7) 6.1 (5.5) 143 (129)

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

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

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

		BMW 420i xDrive Coupe	BMW 430i xDrive Coupe
Body			
No of doors / seats		2/4	2/4
Length / width / height (unlade	en) mm	4640 / 1825 / 1392	4640 / 1825 / 1392
Wheelbase	mm	2810	2810
Track, front / rear	mm	1543 / 1589	1543 / 1589
Ground clearance	mm	145	145
Turning circle	m	11.8	11.8
Fuel tank capacity	approx. I	60	60
Engine oil 1)		5.25	5.25
Weight, unladen, to DIN/EU	kg	1560 / 1635	1575 / 1650
<i>5</i> , ,	9	(1570 / 1645)	
Max load to DIN	kg	520	520
Max permissible weight	kg	2080 (2090)	2095
Max axle load, front / rear	kg	995 / 1135	995 / 1140
Max trailer load,	kg		
braked (12%) / unbraked	· ·	1700 / 750	1700 / 750
Max roofload / max towbar download	kg	75 / 75	75 / 75
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
Engine technology		BMW TwinPower Turbo technology with	TwinScroll turbocharger, High
		Precision Direct Injection, VALVETRONIC Double-VANOS variable ca	
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/–	80 / Luggage compartment	80 / Luggage compartment
Driving Dynamics and Safe		Lorder and the Control Control of the State	2° - 1 1 1 1 2°
Suspension, front	Д	luminium double-joint spring strut axle with	
Commenciation		steering roll radius, traverse force o	<u> </u>
Suspension, rear		Five-link axle in lightweight	
Brakes, front		Single-piston floating-calliper d	
Brakes, rear		Single-piston floating-calliper d	
Driving stability systems	51	andard: DSC incl. ABS, ASC and DTC (Dyna Brake Control (CBC), Dynamic Brake Contr	
		Fading Compensation, Start-Off Ass	
		xDrive all-wheel-drive	,
Safety equipment		andard: airbags for driver and front passenge	
Carety equipment		assenger, head airbags for 1st and 2nd seat	
		on all seats, integrated at the front with belt t	, ,
	·	crash sensors, tyre press	•
Steering		Electric Power Steeri	
		with Servotronic function; optional: \	
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 Coupe	BMW 430i xDrive Coupe
Transmission				
Type of transmiss	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	11.6 (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
Top speed		km/h	233 (231)	250
BMW Efficient	ynamics			
BMW EfficientDy	namics		e Energy Regeneration with recuperation	
standard features	:	, ,	, Auto Start Stop function, Optimum Shif	. 0 "
			PRO mode with coasting function (autom	
			ghtweight construction, optimised aerody	
		0	peration of ancillary units, map-regulated	
			optimised warm-up behaviour, tyres with	reduced rolling resistance
Fuel Consumpt	ion EU ²⁾			
vviin Standard wr				
	eels and tyres		8.7 (7.7)	7.5
urban		l/100 km	8.7 (7.7) 5.4 (4.8)	
urban inter-urban		l/100 km l/100 km	5.4 (4.8)	5.0
urban inter-urban combined		l/100 km l/100 km l/100 km	5.4 (4.8) 6.6 (5.9)	5.0 5.9
urban inter-urban combined CO ₂	eels and tyres	l/100 km l/100 km l/100 km g/km	5.4 (4.8) 6.6 (5.9) 154 (137)	5.0 5.9
urban inter-urban combined CO ₂ With 8J x 18 whe	eels and tyres	I/100 km I/100 km I/100 km g/km 5 R18 tyres / wi	5.4 (4.8) 6.6 (5.9) 154 (137) th winter tyres,	5.0 5.9 138
urban inter-urban combined CO ₂ With 8J x 18 whee with 8J x 18 whee	eels and tyres els and 225/4 els (front), 8.5	/100 km /100 km /100 km g/km 5 R18 tyres / wi J x 18 (rear) and	5.4 (4.8) 6.6 (5.9) 154 (137) th winter tyres, 225/45 R18 tyres (front), 255/40 R18 (re	5.0 5.9 138 ar),
urban inter-urban combined CO ₂ With 8J x 18 whee with 8J x 18 whee	eels and tyres els and 225/4 els (front), 8.5	/100 km /100 km /100 km g/km 5 R18 tyres / wi J x 18 (rear) and	5.4 (4.8) 6.6 (5.9) 154 (137) th winter tyres, 225/45 R18 tyres (front), 255/40 R18 (re 225/40 R19 tyres (front), 255/35 R19 (re	5.0 5.9 138 ar), ar)
urban inter-urban combined CO ₂ With 8J x 18 whe with 8J x 19 whee with 8J x 19 whee	eels and tyres els and 225/4 els (front), 8.5	1/100 km 1/100 km 1/100 km g/km 5 R18 tyres / wi J x 18 (rear) and J x 19 (rear) and	5.4 (4.8) 6.6 (5.9) 154 (137) th winter tyres, 225/45 R18 tyres (front), 255/40 R18 (re 225/40 R19 tyres (front), 255/35 R19 (re 9.0 (8.1)	5.0 5.9 138 ar), ar) 7.8
urban inter-urban combined CO ₂ With 8J x 18 where with 8J x 19 where urban	eels and tyres els and 225/4 els (front), 8.5	I/100 km I/100 km I/100 km g/km 5 R18 tyres / wi J x 18 (rear) and J x 19 (rear) and I/100 km	5.4 (4.8) 6.6 (5.9) 154 (137) th winter tyres, 225/45 R18 tyres (front), 255/40 R18 (re 225/40 R19 tyres (front), 255/35 R19 (re 9.0 (8.1) 5.7 (5.1)	5.0 5.9 138 ar), ar) 7.8 5.2
urban inter-urban combined CO ₂ With 8J x 18 where with 8J x 19 where urban inter-urban	eels and tyres els and 225/4 els (front), 8.5	I/100 km I/100 km I/100 km g/km 5 R18 tyres / wi J x 18 (rear) and J x 19 (rear) and I/100 km I/100 km	5.4 (4.8) 6.6 (5.9) 154 (137) th winter tyres, 225/45 R18 tyres (front), 255/40 R18 (re 225/40 R19 tyres (front), 255/35 R19 (re 9.0 (8.1)	

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

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

BMW 4 Series Coupe. 440i.

		BMW 440i Coupe
Body		0.14
No of doors / seats	L	2/4
Length / width / height (unlad		4640 / 1825 / 1377
Wheelbase	mm	2810
Track, front / rear	mm	1547 / 1593
Ground clearance	mm	130
Turning circle	m .	11.3
Fuel tank capacity Engine oil 1)	approx. I	60
	1	6.5 1540 / 1615
Weight, unladen, to DIN/EU	kg	(1555 / 1630)
Max load to DIN	l.a	520
	kg	
Max permissible weight	kg	2060 (2075) 985 / 1130
Max axle load, front / rear	kg	98371130
Max trailer load, braked (12%) / unbraked	kg	1700 / 750
Max roofload / max towbar	kg	75/75
download	kg	13113
Luggage comp capacity		445
Air resistance	cd x A	0.30 x 2.16 (0.29 x 2.16)
All Tesistatioe	CUAA	0.00 x 2.10 (0.20 x 2.10)
Power Unit		
Config/No of cyls/valves		R/6/4
Engine technology		BMW TwinPower Turbo technology with TwinScroll turbocharger, High
Engine teermology		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 Sat	fety	
Suspension, front	Į.	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		andard: 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 Coupe
Transmission	1		
Type of transm	nission		6-speed manual (optional: 8-speed Steptronic)
Gear ratios		:1	4.110 (5.000)
	II	:1	2.315 (3.200)
	III	:1	1.542 (2.143)
	IV	:1	1.179 (1.720)
	V	:1	1.000 (1.314)
	VI	:1	0.846 (1.000)
	VII	:1	- (0.822)
	VIII	:1	- (0.640)
	R	:1	3.727 (3.456)
Final drive		:1	3.231 (2.813)
Performance			
Power-to-weig	ht 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)
DIAM ECC.			
BMW Efficier			Dolo Francisco Maria Maria Profession Profes
BMW Efficientlestandard feature	,		Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with
Stariuaru reatur	62		coasting function (automatic transmission), intelligent lightweight construction,
			optimised aerodynamic attributes, on-demand operation of ancillary units, map-
			regulated oil pump, differential with optimised-warm-up behaviour, tyres with
			reduced rolling resistance
Fuel Consum	ption EU 2)		
	wheels and tyres	;	
urban		I/100 km	10.0 (8.8)
inter-urban		I/100 km	5.9 (5.3)
combined		l/100 km	7.4 (6.6)
CO ₂		g/km	172 (154)
With 8J x 18 w	heels and 225/4	5 R18 tyres	s / with winter tyres,
with 8J x 18 wh	heels (front), 8.5.	J x 18 (rear)) and 225/45 R18 tyres (front), 255/40 R18 (rear),
with 8J x 19 wh	heels (front), 8.5	J x 19 (rear)) and 225/40 R19 tyres (front), 255/35 R19 (rear)
urban		l/100 km	10.4 (9.1)
inter-urban		l/100 km	6.1 (5.5)
combined		l/100 km	7.7 (6.8)
CO ₂		g/km	179 (159)

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

 $^{^{9}\,}$ Oil change $^{2}\,$ Fuel consumption and CO_2 emissions depend on the selected tyre format

BMW 4 Series Coupe. 440i xDrive.

		BMW 440i xDrive Coupe
		•
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	
braked (12%) / unbraked	9	1800 / 750
Max roofload / max towbar	kg	75/75
download	· · · · · ·	707.70
Luggage comp capacity	1	445
Air resistance	cd x A	0.31 x 2.16
- III TOSISTATIO	CUXA	0.0 1 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		5500
	rpm	450/332
Max torque at	Nm/lb-ft	
al	rpm	1380 – 5000
Electrical System		
Battery/installation	Ah/–	90 / Luggage
•		compartment
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	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
		xDrive all-wheel-drive system
Safety equipment	S	tandard: 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)
o.comiy		with Servotronic function; optional: Variable Sport Steering
Steering ratio, overall	:1	15.1
Tyres, front / rear	.1	225/50 R17 94W
Rims, front / rear		
rains, ituit / fedi		7.5J x 17 LM

			BMW 440i xDrive Coupe
Transmission			
Type of transmi			6-speed manual (optional: 8-speed Steptronic)
Gear ratios		:1	4.110 (5.000)
	П	: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	at ratio (DINI)	Ica/IcAA/	6.7 (6.0)
Power-to-weigh	it ratio (Diin)	kg/kW	6.7 (6.8)
Output per litre Acceleration	0–100 km/h	kW/l	80.1
	0-100 Km/n	S	5.0 (4.9)
Top speed		km/h	250 (250)
BMW Efficient	tDynamics		
BMW EfficientD		Bra	ake Energy Regeneration with recuperation display, Electric Power Steering
standard feature	,		PS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with
			asting function (automatic transmission), intelligent lightweight construction,
			imised aerodynamic attributes, on-demand operation of ancillary units, map-
		re	egulated oil pump, rear differential with optimised warm-up behaviour, tyres
			with reduced rolling resistance
	3)		
Fuel Consump			
With standard w	vneels and tyres		10.4 (0.0)
urban		l/100 km	10.4 (9.3)
inter-urban		I/100 km	6.1 (5.6)
combined		I/100 km	7.7 (7.0)
CO ₂	1 1005/4	g/km	179 (162)
			with winter tyres,
			nd 225/45 R18 tyres (front), 255/40 R18 (rear),
	ieeis (iront), 8.5.	1/100 km	nd 225/40 R19 tyres (front), 255/35 R19 (rear)
urban			10.7 (9.7)
inter-urban		l/100 km	6.3 (5.9)
combined		l/100 km	7.9 (7.3)
CO ₂		g/km	185 (169)
Emission rating			EU6

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

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

BMW 4 Series Coupe. 420d.

		BMW 420d Coupe
D. I		
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)	I_	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		
Luggage comp capacity	I	445
Air resistance	cd x A	0.28 x 2.16
Power Unit		
Config/No of cyls/valves		In-line/4/4
Engine technology		BMW TwinPower Turbo technology: variable-geometry turbocharger,
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/-	80 (90) / Luggage
		compartment
		·
Driving Dynamics and Safe		
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		Standard: airbags for driver and front passenger, side airbags for driver and
ca.ory oquipmont	fı	ront passenger, head airbags for 1st and 2nd seat row, three-point inertia-reel
	II	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)
Closing		with Servotronic function, optional: Variable Sport Steering
Steering ratio, overall	:1	15.0
Tyres, front / rear	.1	225/50 R17 94W
Rims, front / rear		7.5J x 17 LM
rains, itulici tedi		7.50 X 17 LIVI

			BMW 420d Coupe
Transmission			
Type of transmis			6-speed manual (8-speed Steptronic)
Gear ratios	<u> </u>	:1	4.110 (5.000)
	ll ll	:1	2.247 (3.200)
	III	:1	1.403 (2.143)
	IV	:1	1.000 (1.720)
	V	:1	0.802 (1.314)
	VI	:1	0.659 (1.000)
	VII	:1	- (0.822)
	VIII	:1	- (0.640)
	R	:1	3.727 (3.456)
Final drive		:1	3.154 (2.813)
Performance			
Power-to-weight	ratio (DIN)	kg/kW	10.5 (10.7)
Output per litre		kW/l	70.2
Acceleration	0-100 km/h	S	7.3 (7.1)
Top speed		km/h	240 (232)
BMW Efficientl	Dynamics		
BMW EfficientDy	,		e Energy Regeneration with recuperation display, Electric Power Steering
standard features	S	, ,), 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	tion FII ²⁾		
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 ₂		g/km	111 (106)
With 8J x 18 whe	eels and 225/45	R18 tyres / with	n winter tyres,
			225/45 R18 tyres (front), 255/40 R18 (rear),
			225/40 R19 tyres (front), 255/35 R19 (rear)
urban		l/100 km	5.5 (5.1)
inter-urban		l/100 km	3.9 (3.9)
combined		l/100 km	4.5 (4.3)
CO ₂		g/km	119 (114)
Emission rating			EU6

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

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

BMW 4 Series Coupe. 420d xDrive.

