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



Wheelbase mm Track, front / rear mm Ground clearance mm Turning circle m Fuel tank capacity approx. I Engine oil ¹⁾ I Weight, unladen, to DIN/EU kg Max load to DIN kg Max load to DIN kg Max permissible weight kg Max akle load, front / rear kg Max trailer load, kg braked (12%) / unbraked 14 Max roofload / max towbar kg download Luggage comp capacity I Air resistance cd x A Power Unit Config/No of cyls/valves Engine technology Engine technology BMW TwinPower T Precision Direct Injee Dout Effective capacity cc Stroke / bore mm Compression ratio :1 Fuel Recommended fuel Max output kW/hp at rpm Max output kW/hp at rpm Max output Ah/-	2 / 4 0 / 1825 / 1377 2810 1547 / 1593 130 11.3 60 5.25 1475 / 1550 (1495 / 1570) 520 1995 (2015) 940 / 1115 00 (1500) / 695 75 / 75 445 0.29 x 2.16	2 / 4 4640 / 1825 / 1377 2810 1547 / 1593 130 111.3 60 5.25 (1510 / 1585) 520 2010 (2030) 940 / 1130 1600 / 745 75 / 75 445 0.29 x 2.16
No of doors / seats Length / width / height (unladen) mm 464 Wheelbase mm Track, front / rear mm Ground clearance mm Turning circle m Fuel tank capacity approx.1 Engine oil ¹⁾ I Weight, unladen, to DIN/EU kg Max load to DIN kg Max load to DIN kg Max axle load, front / rear kg Max axle load, front / rear kg Max trailer load, kg braked (12%) / unbraked 14 Max roofload / max towbar kg download Lugage comp capacity 1 Air resistance cd x A Power Unit Config/No of cyls/valves Engine technology Engine technology BMW TwinPower T Precision Direct Inject Dout Effective capacity cc Stroke / bore Compression ratio :1 Fuel Recommended fuel Max output kW/hp at rpm Max torque Nm/lb-ft Ait rpm<	0 / 1825 / 1377 2810 1547 / 1593 130 11.3 60 5.25 1475 / 1550 (1495 / 1570) 520 1995 (2015) 940 / 1115 00 (1500) / 695 75 / 75 445	4640 / 1825 / 1377 2810 1547 / 1593 130 11.3 60 5.25 1490 / 1565 (1510 / 1585) 520 2010 (2030) 940 / 1130 1600 / 745 75 / 75 445
Length / width / height (unladen) mm 464 Wheelbase mm 1 Track, front / rear mm 1 Ground clearance mm 1 Turning circle m 1 Engine oil ¹⁾ I 1 Weight, unladen, to DIN/EU kg 1 Max load to DIN kg 1 Max permissible weight kg 14 Max taile load, front / rear kg 14 Max roofload / max towbar kg 14 Max roofload / max towbar kg 14 Air resistance cd x A 14 Air resistance cd x A 14 Air resistance cd x A 14 Config/No of cyls/valves Engine technology BMW TwinPower Tr Precision Direct Injec Dout Effective capacity cc Stroke / bore mm Compression ratio :1 Fuel Recommended fuel Max output kW/hp Max torque Nm/lb-ft 290 at rpm Max torque Nm/lb-	0 / 1825 / 1377 2810 1547 / 1593 130 11.3 60 5.25 1475 / 1550 (1495 / 1570) 520 1995 (2015) 940 / 1115 00 (1500) / 695 75 / 75 445	4640 / 1825 / 1377 2810 1547 / 1593 130 11.3 60 5.25 1490 / 1565 (1510 / 1585) 520 2010 (2030) 940 / 1130 1600 / 745 75 / 75 445
Wheelbase mm Track, front / rear mm Ground clearance mm Turning circle m Fuel tank capacity approx. I Engine oil ¹⁾ I Weight, unladen, to DIN/EU kg Max load to DIN kg Max load to DIN kg Max permissible weight kg Max akle load, front / rear kg Max trailer load, kg braked (12%) / unbraked 14 Max roofload / max towbar kg download Luggage comp capacity I Air resistance cd x A Power Unit Config/No of cyls/valves Engine technology Engine technology BMW TwinPower T Precision Direct Injee Dout Effective capacity cc Stroke / bore mm Compression ratio :1 Fuel Recommended fuel Max output kW/hp at rpm Max output kW/hp at rpm Max output Ah/-	2810 1547 / 1593 130 11.3 60 5.25 1475 / 1550 (1495 / 1570) 520 1995 (2015) 940 / 1115 00 (1500) / 695 75 / 75 445	2810 1547 / 1593 130 11.3 60 5.25 1490 / 1565 (1510 / 1585) 2010 (2030) 940 / 1130 1600 / 745 75 / 75 445