		BMW 420d xDrive Coupe
Body		
No of doors / seats		2/4
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)	арргол. г	5.0
Weight, unladen, to DIN/EU	kg	1540 / 1615
Weight, unladen, to blive	ĸg	(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,		
braked (12%) / unbraked	kg	1600 / 750
Max roofload / max towbar	kg	75 / 75
download		
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,
3 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/-	80 (90) / Luggage
		compartment
Driving Dynamics and Safe	ntv	
Suspension, front		Aluminium double-joint spring strut axle with displaced camber, small positive
Cuoponoion, 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
Salety Squipmont	f	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)
S. C. S. III. III.		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
		FIGURAL FILLING

Transmission			
Type of transm			6-speed manual (8-speed Steptronic)
Gear ratios	ISSION	:1	6-speed manual (8-speed Steptronic) 4.110 (5.000)
Geal Tallos	<u> </u>	:1	2.315 (3.200)
			, ,
	III IV	:1 :1	1.542 (2.143)
	V	:1	1.179 (1.720)
	<u>-</u>		1.000 (1.314)
	VI	:1	0.846 (1.000)
	VII VIII	:1	- (0.822)
		: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	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)
BMW Efficien	tDynamics		
BMW Efficient			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,
			map-regulated oil pump, rear differential with optimised warm-up behaviour,
			tyres with reduced rolling resistance
	31		
Fuel Consum			
	vheels and tyres		F 0 /F 0)
urban		I/100 km	5.3 (5.2)
inter-urban		I/100 km	3.9 (4.0)
combined		I/100 km	4.4 (4.4)
CO ₂		g/km	117 (117)
			/ with winter tyres,
			and 225/45 R18 tyres (front), 255/40 R18 (rear),
	neels (front), 8.5c		and 225/40 R19 tyres (front), 255/35 R19 (rear)
urban		I/100 km	5.8 (5.6)
inter-urban		I/100 km	4.1 (4.2)
combined		I/100 km	4.7 (4.7)
CO ₂		g/km	125 (125)
Emission rating			EU6

BMW 420d xDrive Coupe

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

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

BMW 4 Series Coupe. 430d.

		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)	- прогожн	6.5
Weight, unladen, to DIN/EU	kg	1540 / 1615
Max load to DIN	kg kg	520
		2060
Max permissible weight	kg	985 / 1120
Max axle load, front / rear	kg	9637 1120
Max trailer load,	kg	1800 / 750
braked (12%) / unbraked	1	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	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		
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

			BMW 430d Coupe
Transmission			
Type of transmis	sion		8-speed 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	8.1
Output per litre	, ,	kW/l	63.5
Acceleration	0-100 km/h	S	5.5
Top speed		km/h	250
BMW Efficient	Dynamics		
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, differential with optimised warm-up behaviour, tyres with reduced rolling resistance
Fuel Consump	tion FU ²⁾		
With standard wh			
urban		l/100 km	5.7
inter-urban		1/100 km	4.5
combined		1/100 km	4.9
CO ₂		g/km	129
With 8J x 18 who	els (front), 8.50	5 R18 tyres J x 18 (rear)	/ with winter tyres, and 225/45 R18 tyres (front), 255/40 R18 (rear), and 225/40 R19 tyres (front), 255/35 R19 (rear)
urban	,5.5 (115116), 5.56	1/100 km	5.9
inter-urban		1/100 km	4.6
combined		I/100 km	5.1
			134
CO ₂		g/km	
Emission rating			EU6

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

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

BMW 4 Series Coupe. 430d xDrive.

		BMW 430d xDrive Coupe
Body		
No of doors / seats		2/4
Length / width / height (unladen)	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)		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	9	1800 / 750
Max roofload / max towbar	kg	75 / 75
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	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, cross-linking with xDrive all-wheel- drive system in the Integrated Chassis Management (ICM)
Safety equipment	f	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 defect indicator
Steering		Electric Power Steering (EPS) with Servotronic function; optional: Variable Sport Steering
Steering ratio, overall	:1	15.1
J,		-11
Tyres, front / rear		225/50 R17 94W

			BMW 430d xDrive Coupe
Transmission			
Type of transmis	ssion		8-speed automatic transmission with Steptronic
Gear ratios	J	: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		:1	2.563
Performance			
Power-to-weigh	at ratio (DINI)	kg/kW	8.5
Output per litre	it ratio (Dilv)	kW/l	63.5
Acceleration	0–100 km/h	S S	5.2
Top speed	0-100 KIII/II	km/h	250
	tDvnamics		
BMW Efficient BMW EfficientD standard feature	ynamics		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
BMW Efficient BMW EfficientD standard feature	Dynamics es		(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
BMW Efficient BMW EfficientD standard feature	oynamics es otion EU ²⁾		(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
BMW EfficientD BMW EfficientD standard feature Fuel Consump With standard w	oynamics es otion EU ²⁾		(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
BMW EfficientD BMW EfficientD standard feature Fuel Consump With standard w urban	oynamics es otion EU ²⁾	1/100	(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 6.0
BMW EfficientD BMW EfficientD standard feature Fuel Consump With standard w urban inter-urban	oynamics es otion EU ²⁾	l/100 l/100	(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 6.0 4.8
BMW EfficientD BMW EfficientD standard feature Fuel Consump With standard w urban inter-urban combined	oynamics es otion EU ²⁾	1/100 1/100 1/100	(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 6.0 4.8 5.2
BMW EfficientD Standard feature Fuel Consump With standard w urban inter-urban combined CO ₂ With 8J x 18 wh with 8J x 18 wh	option EU ²⁾ wheels and tyres heels and 225/45 eels (front), 8.5J	/100 /100 /100 g/km 5 R18 tyres x 18 (rear)	(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 6.0 4.8 5.2 137 / with winter tyres, and 225/45 R18 tyres (front), 255/40 R18 (rear),
BMW Efficient BMW EfficientD standard feature Fuel Consump With standard w urban inter-urban combined CO ₂ With 8J x 18 wh with 8J x 18 wh with 8J x 19 wh	option EU ²⁾ wheels and tyres heels and 225/45 eels (front), 8.5J	/100 /100 /100 g/km 5 R18 tyres x 18 (rear) x 19 (rear)	(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 6.0 4.8 5.2 137
BMW EfficientD Standard feature Fuel Consump With standard w urban inter-urban combined CO ₂ With 8J x 18 wh with 8J x 18 wh with 8J x 19 whe urban	option EU ²⁾ wheels and tyres heels and 225/45 eels (front), 8.5J	/100 /100 /100 g/km 5 R18 tyres x 18 (rear) x 19 (rear) /100	(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 6.0 4.8 5.2 137 / with winter tyres, and 225/45 R18 tyres (front), 255/40 R18 (rear), and 225/40 R19 tyres (front), 255/35 R19 (rear) 6.2
BMW EfficientD BMW EfficientD standard feature Fuel Consump With standard w urban inter-urban combined CO ₂ With 8J x 18 wh with 8J x 18 wh with 8J x 19 who urban inter-urban	option EU ²⁾ wheels and tyres heels and 225/45 eels (front), 8.5J	/100 /100 /100 g/km 5 R18 tyres x 18 (rear) x 19 (rear) /100	(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 6.0 4.8 5.2 137 / with winter tyres, and 225/45 R18 tyres (front), 255/40 R18 (rear), and 225/40 R19 tyres (front), 255/35 R19 (rear) 6.2 4.9
BMW EfficientD Standard feature Fuel Consump With standard w urban inter-urban combined CO ₂ With 8J x 18 wh with 8J x 18 wh with 8J x 19 whe urban	option EU ²⁾ wheels and tyres heels and 225/45 eels (front), 8.5J	/100 /100 /100 g/km 5 R18 tyres x 18 (rear) x 19 (rear) /100	intelligent lightweight construction, optimised aerodynamic attributes, ondemand operation of ancillary units, rear differential with optimised warm-up behaviour, tyres with reduced rolling resistance 6.0 4.8 5.2 137 / with winter tyres, and 225/45 R18 tyres (front), 255/40 R18 (rear), and 225/40 R19 tyres (front), 255/35 R19 (rear) 6.2

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

 $[\]stackrel{1)}{\sim}$ Oil change $\stackrel{2)}{\sim}$ Fuel consumption and CO_2 emissions depend on the selected tyre format

BMW 4 Series Coupe. 435d xDrive.

		BMW 435d xDrive Coupe
Body No of doors / seats		2/4
Length / width / height (unlader	n) mm	4640 / 1825 / 1392
Wheelbase	•	2810
	mm	1543 / 1589
Track, front / rear	mm	145
Ground clearance	mm	11.8
Turning circle	m	57
Fuel tank capacity	approx. I	
Engine oil 1)	<u>l</u>	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		1800 / 750
Max roofload / max towbar	kg	75 / 75
Luggage comp capacity	I	445
Air resistance	cd x A	0.30 x 2.16
Power Unit		
Config/No of cyls/valves		R/6/4
Engine technology	E	BMW TwinPower Turbo technology: multi-stage high-pressure turbocharging
33,		ith 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
Max output	kW/hp	230 / 313
at	rpm	4400
Max torque	Nm/lb-ft	630/464
		1500 – 2500
at	rpm	1300 – 2300
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
Casponoisi, 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-pistor floating-calliper disc brakes / vented
		tandard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering
Driving stability systems	3	Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function,
	F	Fading Compensation, Start-Off Assistant, cross-linking with xDrive all-wheel-
	•	drive system in the Integrated Chassis Management (ICM)
		Standard: airbags for driver and front passenger, side airbags for driver and
Safety equipment	,	ront passenger, head airbags for 1st and 2nd seat row, three-point inertia-reel
Safety equipment	†ı	
Safety equipment	ħ	belts on all seats, integrated at the front with belt tensioners and belt force
Safety equipment	†ı	
		belts on all seats, integrated at the front with belt tensioners and belt force
Safety equipment Steering		belts on all seats, integrated at the front with belt tensioners and belt force limiter, crash sensors, tyre defect indicator
Steering		belts on all seats, integrated at the front with belt tensioners and belt force limiter, crash sensors, tyre defect indicator Electric Power Steering (EPS) with Servotronic function; optional: Variable Sport Steering
	:1	belts on all seats, integrated at the front with belt tensioners and belt force limiter, crash sensors, tyre defect indicator Electric Power Steering (EPS)

			BMW 435d xDrive Coupe
Transmission			
Type of transmi	ssion		8-speed automatic transmission with Steptronic
Gear 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-weigh	nt 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	Dynamics		
			Brake Energy Regeneration with recuperation display, Electric Power Steerin
BMW EfficientD standard feature	,		(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
standard feature	es 		intelligent lightweight construction, optimised aerodynamic attributes, on- demand operation of ancillary units, rear differential with optimised warm-up
standard feature	otion EU ²⁾		intelligent lightweight construction, optimised aerodynamic attributes, on- demand operation of ancillary units, rear differential with optimised warm-up
standard feature	otion EU ²⁾	3	intelligent lightweight construction, optimised aerodynamic attributes, on- demand operation of ancillary units, rear differential with optimised warm-up
standard feature Fuel Consump With standard w urban	otion EU ²⁾	s I/100 km	intelligent lightweight construction, optimised aerodynamic attributes, on- demand operation of ancillary units, rear differential with optimised warm-up behaviour, tyres with reduced rolling resistance
standard feature Fuel Consump With standard w urban inter-urban	otion EU ²⁾	s //100 km //100 km	intelligent lightweight construction, optimised aerodynamic attributes, on- demand operation of ancillary units, rear differential with optimised warm-up behaviour, tyres with reduced rolling resistance 6.4
Fuel Consump With standard w urban inter-urban combined	otion EU ²⁾	6 /100 km /100 km /100 km	intelligent lightweight construction, optimised aerodynamic attributes, on- demand operation of ancillary units, rear differential with optimised warm-up behaviour, tyres with reduced rolling resistance 6.4 4.9 5.4
Fuel Consump With standard w urban inter-urban combined CO ₂ With 8J x 18 wh with 8J x 18 wh	potion EU ²⁾ wheels and tyres heels and 225/4 eels (front), 8.5.	1/100 km 1/100 km 1/100 km 1/100 km g/km 5 R18 tyres J x 18 (rear)	intelligent lightweight construction, optimised aerodynamic attributes, on- demand operation of ancillary units, rear differential with optimised warm-up behaviour, tyres with reduced rolling resistance 6.4 4.9
Fuel Consump With standard w urban inter-urban combined CO ₂ With 8J x 18 wh with 8J x 18 wh with 8J x 19 wh	potion EU ²⁾ wheels and tyres heels and 225/4 eels (front), 8.5.	5 /100 km /100 km /100 km g/km 5 R18 tyres J x 18 (rear) J x 19 (rear)	intelligent lightweight construction, optimised aerodynamic attributes, ondemand operation of ancillary units, rear differential with optimised warm-up behaviour, tyres with reduced rolling resistance 6.4 4.9 5.4 143 if with winter tyres, and 225/45 R18 tyres (front), 255/40 R18 (rear),
Fuel Consump With standard w urban inter-urban combined CO ₂ With 8J x 18 wh with 8J x 18 wh with 8J x 19 wh urban	potion EU ²⁾ wheels and tyres heels and 225/4 eels (front), 8.5.	5 /100 km /100 km /100 km g/km 5 R18 tyres J x 18 (rear) J x 19 (rear) /100 km	intelligent lightweight construction, optimised aerodynamic attributes, ondemand operation of ancillary units, rear differential with optimised warm-up behaviour, tyres with reduced rolling resistance 6.4 4.9 5.4 143 i / with winter tyres, and 225/45 R18 tyres (front), 255/40 R18 (rear), and 225/40 R19 tyres (front), 255/35 R19 (rear)
Fuel Consump With standard w with standard w with standard w with and combined CO ₂ With 8J x 18 wh with 8J x 18 wh with 8J x 19 wh with 8J x 19 wh with 8J x 19 wh with 8J x 19 wh	potion EU ²⁾ wheels and tyres heels and 225/4 eels (front), 8.5.	5 /100 km /100 km /100 km g/km 5 R18 tyres J x 18 (rear) J x 19 (rear) /100 km /100 km	intelligent lightweight construction, optimised aerodynamic attributes, ondemand operation of ancillary units, rear differential with optimised warm-up behaviour, tyres with reduced rolling resistance 6.4 4.9 5.4 143 s/ with winter tyres, and 225/45 R18 tyres (front), 255/40 R18 (rear), and 225/40 R19 tyres (front), 255/35 R19 (rear) 6.6
Fuel Consump With standard w urban inter-urban combined CO ₂ With 8J x 18 wh with 8J x 18 wh with 8J x 19 wh urban	potion EU ²⁾ wheels and tyres heels and 225/4 eels (front), 8.5.	5 /100 km /100 km /100 km g/km 5 R18 tyres J x 18 (rear) J x 19 (rear) /100 km	intelligent lightweight construction, optimised aerodynamic attributes, ondemand operation of ancillary units, rear differential with optimised warm-up behaviour, tyres with reduced rolling resistance 6.4 4.9 5.4 143 s / with winter tyres, and 225/45 R18 tyres (front), 255/40 R18 (rear), and 225/40 R19 tyres (front), 255/35 R19 (rear) 6.6 5.0

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

 $^{^{1)}}$ Oil change $^{2)}$ Fuel consumption and 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	13447 1393
Turning circle	m	11.3	11.3
Fuel tank capacity	approx. I	60	60
Engine oil 1)	арргох. г	5.25	5,25
Weight, unladen, to DIN/EU	kg	1700 / 1775	
Weight, unladen, to blive	ĸy	(1715 / 1790)	(1735 / 1810)
Max load to DIN	kg	470	460
Max permissible weight		2170 (2185)	2170 (2195)
Max axle load, front / rear	kg	960 / 1250	965 / 1255
Max trailer load,	kg	90071230	9037 1233
braked (12%) / unbraked	kg	1400 (1500) / 695	1600 / 745
Max roofload / max towbar	kg	-/75	-/75
download	ĸy	-113	-175
Luggage comp capacity	L	370	370
Air resistance	cd x A	0.30 x 2.16	0.30 x 2.16
All Tesistance	CUAA	0.50 x 2.10	0.30 X 2.10
Power Unit			
Config/No of cyls/valves		In-line/4/4	In-line/4/4
Engine technology		BMW TwinPower Turbo technology w	rith TwinScroll turbocharger, High
		Precision Direct Injection, VALVETROI Double-VANOS variable	,
Effective consoits			<u> </u>
Effective capacity Stroke / bore	CC	1998	1998
	mm	94.6 / 82.0	94.6 / 82.0 10.2
Compression ratio	:1	11.0	
Fuel December ded final		RON 90 – 98	RON 90 – 98
Recommended fuel	1.3 \$ / //= -=	RON 95	RON 95
Max output	kW/hp	135 / 184	185 / 252
at	rpm	5000	5200
Max torque	Nm/lb-ft	290/214 (270/199)	350/258
at	rpm	1350 – 4600	1450 – 4800
Electrical System			
Battery/installation	Ah/–	90 / Luggage compartment	90 / Luggage compartment
Driving Dynamics and Safet	v		
Suspension, front		Aluminium double-joint spring strut axle v	vith displaced camber, small positive
,		steering roll radius, traverse for	
Suspension, rear		Five-link axle in lightwe	
Brakes, front		Single-piston floating-callip	<u> </u>
Brakes, rear		Single-piston floating-callip	
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (I	
Ziving stability systems		Brake Control (CBC), Dynamic Brake C	
		Fading Compensation,	
Safety equipment	S	Standard: airbags for driver and front passe	
, , ,		passenger combined with head airbags, the	= :
		seats, integrated at the front with belt ter	
		sensors, rollover protection syst	
Steering		Electric Power St	
3		with Servotronic function; option	9
Steering ratio, overall	:1	15.0	15.0
Tyres, front / rear		225/50 R17 94W	225/50 R17 98W XL
Rims, front / rear		7.5J x 17 LM	7.5J x 17 LM

			BMW 420i Convertible	BMW 430i Convertible
Transmission				
Type of transmi	ssion		6-speed manual (optional: 8-sp	peed Steptronic)
Gear ratios	I	:1	4.002 (5.000)	3.683 (5.000)
	II	:1	2.130 (3.200)	2.062 (3.200)
	III	:1	1.396 (2.143)	1.313 (2.143)
	IV	:1	1.000 (1.720)	1.000 (1.720)
	V	:1	0.781 (1.314)	0.809 (1.314)
	VI	:1	0.668 (1.000)	0.677 (1.000)
	VII	:1	- (0.822)	- (0.822)
	VIII	:1	- (0.640)	- (0.640)
	R	:1	3.647 (3.456)	3.348 (3.456)
Final drive		:1	3.462 (2.813)	3.909 (2.813)
Performance				
Power-to-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 Efficient C standard feature	,	(EPS)	Energy Regeneration with recuperation , Auto Start Stop function, Optimum Shift ing function (automatic transmission), inte	Indicator, ECO PRO mode with
		optimi	sed aerodynamic attributes, on-demand lated oil pump, differential with optimised reduced rolling resis	operation of ancillary units, map- warm-up behaviour, tyres with
Fuel Consum:	otion EU ²⁾	optimi	sed aerodynamic attributes, on-demand lated oil pump, differential with optimised	operation of ancillary units, map- warm-up behaviour, tyres with
Fuel Consump With standard w		optimi	sed aerodynamic attributes, on-demand lated oil pump, differential with optimised	operation of ancillary units, map- warm-up behaviour, tyres with
With standard w		optimi regu	sed aerodynamic attributes, on-demand lated oil pump, differential with optimised reduced rolling resis	operation of ancillary units, map- -warm-up behaviour, tyres with tance
With standard w urban		optimi regu l/100 km	sed aerodynamic attributes, on-demand lated oil pump, differential with optimised reduced rolling resis 8.0 (7.6)	operation of ancillary units, map- warm-up behaviour, tyres with tance
With standard w urban inter-urban		optimi regul	sed aerodynamic attributes, on-demand lated oil pump, differential with optimised reduced rolling resis 8.0 (7.6) 5.1 (4.8)	operation of ancillary units, map- -warm-up behaviour, tyres with tance 8.6 (7.5) 5.5 (5.0)
With standard w urban		optimi regul	sed aerodynamic attributes, on-demand lated oil pump, differential with optimised reduced rolling resis 8.0 (7.6) 5.1 (4.8) 6.2 (5.8)	operation of ancillary units, map- warm-up behaviour, tyres with tance 8.6 (7.5) 5.5 (5.0) 6.6 (5.9)
With standard w urban inter-urban combined CO ₂	vheels and tyres	optimi regul	sed aerodynamic attributes, on-demand lated oil pump, differential with optimised reduced rolling resis 8.0 (7.6) 5.1 (4.8) 6.2 (5.8) 145 (136)	operation of ancillary units, map- warm-up behaviour, tyres with tance 8.6 (7.5) 5.5 (5.0)
With standard wurban inter-urban combined CO ₂ With 8J x 18 wh	wheels and tyres	optimi regu	sed aerodynamic attributes, on-demand lated oil pump, differential with optimised reduced rolling resis 8.0 (7.6) 5.1 (4.8) 6.2 (5.8) 145 (136)	operation of ancillary units, map- warm-up behaviour, tyres with tance 8.6 (7.5) 5.5 (5.0) 6.6 (5.9) 154 (138)
With standard wurban inter-urban combined CO ₂ With 8J x 18 whwith 8J x 18 wh	wheels and tyres neels and 225/49 eels (front), 8.5	optimi regul 1/100 km 1/100 km 1/100 km g/km 5 R18 tyres / with x 18 (rear) and 2	sed aerodynamic attributes, on-demand lated oil pump, differential with optimised reduced rolling resis 8.0 (7.6) 5.1 (4.8) 6.2 (5.8) 145 (136) n winter tyres,	poperation of ancillary units, map- warm-up behaviour, tyres with tance 8.6 (7.5) 5.5 (5.0) 6.6 (5.9) 154 (138)
With standard wurban inter-urban combined CO ₂ With 8J x 18 whwith 8J x 18 wh	wheels and tyres neels and 225/49 eels (front), 8.5	optimi regul 1/100 km 1/100 km 1/100 km g/km 5 R18 tyres / with x 18 (rear) and 2	sed aerodynamic attributes, on-demand lated oil pump, differential with optimised reduced rolling resis 8.0 (7.6) 5.1 (4.8) 6.2 (5.8) 145 (136) n winter tyres, 225/45 R18 tyres (front), 255/40 R18 (rea	operation of ancillary units, map- warm-up behaviour, tyres with tance 8.6 (7.5) 5.5 (5.0) 6.6 (5.9) 154 (138) rr),
With standard wurban inter-urban combined CO ₂ With 8J x 18 wh with 8J x 18 wh with 8J x 19 wh	wheels and tyres neels and 225/49 eels (front), 8.5	//100 km	sed aerodynamic attributes, on-demand lated oil pump, differential with optimised reduced rolling resis 8.0 (7.6) 5.1 (4.8) 6.2 (5.8) 145 (136) n winter tyres, 225/45 R18 tyres (front), 255/40 R18 (rea	9.0 (7.9)
With standard wurban inter-urban combined CO2 With 8J x 18 whwith 8J x 19 whurban	wheels and tyres neels and 225/49 eels (front), 8.5	optimi regul 1/100 km 1/100 km 1/100 km g/km 5 R18 tyres / with x 18 (rear) and 2 1/100 km	sed aerodynamic attributes, on-demand lated oil pump, differential with optimised reduced rolling resis 8.0 (7.6) 5.1 (4.8) 6.2 (5.8) 145 (136) n winter tyres, 225/45 R18 tyres (front), 255/40 R18 (rea 8.6 (8.1)	9.0 (7.9) 5.8 (5.3)
With standard wurban inter-urban combined CO2 With 8J x 18 whwith 8J x 19 whurban inter-urban	wheels and tyres neels and 225/49 eels (front), 8.5	optimi regul 1/100 km 1/100 km 1/100 km g/km 5 R18 tyres / with x 18 (rear) and 2 1/100 km 1/100 km	8.0 (7.6) 8.0 (7.6) 5.1 (4.8) 6.2 (5.8) 145 (136) n winter tyres, 225/40 R19 tyres (front), 255/35 R19 (rea 8.6 (8.1) 5.5 (5.1)	operation of ancillary units, map- warm-up behaviour, tyres with tance 8.6 (7.5) 5.5 (5.0) 6.6 (5.9) 154 (138)

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

 $[\]stackrel{1)}{\sim}$ Oil change $^{2)}$ Fuel consumption and 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)		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	kg	1035 / 1255
Max trailer load,	kg	10007.1200
braked (12%) / unbraked	ng.	1700 / 750
Max roofload / max towbar	kg	-/75
download	1.9	110
Luggage comp capacity	1	370
Air resistance	cd x A	0.31 x 2.16
7 111 10010141100	σακπ	0.0 T X 2.110
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
Electrical Cuetom		
Electrical System Battery/installation	Ah/-	90 / Luggage
Datter y/II istaliation	AII/-	compartment
		compartment
Driving Dynamics and Safe	ety	
Suspension, front	А	luminium 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	St	andard: 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	Sta	andard: airbags for driver and front passenger, side airbags for driver and front
		assenger combined with head airbags, three-point inertia-reel seatbelts on all
		eats, 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
		7.00 A . 7 E. W

			BMW 430i xDrive
			Convertible
Transmission			
Type of transmi			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	at ratio (DINI)	kg/kW	9.8
Output per litre		kW/l	92.6
Acceleration	0–100 km/h	S	6.4
Top speed	0-100 KIII/II	km/h	250
Top speed		NIII/II	230
BMW Efficien	tDynamics		
BMW Efficient[Dynamics		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
Fuel Consum	ntion EU 2)		
	vheels and tyres		
urban		l/100 km	8.1
inter-urban		l/100 km	5.4
combined		l/100 km	6.4
CO ₂		g/km	149
With 8J x 18 wh	neels and 225/4	5 R18 tyres	s / with winter tyres,
with 8J x 18 wh	eels (front), 8.50	J x 18 (rear)	and 225/45 R18 tyres (front), 255/40 R18 (rear),
with 8J x 19 wh	eels (front), 8.5		and 225/40 R19 tyres (front), 255/35 R19 (rear)
urban		l/100 km	8.5
inter-urban		l/100 km	5.7
combined		l/100 km	6.7
CO ₂		g/km	156
Emission rating			EU6

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

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

BMW 4 Series Convertible. 440i.

		BMW 440i Convertible
Dadu		
Body No of deers / seets		2/4
No of doors / seats Length / width / height (unlade		4640 / 1825 / 1384
Wheelbase	en) mm mm	2810
Track, front / rear		1544 / 1593
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	1770 / 1845
Max load to DIN	kg	460
Max permissible weight	kg	2230
Max axle load, front / rear	kg kg	995 / 1255
Max trailer load,	kg	3337 1233
braked (12%) / unbraked	Ng.	1700 / 750
Max roofload / max towbar	kg	-175
download	Ng	773
Luggage comp capacity		370
Air resistance	cd x A	0.30 x 2.16
7 III TOSISTATIO		0100 N E110
Power Unit		
Config/No of cyls/valves		R/6/4
Engine technology		BMW TwinPower Turbo technology with TwinScroll turbocharger, High
go tooogy		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	∍ty	
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 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 transmiss	sion		8-speed Steptronic
Gear ratios		:1	5,000
<u> </u>	<u> </u>	:1	3.200
	ill	: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.	:1	2.813
Performance			
Power-to-weight	ratio (DINI)	kg/kW	7.4
Output per litre	ratio (Diiv)	kW/l	80.1
Acceleration	0–100 km/h		5.4
Top speed	0-100 Km/m	s km/h	250
1 op speed		KIII/II	230
BMW Efficient	Dynamics		
BMW EfficientDy			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, map-regulated oil pump, differential with
			optimised-warm-up behaviour, tyres with reduced rolling resistance
Fuel Consumpt	ion EU ²⁾		
With standard wh	eels and tyres		
urban		l/100 km	9.1
inter-urban		l/100 km	5.5
combined		I/100 km	6.8
CO ₂		g/km	159
With 8J x 18 whe	els and 225/45	R18 tyres	s / with winter tyres,
with 8J x 18 whee	els (front), 8.5J	x 18 (rear)) and 225/45 R18 tyres (front), 255/40 R18 (rear),
with 8J x 19 whee	els (front), 8.5J	x 19 (rear)) and 225/40 R19 tyres (front), 255/35 R19 (rear)
urban		l/100 km	9.5
inter-urban		l/100 km	5.8
combined		l/100 km	7.2
CO ₂		g/km	167
Emission rating			EU6

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

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

BMW 4 Series Convertible. 440i xDrive.