Ground clearance mm Turning circle m Fuel tank capacity approx. I Engine oil ¹⁾ I Weight, unladen, to DIN/EU kg Max load to DIN kg Max permissible weight kg Max axle load, front / rear kg Max trailer load, kg braked (12%) / unbraked 14 Max roofload / max towbar kg Luggage comp capacity I Air resistance cd x A Power Unit Config/No of cyls/valves Engine technology BMW TwinPower T Precision Direct Injec Dout Effective capacity cc Stroke / bore mm Compression ratio :1 Fuel Recommended fuel Max torque Nm/lb-ft 290 at rpm Max torque Nm/lb-ft 290 at rpm Max torque Nm/lb-ft 290 at rpm Max torque Nm/lb-ft Max torque Nm/lb-ft 290	130 11.3 60 5.25 1475 / 1550 (1495 / 1570) 520 1995 (2015) 940 / 1115 20 (1500) / 695 75 / 75 445	130 11.3 60 5.25 1490 / 1565 (1510 / 1585) 520 2010 (2030) 940 / 1130 1600 / 745 75 / 75
Turning circle m Fuel tank capacity approx. I Engine oil ¹⁾ I Weight, unladen, to DIN/EU kg Max load to DIN kg Max permissible weight kg Max axle load, front / rear kg Max axle load, front / rear kg Max trailer load, kg braked (12%) / unbraked 14 Max roofload / max towbar kg Luggage comp capacity I Air resistance cd x A Power Unit Config/No of cyls/valves Engine technology BMW TwinPower Tr Precision Direct Injee Dout Effective capacity cc Stroke / bore mm Compression ratio :1 Fuel Recommended fuel Max output kW/hp at rpm Max torque Nm/lb-ft 290 at rpm Electrical System Electrical System Battery/installation Ah/– 80 / Luggag Driving Dynamics and Safety Na / Luggag <td>11.3 60 5.25 1475 / 1550 (1495 / 1570) 520 1995 (2015) 940 / 1115 00 (1500) / 695 75 / 75 445</td> <td>11.3 60 5.25 1490 / 1565 (1510 / 1585) 520 2010 (2030) 940 / 1130 1600 / 745 75 / 75</td>	11.3 60 5.25 1475 / 1550 (1495 / 1570) 520 1995 (2015) 940 / 1115 00 (1500) / 695 75 / 75 445	11.3 60 5.25 1490 / 1565 (1510 / 1585) 520 2010 (2030) 940 / 1130 1600 / 745 75 / 75
Fuel tank capacity approx. I Engine oil ¹⁾ I Weight, unladen, to DIN/EU kg Max load to DIN kg Max permissible weight kg Max axle load, front / rear kg Max trailer load, kg braked (12%) / unbraked 14 Max roofload / max towbar kg download Luggage comp capacity I Air resistance cd x A Power Unit Config/No of cyls/valves BMW TwinPower T Engine technology BMW TwinPower T Dout Effective capacity cc Stroke / bore Compression ratio :1 Fuel Recommended fuel Max torque Nm/lb-ft Max torque Nm/lb-ft 290 at rpm fat Trypm Storke / bore Topm Max torque Nm/lb-ft 290 at rpm fat Max torque Nm/lb-ft 290 at rpm fat Driving Dynamics and Safety fat fat <td>60 5.25 1475 / 1550 (1495 / 1570) 520 1995 (2015) 940 / 1115 00 (1500) / 695 75 / 75 445</td> <td>60 5.25 1490 / 1565 (1510 / 1585) 520 2010 (2030) 940 / 1130 1600 / 745 75 / 75 445</td>	60 5.25 1475 / 1550 (1495 / 1570) 520 1995 (2015) 940 / 1115 00 (1500) / 695 75 / 75 445	60 5.25 1490 / 1565 (1510 / 1585) 520 2010 (2030) 940 / 1130 1600 / 745 75 / 75 445