		BMW 440i xDrive
		Convertible
Body		
No of doors / seats		2/4
Length / width / height (unlade	n) 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)	I	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,	kg	
braked (12%) / unbraked		1800 / 750
Max roofload / max towbar	kg	-175
download		
Luggage comp capacity	I	370
Air resistance	cd x A	0.31 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
Satto. y istanation	,	compartment
		·
Driving Dynamics and Safe	ty	
Suspension, front	A	luminium 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	St	andard: 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		andard: airbags for driver and front passenger, side airbags for driver and front
		assenger 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	15.1
Tyres, front / rear		225/50 R17 98W XL
Rims, front / rear		7.5J x 17 LM

			BMW 440i xDrive
			Convertible
Transmission			
Type of transm			8-speed Steptronic
Gear ratios	<u> </u>	:1	5.000
	ll ll	: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		kg/kW	7.7
Output per litre	!	kW/l	80.1
Acceleration	0–100 km/h	S	5.4
Top speed		km/h	250
BMW Efficien			
BMW Efficient[standard featur			Brake Energy Regeneration with recuperation display, Electric Power Steering
standard featur	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 rolling resistance
Fuel Consum	ntion FII 2)		
	wheels and tyres	3	
urban		I/100 km	9,8
inter-urban		I/100 km	5.8
combined		I/100 km	7.3
CO ₂		g/km	169
	heels and 225/4		/ 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	10.3
inter-urban		I/100 km	6.1
combined		1/100 km	7.6
CO ₂		g/km	177
Emission rating	 I	9	EU6
			200

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

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

BMW 4 Series Convertible. 420d.

		BMW 420d Convertible
Dodu		
Body		2/4
No of doors / seats) mm	4640 / 1825 / 1384
Length / width / height (unladen)		2810
Wheelbase	mm	1544 / 1593
Track, front / rear	mm	130
Ground clearance	mm	11.3
Turning circle	m	57
Fuel tank capacity Engine oil 1)	approx. I	5.0
		1700 / 1775
Weight, unladen, to DIN/EU	kg	(1715 / 1790)
Max load to DIN	kg	470
Max permissible weight	kg	2170 (2185)
Max axle load, front / rear	kg	965 / 1255
Max trailer load, braked (12%) / unbraked	kg	1600 / 745
Max roofload / max towbar	kg	-175
Luggage comp capacity		370
Air resistance	cd x A	0.28 x 2.16
Power Unit		
Config/No of cyls/valves		In-line/4/4
Engine technology		BMW TwinPower Turbo technology: variable-geometry turbocharger, common-rail direct injection with solenoid valve injectors (max. injection pressure: 2000 bar)
Effective constitution		1995
Effective capacity	CC	90.0 / 84.0
Stroke / bore	mm	16.5
Compression ratio Fuel	:1	Diesel
	Id M//lon	
Max output	kW/hp	140 / 190 4000
May targue	rpm Nm/lb ft	400/295
Max torque	Nm/lb-ft	
at	rpm	1750 – 2500
Electrical System		
Battery/installation	Ah/–	90 / Luggage
Driving Dynamics and Safet	y	
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		Standard: airbags for driver and front passenger, side airbags for driver and ront 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	I	:1	4.110 (5.000)
	II	:1	2.248 (3.200)
	III	:1	1.403 (2.143)
	IV	:1	1.000 (1.720)
	V	:1	0.802 (1.314)
	VI	:1	0.659 (1.000)
	VII	:1	- (0.822)
	VIII	:1	- (0.640)
	R	:1	3.727 (3.456)
Final drive		:1	3.385 (2.813)
Performance			
Power-to-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	tDynamics		
BMW Efficient	Dynamics		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,
		(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 Consum	ption EU ²⁾		
	vheels and tyres	i	
urban		l/100 km	5.7 (5.2)
inter-urban		l/100 km	4.3 (3.9)
combined		l/100 km	4.8 (4.4)
CO ₂		g/km	127 (116)
	neels and 225/4		s / with winter tyres,
with 8J x 18 wh	eels (front), 8.5	J x 18 (rear)	and 225/45 R18 tyres (front), 255/40 R18 (rear),
with 8J x 19 wh	eels (front), 8.5	J x 19 (rear)	and 225/40 R19 tyres (front), 255/35 R19 (rear)
urban		l/100 km	6.1 (5.6)
inter-urban		l/100 km	4.5 (4.2)
combined		l/100 km	5.1 (4.7)
CO ₂		g/km	134 (124)
Emission rating			EU6

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

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

BMW 4 Series Convertible. 430d.

		BMW 430d Convertible
		Dilly 1000 Convertible
Body		
No of doors / seats		2/4
Length / width / height (unlade	n) 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		2220
	kg	1025 / 1230
Max axle load, front / rear	kg	10237 1230
Max trailer load,	kg	1800 / 750
braked (12%) / unbraked		
Max roofload / max towbar	kg	_/75
Luggage comp capacity		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,
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>	Τριτι	1300 0000
Electrical System		
Battery/installation	Ah/-	90 / Luggage
Driving Dynamics and Safe	atr.	
Suspension, front		Aluminium double-joint spring strut axle with displaced camber, small positive
Suspension, 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
	0	tandard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering
Driving stability systems	3	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 ont 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)
5		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 430d Convertible
Transmission			
Type of transmis	ssion		8-speed Steptronic
Gear ratios	I	:1	4.714
acai ratios	i	:1	3.143
	ill	: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
Performance			
Power-to-weight	t ratio (DINI)	kg/kW	9.3
Output per litre	t ratio (Dirv)	kW/l	63.5
Acceleration	0–100 km/h	S	5.9
Top speed	0-100 KIII/II	km/h	250
BMW EfficientD	unamice		Brake Energy Regeneration with recuperation display, Electric Power Steering
standard feature:	,		(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
	tion EU ²⁾		intelligent lightweight construction, optimised aerodynamic attributes, on- demand operation of ancillary units, differential with optimised warm-up
standard feature	tion EU ²⁾		intelligent lightweight construction, optimised aerodynamic attributes, on- demand operation of ancillary units, differential with optimised warm-up
standard feature: Fuel Consump With standard wi	tion EU ²⁾		intelligent lightweight construction, optimised aerodynamic attributes, on- demand operation of ancillary units, differential with optimised warm-up behaviour, tyres with reduced rolling resistance
standard feature: Fuel Consump With standard wl urban	tion EU ²⁾	l/100 km	intelligent lightweight construction, optimised aerodynamic attributes, on- demand operation of ancillary units, differential with optimised warm-up behaviour, tyres with reduced rolling resistance 6.1
standard feature: Fuel Consump With standard wl urban inter-urban	tion EU ²⁾	1/100 km 1/100 km	intelligent lightweight construction, optimised aerodynamic attributes, on- demand operation of ancillary units, differential with optimised warm-up behaviour, tyres with reduced rolling resistance 6.1 4.8
Fuel Consump With standard wl urban inter-urban combined CO ₂ With 8J x 18 whe with 8J x 18 whe	tion EU ²⁾ heels and tyres eels and 225/4 bels (front), 8.5.	1/100 km 1/100 km 1/100 km g/km 5 R18 tyres J x 18 (rear)	intelligent lightweight construction, optimised aerodynamic attributes, on- demand operation of ancillary units, differential with optimised warm-up behaviour, tyres with reduced rolling resistance 6.1 4.8 5.3
Fuel Consump With standard wl urban inter-urban combined CO ₂ With 8J x 18 whe with 8J x 18 whe	tion EU ²⁾ heels and tyres eels and 225/4 bels (front), 8.5.	1/100 km 1/100 km 1/100 km g/km 5 R18 tyres J x 18 (rear)	intelligent lightweight construction, optimised aerodynamic attributes, ondemand operation of ancillary units, differential with optimised warm-up behaviour, tyres with reduced rolling resistance 6.1 4.8 5.3 139 / with winter tyres, and 225/45 R18 tyres (front), 255/40 R18 (rear),
Fuel Consump With standard wl urban inter-urban combined CO ₂ With 8J x 18 whe with 8J x 19 whe	tion EU ²⁾ heels and tyres eels and 225/4 bels (front), 8.5.	1/100 km 1/100 km 1/100 km g/km 5 R18 tyres J x 18 (rear) J x 19 (rear)	intelligent lightweight construction, optimised aerodynamic attributes, ondemand operation of ancillary units, differential with optimised warm-up behaviour, tyres with reduced rolling resistance 6.1 4.8 5.3 139 / with winter tyres, and 225/45 R18 tyres (front), 255/40 R18 (rear), and 225/40 R19 tyres (front), 255/35 R19 (rear)
Fuel Consump With standard wl urban combined CO ₂ With 8J x 18 whe with 8J x 19 whe urban	tion EU ²⁾ heels and tyres eels and 225/4 bels (front), 8.5.	1/100 km 1/100 km 1/100 km g/km 5 R18 tyres J x 18 (rear) J x 19 (rear) 1/100 km	intelligent lightweight construction, optimised aerodynamic attributes, ondemand operation of ancillary units, differential with optimised warm-up behaviour, tyres with reduced rolling resistance 6.1 4.8 5.3 139 / with winter tyres, and 225/45 R18 tyres (front), 255/40 R18 (rear), and 225/40 R19 tyres (front), 255/35 R19 (rear) 6.3
Fuel Consump With standard wl urban inter-urban CO2 With 8J x 18 whe with 8J x 19 whe urban inter-urban	tion EU ²⁾ heels and tyres eels and 225/4 bels (front), 8.5.	1/100 km 1/100 km 1/100 km g/km 5 R18 tyres J x 18 (rear) J x 19 (rear) 1/100 km 1/100 km	intelligent lightweight construction, optimised aerodynamic attributes, ondemand operation of ancillary units, differential with optimised warm-up behaviour, tyres with reduced rolling resistance 6.1 4.8 5.3 139 / with winter tyres, and 225/45 R18 tyres (front), 255/40 R18 (rear), and 225/40 R19 tyres (front), 255/35 R19 (rear) 6.3 5.0

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

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

BMW 4 Series Convertible. 435d xDrive.

		BMW 435d xDrive Convertible
Body		2/4
No of doors / seats		
Length / width / height (unladen		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)	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		1800 / 750
Max roofload / max towbar	kg	-175
Luggage comp capacity	Ī	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: 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	16.5
Fuel		Diesel
Max output	kW/hp	230 / 313
at	rpm	4400
Max torque	Nm/lb-ft	630/464
at	rpm	1500 – 2500
Electrical System		
Battery/installation	Ah/–	90 / Luggage
Driving Dynamics and Safet	У	
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, 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
3		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	15.1
Tyres, front / rear		225/50 R17 94W
		7.5J x 17 LM

			BMW 435d xDrive Convertible
Transmission			
Type of transmis	ssion		8-speed Steptronic
Gear ratios		:1	4.714
	il i	: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	8.0
Output per litre		kW/l	76.8
Acceleration	0-100 km/h	S	5.2
Top speed		km/h	250
BMW Efficiently BMW Efficiently standard feature	ynamics		Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, ECO PRO mode with coasting function, intelligent lightweight construction, optimised aerodynamic attributes, on-
			demand operation of ancillary units, rear differential with optimised warm-up behaviour, tyres with reduced rolling resistance
Fuel Consump			
Fuel Consump With standard wi		i l/100 km	
With standard w			behaviour, tyres with reduced rolling resistance
With standard wl urban inter-urban		l/100 km l/100 km	behaviour, tyres with reduced rolling resistance 6.8
With standard wi urban inter-urban combined		l/100 km l/100 km l/100 km	behaviour, tyres with reduced rolling resistance 6.8 5.2
With standard will urban inter-urban combined CO ₂ With 8J x 18 who with 8J x 18 who	heels and tyres eels and 225/49 eels (front), 8.5	I/100 km I/100 km I/100 km g/km 5 R18 tyres J x 18 (rear)	behaviour, tyres with reduced rolling resistance 6.8 5.2 5.7
With standard will urban inter-urban combined CO ₂ With 8J x 18 who with 8J x 18 who	heels and tyres eels and 225/49 eels (front), 8.5	I/100 km I/100 km I/100 km g/km 5 R18 tyres J x 18 (rear)	6.8 5.2 5.7 151 s / with winter tyres, and 225/45 R18 tyres (front), 255/40 R18 (rear),
With standard wi urban inter-urban combined CO ₂ With 8J x 18 who with 8J x 19 who with 8J x 19 who	heels and tyres eels and 225/49 eels (front), 8.5	I/100 km I/100 km I/100 km g/km 5 R18 tyres J x 18 (rear) J x 19 (rear)	6.8 5.2 5.7 151 s / with winter tyres, and 225/45 R18 tyres (front), 255/40 R18 (rear), and 225/40 R19 tyres (front), 255/35 R19 (rear)
With standard wi urban inter-urban combined CO ₂ With 8J x 18 who with 8J x 19 who with 8J x 19 who urban	heels and tyres eels and 225/49 eels (front), 8.5	I/100 km I/100 km I/100 km g/km 5 R18 tyres J x 18 (rear) J x 19 (rear) I/100 km	6.8 5.2 5.7 151 s / with winter tyres, and 225/45 R18 tyres (front), 255/40 R18 (rear), and 225/40 R19 tyres (front), 255/35 R19 (rear) 7.0
With standard wi urban inter-urban combined CO ₂ With 8J x 18 who with 8J x 19 who with 8J x 19 who urban inter-urban	heels and tyres eels and 225/49 eels (front), 8.5	1/100 km 1/100 km 1/100 km g/km 5 R18 tyres J x 18 (rear) J x 19 (rear) 1/100 km 1/100 km	6.8 5.2 5.7 151 s / with winter tyres, and 225/45 R18 tyres (front), 255/40 R18 (rear), and 225/40 R19 tyres (front), 255/35 R19 (rear) 7.0 5.3

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

 $^{^{1)}\,}$ Oil change $^{2)}\,$ Fuel consumption and 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 (unladen)) mm	4640 / 1825 / 1389	4640 / 1825 / 1389
Wheelbase	mm	2810	2810
Track, front / rear	mm	1545 / 1592	1545 / 1592
Ground clearance	mm	130	13437 1332
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	- I	1520 / 1595	1520 / 1595
Weight, unladen, to blive	kg	(1540 / 1615)	(1540 / 1615)
Max load to DIN	ka	560	560
Max permissible weight	kg		
	kg	2080 (2100)	2080 (2100)
Max axle load, front / rear	kg	945 / 1210	955 / 1215
Max trailer load,	kg	4.400 (4.500) (.005	1000 1745
braked (12%) / unbraked	1.	1400 (1500) / 695	1600 / 745
Max roofload / max towbar	kg	75 / 75	75 / 75
download		400 4000	400 4000
Luggage comp capacity		480 – 1300	480 – 1300
Air resistance	cd x A	0.29 x 2.16	0.29 x 2.16
Power Unit			
Config/No of cyls/valves		In-line/4/4	In-line/4/4
Engine technology		BMW TwinPower Turbo technology v Precision Direct Injection, VALVETRC Double-VANOS variab	NIC fully variable valve control und
Effective capacity		Double-VAINOS variat	1998
Stroke / bore	CC	94.6 / 82.0	94.6 / 82.0
	mm :1	94.6782.0	
Compression ratio Fuel	.1	RON 90 – 98	10.2 RON 90 – 98
Recommended fuel	13.47/1	RON 95	RON 95
Max output	kW/hp	135 / 184	185 / 252
at	rpm	5000	5200
Max torque	Nm/lb-ft	290/214 (270/199)	350/258
at	rpm	1350 – 4600	1450 – 4800
Electrical System			
Battery/installation	Ah/-	90 / Luggage compartment	90 / Luggage compartment
Driving Dynamics and Safet	y		
Suspension, front		Aluminium double-joint spring strut axle	with displaced camber, small positive
		steering roll radius, traverse for	ce compensation, anti-dive
Suspension, rear		Five-link axle in lightw	eight construction
Brakes, front		Single-piston floating-callip	oer disc brakes / vented
Brakes, rear		Single-piston floating-callip	oer disc brakes / vented
Driving stability systems	Ç	Standard: DSC incl. ABS, ASC and DTC	(Dynamic Traction Control), Cornering
		Brake Control (CBC), Dynamic Brake C	Control (DBC), Dry Braking function,
		Fading Compensation,	
Safety equipment		Standard: airbags for driver and front pass	
		passenger, head airbags for 1st and 2nd on all seats, integrated at the front with	
		crash sensors, tyre p	
Steering		Electric Power S	
Steering		with Servotronic function; optic	
Steering ratio, overall	:1	15.0	15.0
Tyres, front / rear	.1	225/50 R17 94W	225/50 R17 94W
Rims, front / rear		7.5J x 17 LM	7.5J x 17 LM
raino, noncritoui		1.30 A 17 LIVI	7.55 X 17 LIVI

			BMW 420i Gran Coupe	BMW 430i Gran Coupe
Transmission				
Type of transmis	ssion		6-speed manual (optional: 8-sp	peed Steptronic)
Gear ratios		:1	4.002 (5.000)	3.683 (5.000)
		:1	2.130 (3.200)	2.062 (3.200)
		: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	t 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				
BMW EfficientD	,		Energy Regeneration with recuperation	1 37
standard feature	S		, Auto Start Stop function, Optimum Shif	
			ing function (automatic transmission), into ised aerodynamic attributes, on-demand	
			lated oil pump, differential with optimised	
		regu	reduced rolling resis	
			reduced rolling resis	otal ICC
Fuel Consump				
With standard w	heels and tyres			
urban		l/100 km	7.7 (7.1)	7.9 (7.0)
inter-urban		l/100 km	4.7 (4.5)	5.1 (4.7)
combined		l/100 km	5.8 (5.5)	6.1 (5.5)
CO ₂		g/km	134 (127)	143 (129)
With 8J x 18 wh				
			225/45 R18 tyres (front), 255/40 R18 (rea	
	eels (front), 8.5J		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 ₂		g/km	141 (134)	151 (136)
Emission rating			EU6	EU6

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

 $[\]stackrel{1)}{\sim}$ Oil change Fuel consumption and 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 (unlade	en) 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)	арргол. г	5.25	5.25
Weight, unladen, to DIN/EU		1600 / 1675	1615 / 1690
vveignt, unladen, to Dilv/EO	kg	(1615 / 1690)	10137 1090
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		
braked (12%) / unbraked	3	1700 / 750	1700 / 750
Max roofload / max towbar	kg	75 / 75	75 / 75
download	3		
Luggage comp capacity		480 – 1300	480 – 1300
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 wi	
Lingine technology		Precision Direct Injection, VALVETRON Double-VANOS variable	IIC 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
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
Datterynnistaliation		30 / Luggage compartment	307 Luggage compartment
Driving Dynamics and Safe			
Suspension, front	Alu	ıminium double-joint spring strut axle w	
		steering roll radius, traverse forc	
Suspension, rear		Five-link axle in lightwe	<u> </u>
Brakes, front		Single-piston floating-callipe	
Brakes, rear		Single-piston floating-callipe	er disc brakes / vented
Driving stability systems	Star	ndard: DSC incl. ABS, ASC and DTC (D	Dynamic Traction Control), Cornering
	E	Brake Control (CBC), Dynamic Brake Co	ontrol (DBC), Dry Braking function,
		Fading Compensation, Start-Off	Assistant, cross-linking with
		xDrive all-wheel-d	rive system
Safety equipment	Star	ndard: airbags for driver and front passe	nger, side airbags for driver and front
	pas	senger, head airbags for 1st and 2nd s	eat row, three-point inertia-reel belts
	on	all seats, integrated at the front with be	•
		crash sensors, tyre pr	
Steering		Electric Power Ste	J ,
		with Servotronic function; option	al: Variable Sport Steering
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 transmiss	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 EfficientD	ynamics			
BMW EfficientDy	namics		rake Energy Regeneration with recupera	
standard features			(EPS), Auto Start Stop function, Optimu	` "
			ECO PRO mode with coasting function (
			lightweight construction, optimised aer	odynamic attributes, on-demand
			lightweight construction, optimised aer operation of ancillary units, map-regula	odynamic attributes, on-demand ted oil pump, rear differential with
			lightweight construction, optimised aer	odynamic attributes, on-demand ted oil pump, rear differential with
Fuel Consumpt	ion EU ²⁾		lightweight construction, optimised aer operation of ancillary units, map-regula	odynamic attributes, on-demand ted oil pump, rear differential with
Fuel Consumpti			lightweight construction, optimised aer operation of ancillary units, map-regula	odynamic attributes, on-demand ted oil pump, rear differential with
With standard wh			lightweight construction, optimised aer operation of ancillary units, map-regula optimised warm-up behaviour, tyres	odynamic attributes, on-demand ted oil pump, rear differential with with reduced rolling resistance
With standard who		: 1/100 km	lightweight construction, optimised aer operation of ancillary units, map-regula optimised warm-up behaviour, tyres	odynamic attributes, on-demand ted oil pump, rear differential with with reduced rolling resistance
With standard who urban inter-urban		1/100 km 1/100 km	lightweight construction, optimised aer operation of ancillary units, map-regula optimised warm-up behaviour, tyres 8.7 (7.7) 5.4 (4.8)	odynamic attributes, on-demand ted oil pump, rear differential with with reduced rolling resistance 7.5
With standard whurban inter-urban combined		 /100 km /100 km /100 km	lightweight construction, optimised aer operation of ancillary units, map-regula optimised warm-up behaviour, tyres 8.7 (7.7) 5.4 (4.8) 6.6 (5.9)	rodynamic attributes, on-demand ted oil pump, rear differential with with reduced rolling resistance 7.5 5.0 5.9
With standard wh urban inter-urban combined CO ₂	eels and tyres		lightweight construction, optimised aer operation of ancillary units, map-regula optimised warm-up behaviour, tyres 8.7 (7.7) 5.4 (4.8) 6.6 (5.9) 154 (137)	rodynamic attributes, on-demand ted oil pump, rear differential with with reduced rolling resistance 7.5 5.0 5.9
With standard wh urban inter-urban combined CO ₂ With 8J x 18 whe	eels and tyres		lightweight construction, optimised aer operation of ancillary units, map-regula optimised warm-up behaviour, tyres 8.7 (7.7) 5.4 (4.8) 6.6 (5.9) 154 (137) with winter tyres,	rodynamic attributes, on-demand ted oil pump, rear differential with with reduced rolling resistance 7.5 5.0 5.9
With standard wh urban inter-urban combined CO ₂ With 8J x 18 whe with 8J x 18 whee	eels and tyres els and 225/4 els (front), 8.5		lightweight construction, optimised aer operation of ancillary units, map-regula optimised warm-up behaviour, tyres 8.7 (7.7) 5.4 (4.8) 6.6 (5.9) 154 (137) with winter tyres, and 225/45 R18 tyres (front), 255/40 R18	rodynamic attributes, on-demand ted oil pump, rear differential with with reduced rolling resistance 7.5 5.0 5.9 (rear),
With standard wh urban inter-urban combined CO ₂ With 8J x 18 whe with 8J x 18 whee	eels and tyres els and 225/4 els (front), 8.5		lightweight construction, optimised aer operation of ancillary units, map-regula optimised warm-up behaviour, tyres 8.7 (7.7) 5.4 (4.8) 6.6 (5.9) 154 (137) with winter tyres, and 225/45 R18 tyres (front), 255/40 R18 and 225/40 R19 tyres (front), 255/35 R18	odynamic attributes, on-demand ted oil pump, rear differential with with reduced rolling resistance 7.5 5.0 5.9 138
With standard wh urban inter-urban combined CO ₂ With 8J x 18 whe with 8J x 19 whee with 8J x 19 whee	eels and tyres els and 225/4 els (front), 8.5		lightweight construction, optimised aer operation of ancillary units, map-regula optimised warm-up behaviour, tyres 8.7 (7.7) 5.4 (4.8) 6.6 (5.9) 154 (137) with winter tyres, and 225/45 R18 tyres (front), 255/40 R18 and 225/40 R19 tyres (front), 255/35 R19 9.0 (8.1)	odynamic attributes, on-demand ted oil pump, rear differential with with reduced rolling resistance 7.5 5.0 5.9 138 8 (rear),
With standard whurban inter-urban combined CO ₂ With 8J x 18 whewith 8J x 19 whee urban	eels and tyres els and 225/4 els (front), 8.5	1/100 km 1/100 km 1/100 km g/km 5 R18 tyres / J x 18 (rear) a J x 19 (rear) a 1/100 km	lightweight construction, optimised aer operation of ancillary units, map-regula optimised warm-up behaviour, tyres 8.7 (7.7) 5.4 (4.8) 6.6 (5.9) 154 (137) with winter tyres, and 225/45 R18 tyres (front), 255/40 R18 and 225/40 R19 tyres (front), 255/35 R19 9.0 (8.1) 5.7 (5.1)	odynamic attributes, on-demand ted oil pump, rear differential with with reduced rolling resistance 7.5 5.0 5.9 138 8 (rear),
With standard whurban inter-urban combined CO ₂ With 8J x 18 whewith 8J x 19 whee urban inter-urban	eels and tyres els and 225/4 els (front), 8.5	J/100 km J/100 km J/100 km g/km 5 R18 tyres / J x 18 (rear) a J x 19 (rear) a J/100 km	lightweight construction, optimised aer operation of ancillary units, map-regula optimised warm-up behaviour, tyres 8.7 (7.7) 5.4 (4.8) 6.6 (5.9) 154 (137) with winter tyres, and 225/45 R18 tyres (front), 255/40 R18 and 225/40 R19 tyres (front), 255/35 R19 9.0 (8.1)	rodynamic attributes, on-demand ted oil pump, rear differential with with reduced rolling resistance 7.5 5.0 5.9 (rear),

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

 $^{^{1)}}$ Oil change $^{2)}$ Fuel consumption and 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	1.9	70170
Luggage comp capacity	1	480 – 1300
Air resistance	cd x A	0.29 x 2.16
7 III TOSISTATIO		OIES A EITS
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
Driving Dynamics and Safe	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 transmis	ssion		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-weigh	t ratio (DIN)	kg/kW	6.7
Output per litre	tratio (Dirt)	kW/l	80.1
Acceleration	0–100 km/h	S	5.1
Top speed	0 100 1111111	km/h	250
. 00 00000			
BMW Efficient	Dynamics		
BMW EfficientD	ynamics		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, differential with
			optimised-warm-up behaviour, tyres with reduced rolling resistance
Fuel Consump	tion = 11 2)		
With standard w			
urban	riceis and tyres	l/100 km	8.8
inter-urban		1/100 km	5.3
combined		1/100 km	6.6
CO ₂		g/km	154
	nools and 225//		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	0010 (110111), 0.10	1/100 km	9.1
inter-urban		1/100 km	5.5
combined		I/100 km	6.8
CO ₂		g/km	159
Emission rating		9/11/11	EU6
Limbolomialing			LOU

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

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

BMW 4 Series Gran Coupe. 440i xDrive.

		BMW 440i xDrive Gran Coupe
Body		
No of doors / seats		4/5
Length / width / height (unladen)) mm	4640 / 1825 / 1404
Wheelbase		2810
Track, front / rear	mm	1543 / 1592
Ground clearance	mm	145
<u> </u>	mm	143
Turning circle	m	11.8
Fuel tank capacity	approx. I	60
Engine oil 1)		6.5
Weight, unladen, to DIN/EU	kg	1685 / 1760
Max load to DIN	kg	560
Max permissible weight		2245
	kg	
Max axle load, front / rear	kg	1065 / 1230
Max trailer load,	kg	1000 / 750
braked (12%) / unbraked		1800 / 750
Max roofload / max towbar download	kg	75 / 75
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		94.6 / 82.0
Compression ratio	mm :1	94.6782.0
	- 11	<u> </u>
Fuel		RON 90 – 98
Recommended fuel	1.1478	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
Duising Description and Cofet		·
Driving Dynamics and Safet Suspension, front		Aluminium double-joint spring strut axle with displaced camber, small positive
Suspension, front	,	
Cuanancian rac-		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, cross-linking with xDrive all-wheel-drive system
Safety equipment	0	tandard: airbags for driver and front passenger, side airbags for driver and front
Saisty equipment		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)
Steering		Electric Power Steering (EPS)
	:1	Electric Power Steering (EPS) with Servotronic function; optional: Variable Sport Steering
Steering Steering ratio, overall Tyres, front / rear	:1	Electric Power Steering (EPS)

			BMW 440i xDrive Gran Coupe
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	7.0
Output per litre		kW/l	80.1
Acceleration	0-100 km/h	S	5.0
Top speed		km/h	250
BMW Efficiently BMW EfficientDy standard feature	ynamics		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, map-regulated oil pump, rear differential with optimised warm-up behaviour, tyres with reduced rolling resistance
Fuel Consump	tion EU ²⁾		
With standard wi			
urban	-	l/100 km	9.5
inter-urban		l/100 km	5.7
combined		l/100 km	7.1
CO ₂		g/km	165
With 8J x 18 whe	eels and 225/4	5 R18 tyres	s / with winter tyres,
with 8J x 18 whe	els (front), 8.50	J x 18 (rear)	and 225/45 R18 tyres (front), 255/40 R18 (rear),
with 8J x 19 whe	els (front), 8.50	J x 19 (rear)	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 ₂		g/km	172

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

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

BMW 4 Series Gran Coupe. 418d.