Engine oil ¹⁾ I Weight, unladen, to DIN/EU kg Max load to DIN kg Max permissible weight kg Max axle load, front / rear kg Max trailer load, kg braked (12%) / unbraked 14 Max roofload / max towbar kg download I Luggage comp capacity I Air resistance cd x A Power Unit Config/No of cyls/valves Engine technology BMW TwinPower T Precision Direct Injec Dout Effective capacity cc Stroke / bore mm Compression ratio :1 Fuel Recommended fuel Max output kW/hp at rpm Max torque Nm/lb-ft 290 at rpm Max torque Nm/lb-ft 290 Battery/installation Ah/– 80 / Luggag Driving Dynamics and Safety Triving Dynamics and Safety	5.25 1475 / 1550 (1495 / 1570) 520 1995 (2015) 940 / 1115 00 (1500) / 695 75 / 75 445	5.25 1490 / 1565 (1510 / 1585) 2010 (2030) 940 / 1130 1600 / 745 75 / 75 445
Weight, unladen, to DIN/EU kg Max load to DIN kg Max permissible weight kg Max axle load, front / rear kg Max trailer load, kg braked (12%) / unbraked 14 Max roofload / max towbar kg download 14 Luggage comp capacity I Air resistance cd x A Power Unit Config/No of cyls/valves Engine technology BMW TwinPower T Precision Direct Inject Dout Effective capacity cc Stroke / bore mm Compression ratio :1 Fuel Recommended fuel Max output kW/hp at rpm Max output kW/hp at rpm Electrical System Battery/installation Battery/installation Ah/- 80 / Luggag Driving Dynamics and Safety Na	1475 / 1550 (1495 / 1570) 520 1995 (2015) 940 / 1115 00 (1500) / 695 75 / 75 445	1490 / 1565 (1510 / 1585) 520 2010 (2030) 940 / 1130 1600 / 745 75 / 75 445
Max load to DIN kg Max permissible weight kg Max axle load, front / rear kg Max trailer load, kg Max trailer load, kg braked (12%) / unbraked 14 Max roofload / max towbar kg download 14 Luggage comp capacity I Air resistance cd x A Power Unit Config/No of cyls/valves Engine technology BMW TwinPower Tr Precision Direct Inject Dout Effective capacity cc Stroke / bore mm Compression ratio :1 Fuel Recommended fuel Max output kW/hp at rpm Max torque Nm/lb-ft at rpm Electrical System Battery/installation Ah/- 80 / Luggag Driving Dynamics and Safety	(1495 / 1570) 520 1995 (2015) 940 / 1115 00 (1500) / 695 75 / 75 445	(1510 / 1585) 520 2010 (2030) 940 / 1130 1600 / 745 75 / 75 445
Max permissible weight kg Max axle load, front / rear kg Max trailer load, kg Max trailer load, kg Max trailer load, kg braked (12%) / unbraked 14 Max roofload / max towbar kg download Luggage comp capacity 1 Air resistance cd x A Power Unit Config/No of cyls/valves Engine technology BMW TwinPower T Precision Direct Injec Dout Effective capacity cc Stroke / bore mm Compression ratio :1 Fuel Recommended fuel Max output kW/hp at rpm Max torque Nm/lb-ft 290 at rpm Electrical System Battery/installation Ah/– 80 / Luggag Driving Dynamics and Safety Image: Safety Image: Safety	520 1995 (2015) 940 / 1115 00 (1500) / 695 75 / 75 445	520 2010 (2030) 940 / 1130 1600 / 745 75 / 75 445
Max permissible weight kg Max axle load, front / rear kg Max trailer load, kg Max trailer load, kg Max trailer load, kg braked (12%) / unbraked 14 Max roofload / max towbar kg download Luggage comp capacity 1 Air resistance cd x A Power Unit Config/No of cyls/valves Engine technology BMW TwinPower T Precision Direct Injec Dout Effective capacity cc Stroke / bore mm Compression ratio :1 Fuel Recommended fuel Max output kW/hp at rpm Max torque Nm/lb-ft 290 at rpm Electrical System Battery/installation Ah/– 80 / Luggag Driving Dynamics and Safety Image: Safety Image: Safety	1995 (2015) 940 / 1115 00 (1500) / 695 75 / 75 445	2010 (2030) 940 / 1130 1600 / 745 75 / 75 445