		BMW 418d Gran Coupe
		Divit Trod drain Goupe
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)		5.0
Weight, unladen, to DIN/EU	kg	1510 / 1585
		(1530 / 1605)
Max load to DIN	kg	560
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	3	
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,
go tooo.ogy		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		4000
	rpm Nm/lb-ft	320/236
Max torque		
at	rpm	1500 – 3000
Electrical System		
Electrical System	Ah/–	00 / Luggaga
Battery/installation	An-	90 / Luggage
		compartment
Driving Dynamics and Safety	,	
Suspension, front		Numinium double-joint spring strut axle with displaced camber, small positive
Suspension, none	,	steering roll radius, traverse force compensation, anti-dive
Cusponsion roor		Five-link axle in lightweight construction
Suspension, rear		Single-piston floating-calliper disc brakes / vented
Brakes, front		
Brakes, rear		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,
0.61		Fading Compensation, Start-Off Assistant
Safety equipment	r	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-reel
		belts on all seats, integrated at the front with belt tensioners and belt force
Ctaorina		limiter, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS)
Charles and a series		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
Transmission			
			6 appeal manual (0 appeal Ctantronia)
Type of transmis Gear ratios		.1	6-speed manual (8-speed Steptronic)
Gear ratios	<u> </u>	:1	4.002 (5.000)
		:1	2.109 (3.200)
		: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	, , ,	kW/l	55.1
Acceleration	0–100 km/h	S	9.0 (8.9)
Top speed	0 100 111111	km/h	213 (213)
BMW Efficient BMW EfficientD standard feature	ynamics	(EPS coas o _l	ke Energy Regeneration with recuperation display, Electric Power Steering S), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with sting function (automatic transmission), intelligent lightweight construction otimised aerodynamic attributes, on-demand operation of ancillary units, p-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance
Fuel Consump	ntion ELL ²⁾		g reactures
With standard w			
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 ₂		g/km	109 (107)
With 8J x 18 wh	eels and 225/41		,
		,	225/45 R18 tyres (front), 255/40 R18 (rear),
	` ''	` '	225/40 R19 tyres (front), 255/35 R19 (rear)
		1/100 km	5.4 (5.3)
urban			3.9 (3.9)
		1/100 km	
inter-urban		1/100 km	
		1/100 km 1/100 km g/km	4.5 (4.4) 118 (116)

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

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

BMW 4 Series Gran Coupe. 420d.

		BMW 420d Gran Coupe
Body		
No of doors / seats		4/5
Length / width / height (unladen)	mm	4640 / 1825 / 1389
Wheelbase	mm	2810
Track, front / rear	mm	1545 / 1592
Ground clearance	mm	130
Turning circle	m	11.3
Fuel tank capacity	approx. I	57
Engine oil 1)	1	5.0
Weight, unladen, to DIN/EU	kg	1520 / 1595
	9	(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,	ng_	3-37 1213
braked (12%) / unbraked	kg	1600 / 745
Max roofload / max towbar	kg kg	75/75
download	ĸy	13113
Luggage comp capacity		480 – 1300
Air resistance		
Air resistance	cd x A	0.28 x 2.16
Power Unit		
		la Esa/AIA
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	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		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-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 transmis	ssion		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	t 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	Dynamics		
BMW EfficientD	ynamics	Brak	e Energy Regeneration with recuperation display, Electric Power Steering
standard feature	es	(EPS), 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	o-regulated oil pump, differential with optimised warm-up behaviour, tyres
			with reduced rolling resistance
Fuel Consump	otion EU ²⁾		
With standard w	heels and tyres		
urban		l/100 km	5.1 (4.7)
inter-urban		l/100 km	3.7 (3.6)
combined		l/100 km	4.2 (4.0)
CO ₂		g/km	111 (106)
With 8J x 18 wh	eels and 225/4	5 R18 tyres / wit	h winter tyres,
with 8J x 18 who	eels (front), 8.50	1 x 18 (rear) and	225/45 R18 tyres (front), 255/40 R18 (rear),
with 8J x 19 who	eels (front), 8.5.	1 x 19 (rear) and	225/40 R19 tyres (front), 255/35 R19 (rear)
urban		l/100 km	5.5 (5.1)
inter-urban		l/100 km	3.9 (3.9)
combined		l/100 km	4.5 (4.3)
CO ₂		g/km	119 (114)
Emission rating			EU6

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

 $^{^{9}\,}$ Oil change $^{2}\,$ Fuel consumption and CO_2 emissions depend on the selected tyre format

		BMW 420d xDrive Gran Coupe
D. J.		
Body No of doors / seats		4/5
Length / width / height (unladen)	mm	4640 / 1825 / 1404
Wheelbase	mm	2810
	mm	1543 / 1592
Track, front / rear Ground clearance	mm	145
Turning circle	mm m	11.8
Fuel tank capacity	approx. I	57
Engine oil 1)	арргол. і	5.0
Weight, unladen, to DIN/EU	kg	
vvoignt, aniadon, to bit vizo	ı.g	(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,	9	10007 1200
braked (12%) / unbraked	kg	1600 / 750
Max roofload / max towbar	kg	75/75
download	9	- · · ·
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
Batterymiotanation	7 4 17	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
	f	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

Transmission			
Type of transmissi	ion		6-speed manual (8-speed Steptronic)
Gear ratios	I	:1	4.110 (5.000)
	II	:1	2.248 (3.200)
	III	:1	1.403 (2.143)
	IV	:1	1.000 (1.720)
	V	:1	0.802 (1.314)
	VI	:1	0.659 (1.000)
	VII	:1	- (0.822)
	VIII	:1	- (0.640)
	R	:1	3.727 (3.456)
Final drive		:1	3.154 (2.813)
Performance			
Power-to-weight r	atio (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		km/h	235 (230)
BMW EfficientD	ynamics		
BMW EfficientDyn	amics	Е	Brake Energy Regeneration with recuperation display, Electric Power Steering
standard features			EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with
		C	coasting function (automatic transmission), 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 Consumpti			
With standard whe	eels and tyres		
urban		I/100 km	5.6 (5.2)
inter-urban		l/100 km	4.0 (4.1)
combined		l/100 km	4.6 (4.5)
CO ₂		g/km	121 (118)
With 8J x 18 whee			
			and 225/45 R18 tyres (front), 255/40 R18 (rear),
	ls (front), 8.5J		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 ₂		g/km	129 (126)
Emission rating			EU6

BMW 420d xDrive Gran Coupe

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

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

BMW 4 Series Gran Coupe. 430d.

Suspension, rear Single-piston floating-calliper disc brakes / vented Brakes, front Single-piston floating-calliper disc brakes / vented Brakes, rear 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), Corneri Brake Control (CBC), Dynamic Brake Control (CBC), Dynamic Brake Control (CBC), 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-re			BMW 430d Gran Coupe
No of doors / seats	Body		
Length / width / height (unladen) mm			4/5
Wheelbase		n) mm	4640 / 1825 / 1389
Track, front / rear		•	2810
Ground clearance mm 130 Turning pircle m 111.3 Turning pircle m 111.3 Turning pircle m 111.3 Turning pircle m 111.3 Teplet tank capacity approx.1 57 Engine oil ¹³ I 6.5 Weight, unladen, to DINIEU kg 1615/1690 Max load to DIN kg 560 Max permissible weight kg 2175 Max trailer load, kg 990/1225 Max trailer load, kg 990/1225 Max trailer load, kg 75/75 Luggage comp capacity I 480 1300 Air resistance cd x A 0.29 x 2.16 Power Unit ConfigNo of cylsivalves 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/b-ft 560/413 at rpm 1500 – 3000 Electrical System Battery/installation Ah/- 90 / Luggage Driving Dynamics and Safety Suspension, front Single-piston floating-calliper disc brakes / vented Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Corning Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Corning Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Corning Trakes, rear Single-piston floating-calliper disc brakes / vented Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Corning Trakes, rear Gingle-piston floating-calliper disc brakes / vented Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Corning Trakes, price and the forth with beit tensioners and beit force limiter, crash sensors, type ressure indicator, belts to all seats, integrated at the front with beit tensioners and beit force limiter, crash sensors, by the ressure indicator, optional: Variable Sport Steering Steering ratio, overall :1 15.0	Track, front / rear		1545 / 1592
Turning circle m 11.3 Fuel tank capacity approx. I 57 Fuel tank capacity approx. I 57 Fuel tank capacity approx. I 57 Fuel tank capacity approx. I 6.5 Fingine oil I 6.5 Weight, unladen, to DINEU kg 1615 / 1690 Max load to DIN kg 560 Max load to DIN kg 9 560 Max permissible weight kg 2175 Max axiel load, front / rear kg 990 / 1225 Max axiel load, front / rear kg 990 / 1225 Max trailer load, kg 1800 / 750 Max trofload / max towbar kg 75 / 775 Luggage comp capacity I 480 - 1300 Air resistance cd x A 0.29 x 2.16 Power Unit Config/No of cylstvalves R / 6 / 4 Fommon-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 kWhp 190 / 258 at pm 4000 Max torque Nm/b-t 560413 at rpm 4000 Max torque Nm/b-t 560413 at rpm 1500 – 3000 Electrical System Battery/installation Ah/- 90 / Luggage Driving Dynamics and Safety Aluminium double-joint spring strut axie with displaced camber, small positic steering foll radius, traverse force compensation, anti-dive Suspension, rear Five-link axie in lightweight construction Brakes, front Single-piston floating-calliper disc brakes / vented Brakes, rear Single-piston floating-calliper disc brakes / vented Brakes, front Single-piston floating-calliper disc brakes / vented Brakes, to Sci cut. A85, ASC and DTC (Dynamic Traction Control), Corneri Brakes, or the solution of the sessenger, head airbags for fist and 2nd seat row, three-point inertia-re belts on all seats, integrated at the front with			130
Fuel tank capacity			11.3
Figure oil 1			57
Weight, unladen, to DIN/EU kg 1615 / 1690 Max load to DIN kg 560 Max parmissible weight kg 2175 Max xale load, front / rear kg 990 / 1225 Max trailer load, braked (12%) / unbraked 1800 / 750 Max roofload / max towbar kg 75 / 75 Luggage comp capacity 1 480 – 1300 Air resistance cd x A 0.29 x 2.16 Power Unit Config/No of cyls/valves R / 6 / 4 Engine technology BMW TwinPower Turbo technology, variable-geometry turbocharger, common-rall 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/installati		1	6.5
Max load to DIN kg 560 Max permissible weight kg 2175 Max axele load, front / rear kg 990/1225 Max trailer load, braked (12%) / unbraked kg 1800/750 Max roofload / max towbaar kg 75 / 75 Luggage comp capacity I 480 – 1300 Air resistance cd x A 0.29 x 2.16 Power Unit Config/No of cyls/valves R / 6 / 4 Engine technology BMW TwinPower Turbo technology: 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 Nmlb-ft 560/413 at rpm 4000 Max torque Nmlb-ft 560/413 at rpm 4000 Suspensi		ka	1615 / 1690
Max permissible weight kg 9901725 Max axiale load, front / rear kg 9901725 Max trailer bad, kg 1800 / 750 Max roofload / max towbar kg 75175 Max roofload / max towbar kg 75175 Air resistance cd x A 0.29 x 2.16 Power Unit Config/No of cyls/valves R16 / 4 Config/No of cyls/valves 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 kWhp 190 / 258 at pm 4000 Max torque Nm/lb-ft 560/413 at pm 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 positiv 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 Suspension, rear Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Corneri Brake Control (CBC), Dynamic Traction Control), Corneri			560
Max trailer load, kg Max trailer load, kg Max trailer load, kg Max trailer load, kg Max roofload / max towbar Max resistance Max A Max Roofload / max towbar Max resistance Max A Max Roofload / max towbar Max resistance Max A Max Roofload / max towbar Max Roofload / max Roofl	Max permissible weight		2175
Max trailer load, by braked (12%) / unbraked braked (12%) / unbraked Max roofload / max towbar kg 75 / 75 Luggage comp capacity I 480 – 1300 Air resistance cd x A 0.29 x 2.16 Power Unit Config/No of cyls/valves R / 6 / 4 Engine technology BMW TwinPower Turbo technology variable-geometry turbocharger, common-rall direct injection with solenoid valve injectors, max. injection pressure: 1800 bar Effective capacity cc 2993 Stroke / bore mm 9.00 / 184.0 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 Single-piston floating-calliper disc brakes / vented Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Corneri Brakes, rear Driving Stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Corneri Brake Control ((DBC), Dyn Braking function, Fading Compensation, Start-Off Assistant Conclinations and Safety 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 Tation, overall :1 15.0			
braked (12%) / unbraked Max roofload / max towbar Max drupu Max output Max output Max torque			
Max roofload / max towbar kg 75 / 75 Luggage comp capacity I 480 – 1300 Air resistance cd x A 0.29 x 2.16 Power Unit Config/No of cyls/valves 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, 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), Corneri Brake Control (CBC), Dynamic Brake Control (CBC), Dynamic Brake Control (CBC), Dynamic Brake Control (CBC), Dynamic Brakes tow the solution of th	•	9	1800 / 750
Luggage comp capacity Air resistance cd x A 0.29 x 2.16 Power Unit Config/No of cyls/valves 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 Effective capacity cc 3993 Engine technology common-rail direct injection with solenoid valve injectors, max. injection pressure: 1800 bar Effective capacity cc 2993 Effective capacity cc 3993 Effective capacity cc 3903 Effective Capacity cc 3904 Effective Capacity cc 3903 Effective Capacity cc 3904 Effective Capacity cc 3904 Effective Capacity cc 3904 Effective		ka	75 / 75
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 positiv 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), Corneri Brake Control (CBC), Dynamic Brake Control (DBC), Dynamic Brake Control (DSC), Dy			480 – 1300
Config/No of cyls/valves 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 Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Corneri Brake Control (DBC), Dynamic Brake Control (DBC), Dyn Braking function, Fading Compensation, Start-Off Assistant Standard: airbags for driver and front passenger, side airbags for driver and front passenger, see leating compensation, start-Off Assistant Standard: airbags for driver and front passenger, side airbags for driver and front passenger, see leating 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-re 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		cd x A	0.29 x 2.16
Config/No of cyls/valves 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 Driving Stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Corneri Brake Control (DBC), Dynamic Brake Control (DBC), Dyn Braking function, Fading Compensation, Start-Off Assistant Standard: airbags for driver and front passenger, side airbags for driver and front passenger, side airbags for 1st and 2nd seat row, three-point inertia-re 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 15.0			
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 positiv 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), Corneri Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant Safety equipment Standard: airbags for 1st and 2nd seat row, three-point inertia-re 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			
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 Nmlb-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 positic 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), Corneri Brake Control (DBC), Dry Braking function, Fading Compensation, start-Off Assistant Standard: airbags for driver and front passenger, side airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for 1st and 2nd seat row, three-point inertia-re 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			<u> </u>
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 Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Corneri Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Earling Compensation, start-Off Assistant Safety equipment Standard: airbags for driver and front passenger, side airbags for	Engine technology		common-rail direct injection with solenoid valve injectors,
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 Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Corneri 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 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	Effective capacity	CC	2993
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), Corneri 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-re 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	Stroke / bore	mm	90.0 / 84.0
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 d	Compression ratio	:1	16.5
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, head airbags for 1st and 2nd seat row, three-point inertia-recomposition 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	Fuel		Diesel
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, head airbags for 1st and 2nd seat row, three-point inertia-recomposition 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	Max output	kW/hp	190 / 258
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), Corneri 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-re 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		rpm	4000
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), Corneri 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-re 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	Max torque	Nm/lb-ft	560/413
Driving Dynamics and Safety	at	rpm	1500 – 3000
Driving Dynamics and Safety	Electrical Cyctem		
Driving Dynamics and Safety Suspension, front Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, traverse force compensation, anti-dive Suspension, rear Five-link axle in lightweight construction Brakes, front Single-piston floating-calliper disc brakes / vented Brakes, rear Single-piston floating-calliper disc brakes / vented Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant Safety equipment Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for 1st and 2nd seat row, three-point inertia-respondents 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		Λ I= /	00/11/199999
Suspension, front Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, traverse force compensation, anti-dive Suspension, rear Five-link axle in lightweight construction Brakes, front Single-piston floating-calliper disc brakes / vented Brakes, rear Single-piston floating-calliper disc brakes / vented Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant Safety equipment Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for 1st and 2nd seat row, three-point inertia-respondence 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 15.0	Battery/installation	An/-	90 / Luggage
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), Corneri 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-re 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 15.0	Driving Dynamics and Safet	y	
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), Corneri 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-re 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	Suspension, front		Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, traverse force compensation, anti-dive
Brakes, rear Single-piston floating-calliper disc brakes / vented Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Corneri 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-re 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	Suspension, rear		Five-link axle in lightweight construction
Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Corneri 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-re 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 15.0	Brakes, front		Single-piston floating-calliper disc brakes / vented
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-re 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	Brakes, rear		Single-piston floating-calliper disc brakes / vented
front passenger, head airbags for 1st and 2nd seat row, three-point inertia-re 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 15.0	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
optional: Variable Sport Steering Steering ratio, overall :1 15.0	Safety equipment		, , , , , , , , , , , , , , , , , , ,
	Steering		
Tyres, front / rear 225/50 R17 94W	Steering ratio, overall	:1	15.0
	Tyres, front / rear		225/50 R17 94W
Rims, front / rear 7.5J x 17 LM	Rims, front / rear		7.5J x 17 LM

			BMW 430d Gran Coupe
Transmission			
Type of transmis	sion		8-speed Steptronic
Gear ratios		:1	4.714
	ll l	: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	8.5
Output per litre	, ,	kW/l	63.5
Acceleration	0–100 km/h	S	5.6
Top speed		km/h	250
BMW EfficientDy standard features	ynamics		Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, ECO PRO mode with coasting function, intelligent lightweight construction, optimised aerodynamic attributes, on-
			demand operation of ancillary units, differential with optimised warm-up behaviour, tyres with reduced rolling resistance
Fuel Consump With standard wh			
Fuel Consump With standard wh		l/100 km	
With standard wh			behaviour, tyres with reduced rolling resistance
With standard whurban		l/100 km	behaviour, tyres with reduced rolling resistance 5.9
With standard whurban inter-urban		l/100 km l/100 km	behaviour, tyres with reduced rolling resistance 5.9 4.6
With standard whurban inter-urban combined CO ₂ With 8J x 18 whe with 8J x 18 whe	neels and tyres eels and 225/4 eels (front), 8.5	I/100 km I/100 km I/100 km g/km 5 R18 tyres J x 18 (rear)	behaviour, tyres with reduced rolling resistance 5.9 4.6 5.1
With standard whurban inter-urban combined CO ₂ With 8J x 18 whe with 8J x 18 whe	neels and tyres eels and 225/4 eels (front), 8.5	I/100 km I/100 km I/100 km g/km 5 R18 tyres J x 18 (rear)	5.9 4.6 5.1 134 / with winter tyres, and 225/45 R18 tyres (front), 255/40 R18 (rear),
With standard wi urban inter-urban combined CO ₂ With 8J x 18 whe with 8J x 19 whe with 8J x 19 whe	neels and tyres eels and 225/4 eels (front), 8.5	I/100 km I/100 km I/100 km g/km 5 R18 tyres J x 18 (rear) J x 19 (rear)	behaviour, tyres with reduced rolling resistance 5.9 4.6 5.1 134 / with winter tyres, and 225/45 R18 tyres (front), 255/40 R18 (rear), and 225/40 R19 tyres (front), 255/35 R19 (rear)
With standard wi urban inter-urban combined CO ₂ With 8J x 18 whe with 8J x 19 whe with 8J x 19 whe urban	neels and tyres eels and 225/4 eels (front), 8.5	1/100 km 1/100 km 1/100 km g/km 5 R18 tyres J x 18 (rear) J x 19 (rear) 1/100 km	behaviour, tyres with reduced rolling resistance 5.9 4.6 5.1 134 / with winter tyres, and 225/45 R18 tyres (front), 255/40 R18 (rear), and 225/40 R19 tyres (front), 255/35 R19 (rear) 6.1
With standard wi urban inter-urban combined CO ₂ With 8J x 18 whe with 8J x 19 whe urban inter-urban	neels and tyres eels and 225/4 eels (front), 8.5	I/100 km I/100 km I/100 km g/km 5 R18 tyres J x 18 (rear) J x 19 (rear) I/100 km I/100 km	5.9 4.6 5.1 134 / with winter tyres, and 225/45 R18 tyres (front), 255/40 R18 (rear), and 225/40 R19 tyres (front), 255/35 R19 (rear) 6.1 4.8

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

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

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

	E	BMW 430d xDrive Gran Coupe	BMW 435d 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	57	57		
Engine oil 1)		6.5	6.5		
Weight, unladen, to DIN/EU	kg	1680 / 1755	1700 / 1775		
Max load to DIN	kg	560	560		
Max permissible weight	kg	2240	2260		
Max axle load, front / rear	kg	1050 / 1230	1060 / 1230		
Max trailer load,	kg				
braked (12%) / unbraked	Ng.	1800 / 750	1800 / 750		
Max roofload / max towbar	kg	75 / 75	75 / 75		
Luggage comp capacity		480 – 1300	480 – 1300		
Air resistance	cd x A	0.29 x 2.16	0.30 x 2.16		
Power Unit					
Config/No of cyls/valves		R/6/4	R/6/4		
Engine technology		BMW TwinPower Turbo	BMW TwinPower Turbo		
Lingine technology		technology: variable-geometry	technology: multi-stage high-		
		turbocharger, common-rail direct	pressure turbocharging with		
		injection	variable turbine geometry,		
		with solenoid valve injectors, max.	common-rail direct injection		
		injection pressure: 1800 bar	with piezo injectors, max. injection pressure: 2000 bar		
		0000	<u> </u>		
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		
Electrical System					
Battery/installation	Ah/–	90 / Luggage compartment	90 / Luggage		
Driving Dynamics and Safe					
Suspension, front		, , ,	axle with displaced camber, small positive e force compensation, anti-dive		
Suspension, rear			ghtweight construction		
Brakes, front			calliper disc brakes / vented		
Brakes, rear		<u> </u>	calliper disc brakes / vented		
Driving stability systems		<u> </u>	TC (Dynamic Traction Control), Cornering		
Driving stability systems	`		ake Control (DBC), Dry Braking function,		
	Fading Compensation, Start-Off Assistant, cross-linking with xDrive all-wheel-				
		drive system in the Integra	ted 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				
		<u> </u>	rs, tyre pressure indicator		
Steering			rer Steering (EPS)		
			optional: 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 43	Od xDrive Gran Coupe BMW	435d xDrive Gran Coupe
Transmission				
Type of transmi	ission		8-speed Steptronic	
Gear ratios	1	:1	4.714	4.714
	11	: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	nt ratio (DIN)	kg/kW	8.8	7.4
Output per litre		kW/I	63.5	76.8
Acceleration	0–100 km/h	S	5.3	4.8
Top speed		km/h	250	250
BMW Efficien	tDynamics			
BMW EfficientD	Dynamics		ergy Regeneration with recuperation displ	
int				
otunudi d Toutun		intellige	Auto Start Stop function, ECO PRO mode ant lightweight construction, optimised aer operation of ancillary units, rear differentic behaviour, tyres with reduced rolling	odynamic attributes, on- al with optimised warm-up
Fuel Consump		intellige	ent lightweight construction, optimised aer operation of ancillary units, rear differentia	odynamic attributes, on- al with optimised warm-up
Fuel Consum _l		intellige demand	ent lightweight construction, optimised aer operation of ancillary units, rear differentia	odynamic attributes, on- al with optimised warm-up
Fuel Consum _l With standard w	ption EU ²⁾	intellige demand	ent lightweight construction, optimised aer operation of ancillary units, rear differentia	odynamic attributes, on- al with optimised warm-up
Fuel Consum _l With standard w urban	ption EU ²⁾	intellige demand	ent lightweight construction, optimised aer operation of ancillary units, rear differentia behaviour, tyres with reduced rolling	odynamic attributes, on- al with optimised warm-up gresistance
Fuel Consum _l With standard w urban inter-urban	ption EU ²⁾	intellige demand	ent lightweight construction, optimised aer operation of ancillary units, rear differentia behaviour, tyres with reduced rolling	odynamic attributes, on- al with optimised warm-up gresistance 6.7 4.9
Fuel Consum _l With standard w urban inter-urban combined	ption EU ²⁾	intellige demand	ent lightweight construction, optimised aer operation of ancillary units, rear differential behaviour, tyres with reduced rolling 6.2 4.9	odynamic attributes, on- al with optimised warm-up gresistance 6.7 4.9
Fuel Consump With standard w urban inter-urban combined CO ₂ With 8J x 18 wh with 8J x 18 wh	ption EU ²⁾ wheels and tyres neels and 225/4: leels (front), 8.5.	intellige demand 1/100 km 1/100 km 1/100 km g/km 5 R18 tyres / with wir x 18 (rear) and 225/	ent lightweight construction, optimised aer operation of ancillary units, rear differential behaviour, tyres with reduced rolling 6.2 4.9 5.3 140	odynamic attributes, on- al with optimised warm-up gresistance 6.7 4.9
Fuel Consump With standard w urban inter-urban conbined CO ₂ With 8J x 18 wh with 8J x 18 wh	ption EU ²⁾ wheels and tyres neels and 225/4: leels (front), 8.5.	intellige demand 1/100 km 1/100 km 1/100 km g/km 5 R18 tyres / with wir x 18 (rear) and 225/	ent lightweight construction, optimised aer operation of ancillary units, rear differentic behaviour, tyres with reduced rolling 6.2 4.9 5.3 140 atter tyres, 45 R18 tyres (front), 255/40 R18 (rear),	odynamic attributes, on- al with optimised warm-up gresistance 6.7 4.9 5.6
Fuel Consump With standard v urban inter-urban combined CO ₂ With 8J x 18 wh with 8J x 18 wh with 8J x 19 wh urban	ption EU ²⁾ wheels and tyres neels and 225/4: leels (front), 8.5.	intellige demand I/100 km I/100 km I/100 km g/km 5 R18 tyres / with wir J x 18 (rear) and 225/ J x 19 (rear) and 225/	ent lightweight construction, optimised aer operation of ancillary units, rear differentic behaviour, tyres with reduced rolling 6.2 4.9 5.3 140 atter tyres, 45 R18 tyres (front), 255/40 R18 (rear), 40 R19 tyres (front), 255/35 R19 (rear)	odynamic attributes, on- al with optimised warm-up gresistance 6.7 4.9 5.6 146
Fuel Consum; With standard v urban inter-urban combined CO ₂ With 8J x 18 wh with 8J x 19 wh with 8J x 19 wh urban inter-urban	ption EU ²⁾ wheels and tyres neels and 225/4: leels (front), 8.5.	intellige demand 1/100 km 1/100 km g/km 5 R18 tyres / with wir J x 18 (rear) and 225/ J x 19 (rear) and 225/ 1/100 km	ent lightweight construction, optimised aer operation of ancillary units, rear differentic behaviour, tyres with reduced rolling behaviour, tyres with reduced rolling 6.2 4.9 5.3 140 atter tyres, 45 R18 tyres (front), 255/40 R18 (rear), 40 R19 tyres (front), 255/35 R19 (rear) 6.4 5.0	odynamic attributes, on- al with optimised warm-up gresistance
Fuel Consump With standard v urban inter-urban combined CO ₂ With 8J x 18 wh with 8J x 18 wh with 8J x 19 wh	ption EU ²⁾ wheels and tyres neels and 225/4: leels (front), 8.5.	intellige demand I/100 km I/100 km I/100 km g/km 5 R18 tyres / with wir J x 18 (rear) and 225/ J x 19 (rear) and 225/ I/100 km	ent lightweight construction, optimised aer operation of ancillary units, rear differentic behaviour, tyres with reduced rolling behaviour, tyres with reduced rolling 6.2 4.9 5.3 140 atter tyres, 45 R18 tyres (front), 255/40 R18 (rear), 40 R19 tyres (front), 255/35 R19 (rear) 6.4	odynamic attributes, on- al with optimised warm-up g resistance 6.7 4.9 5.6 146

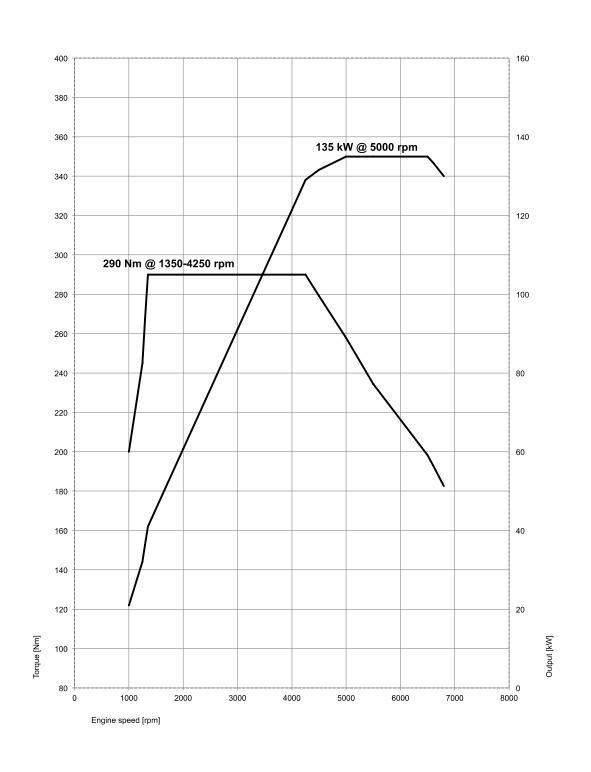
Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

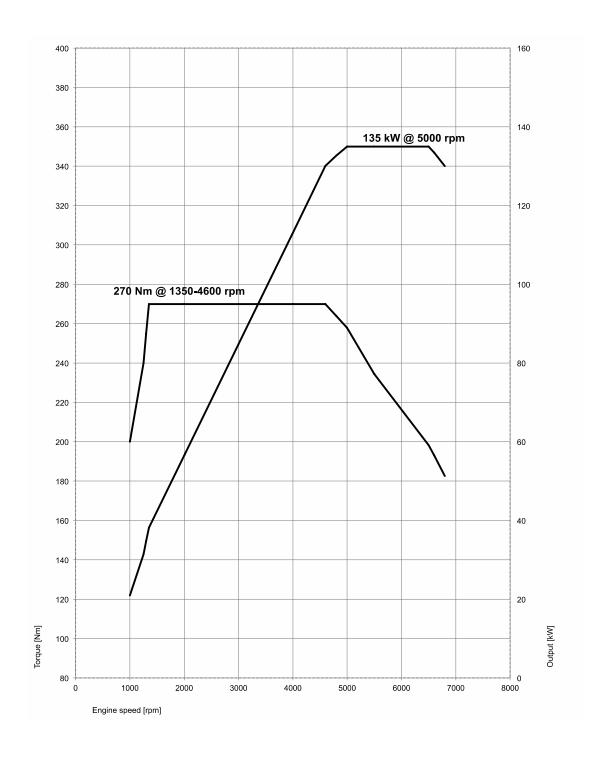
 $^{^{1)}\,}$ Oil change $^{2)}\,$ Fuel consumption and CO_2 emissions depend on the selected tyre format

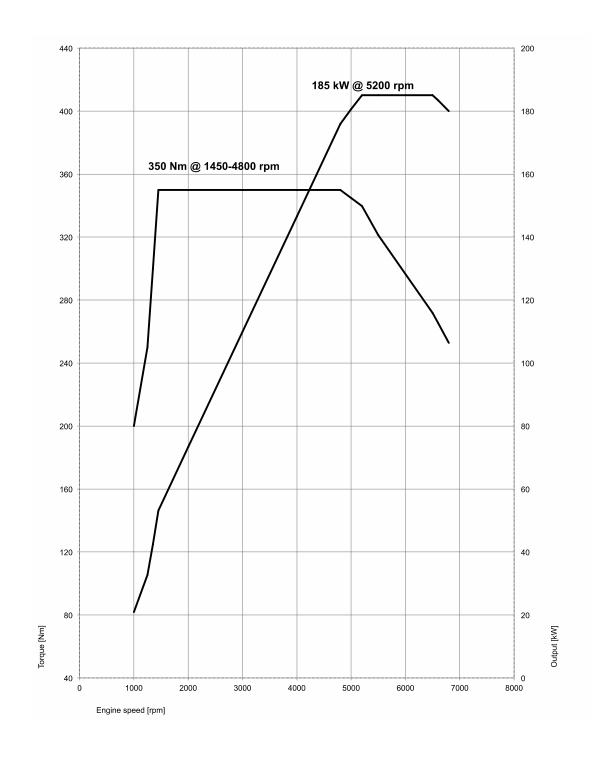
BMW Media Information

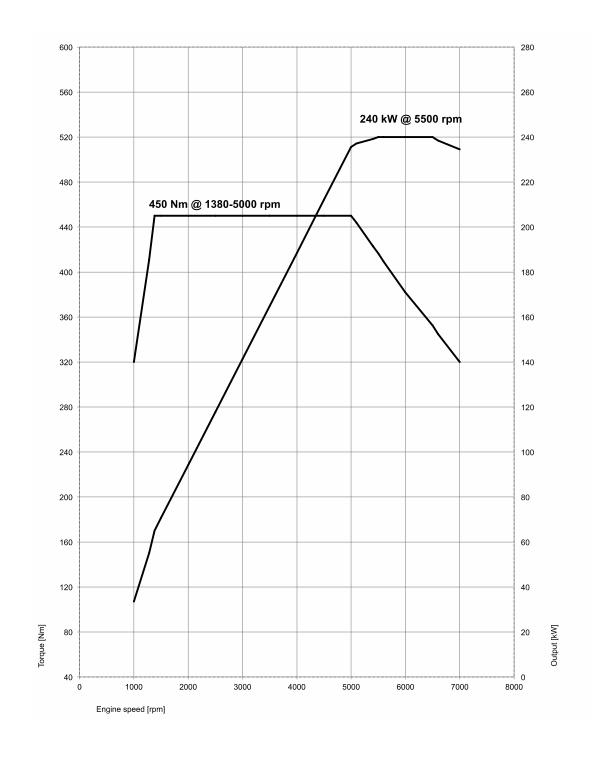
Output and torque diagrams. BMW 420i.

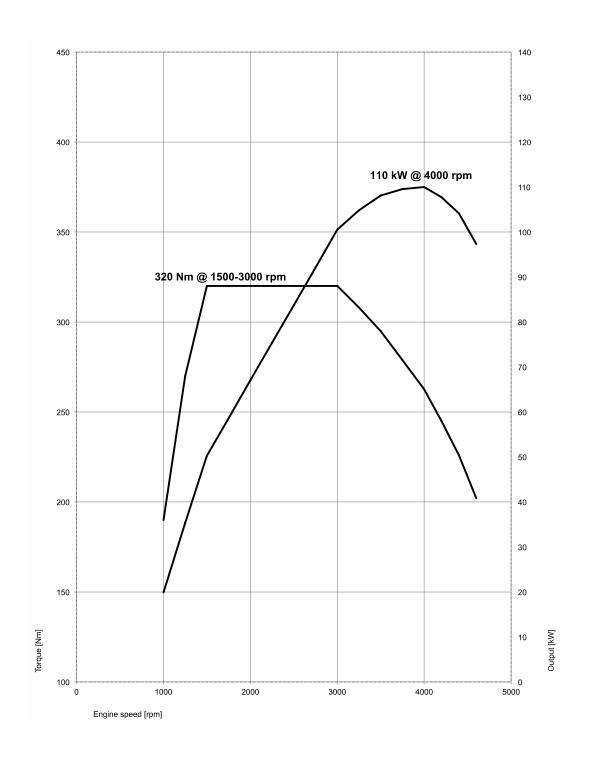


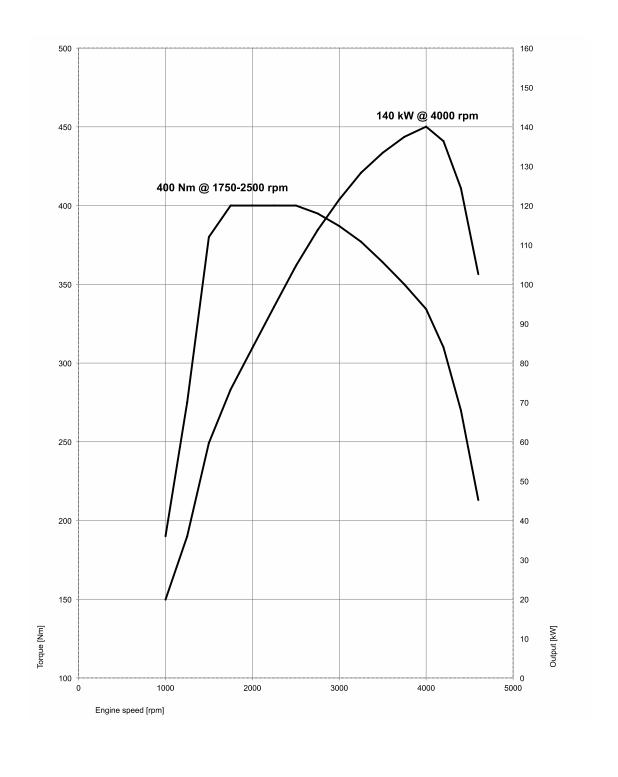


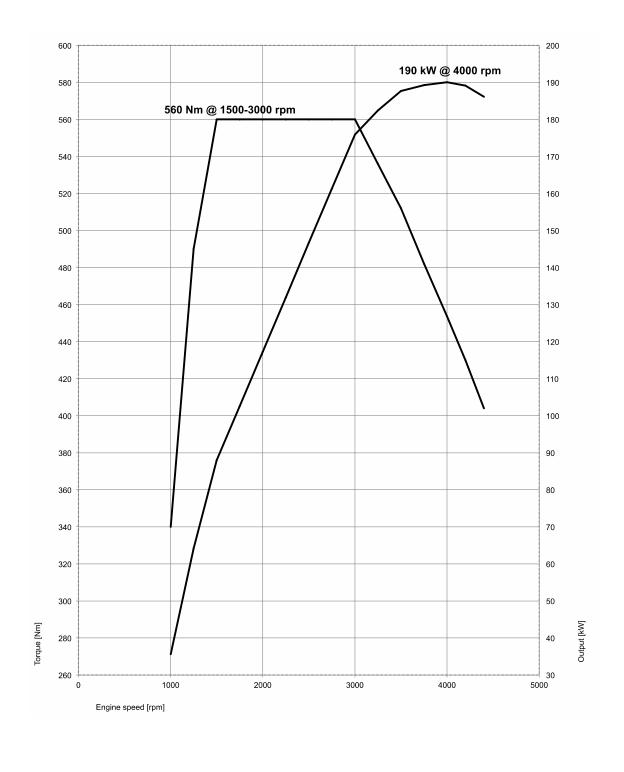


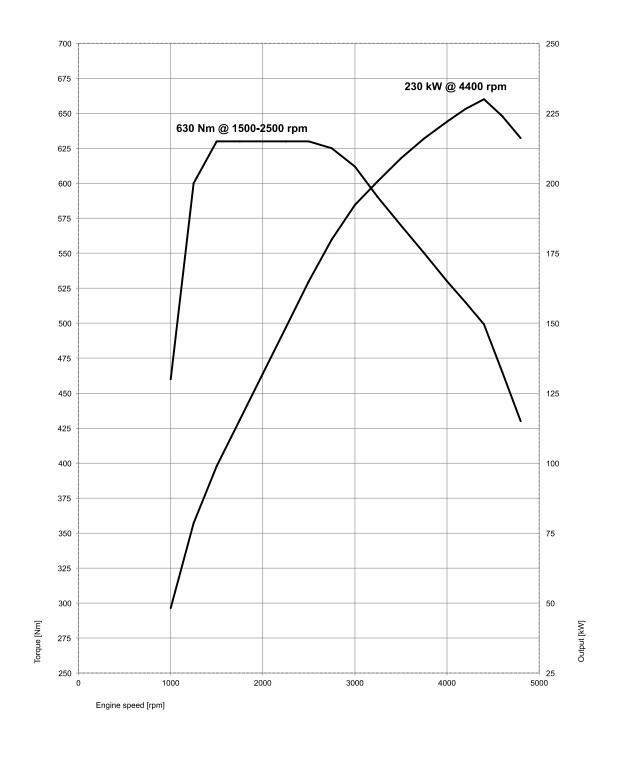








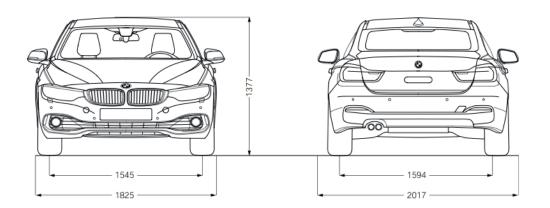


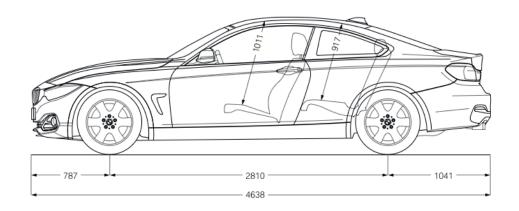


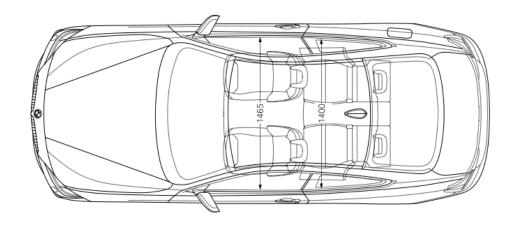
BMW Media Information

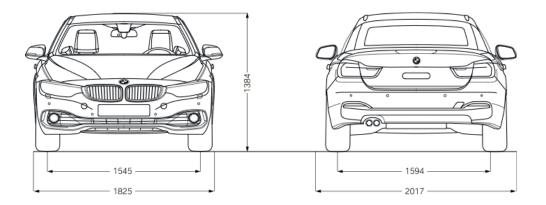
Exterior and interior dimensions. BMW 4 Series Coupe.

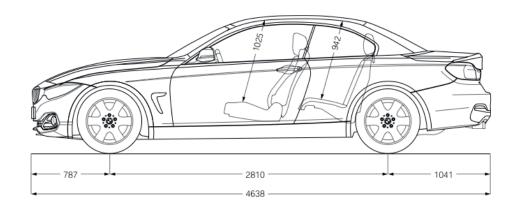


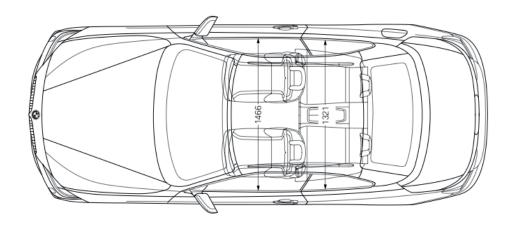












BMW 4 Series Gran Coupe.

Page 61