Max axle load, front / rear kg Max trailer load, kg Max trailer load, kg braked (12%) / unbraked 14 Max roofload / max towbar kg download Luggage comp capacity 1 Air resistance cd x A Power Unit Config/No of cyls/valves Engine technology BMW TwinPower T Precision Direct Injection Dout Effective capacity cc Stroke / bore mm Compression ratio :1 Fuel Recommended fuel Max torque Nm/lb-ft 290 at rpm Electrical System Battery/installation Ah/– 80 / Luggage Driving Dynamics and Safety Diving Dynamics and Safety	940 / 1115 00 (1500) / 695 75 / 75 445	940 / 1130 1600 / 745 75 / 75 445
Max trailer load, kg braked (12%) / unbraked 14 Max roofload / max towbar kg download 1 Luggage comp capacity 1 Air resistance cd x A Power Unit Config/No of cyls/valves Engine technology BMW TwinPower T Precision Direct Injec Dout Effective capacity cc Stroke / bore mm Compression ratio :1 Fuel Recommended fuel Max torque Nm/lb-ft 290 at rpm Max torque Nm/lb-ft 290 at rpm Stroke / bore Stroke / bore Fuel Recommended fuel Max output kW/hp at rpm The second fuel Stroke / bore Stroke / bore Stroke / bore Fuel Recommended fuel Max torque Nm/lb-ft 290 at rpm Stroke / bore Stroke / bore Stroke / bore Driving Dynamics and Safety Stroke / bore Stroke / bore Stroke / bo	00 (1500) / 695 75 / 75 445	1600 / 745 75 / 75 445
braked (12%) / unbraked 14 Max roofload / max towbar kg download Luggage comp capacity I Air resistance cd x A Power Unit Config/No of cyls/valves Engine technology BMW TwinPower T Precision Direct Injec Dout Effective capacity cc Stroke / bore mm Compression ratio :1 Fuel Recommended fuel Max output kW/hp at rpm Max torque Nm/lb-ft 290 at rpm Electrical System Battery/installation Ah/– 80 / Luggage	75/75	75 / 75
Max roofload / max towbar kg download Luggage comp capacity I Air resistance cd x A Power Unit Config/No of cyls/valves Engine technology BMW TwinPower T Precision Direct Injec Dout Effective capacity cc Stroke / bore mm Compression ratio :1 Fuel Recommended fuel Max output kW/hp at rpm Max torque Nm/lb-ft 290 at rpm Electrical System Battery/installation Ah/- 80 / Luggage	75/75	75 / 75
download Luggage comp capacity I Air resistance Config/No of cyls/valves Engine technology BMW TwinPower T Precision Direct Injee Dout Effective capacity Cc Stroke / bore mm Compression ratio :1 Fuel Recommended fuel Max output kW/hp at rpm Max torque Nm/lb-ft 294 at rpm Electrical System Battery/installation Ah/- 80 / Luggag Driving Dynamics and Safety	445	445
Luggage comp capacity I Air resistance cd x A Power Unit Image: Config/No of cyls/valves Engine technology BMW TwinPower Trecision Direct Injection Direct Injecti Direct Direct Direct Direct Direct Direct	-	
Air resistance cd x A Power Unit Config/No of cyls/valves Engine technology BMW TwinPower Therecision Direct Injection Direct Injecti	-	
Power Unit Config/No of cyls/valves Engine technology BMW TwinPower Trecision Direct Injection Precision Direct Injection Dout Effective capacity cc Stroke / bore mm Compression ratio :1 Fuel Recommended fuel Max output kW/hp at rpm Electrical System Battery/installation Ah/- 80 / Luggag Driving Dynamics and Safety	0.29 x 2.16	0.29 x 2.16
Config/No of cyls/valves Engine technology BMW TwinPower T Precision Direct Inject Doub Effective capacity cc Stroke / bore mm Compression ratio :1 Fuel Fuel Max output kW/hp at rpm Max torque Nm/lb-ft at rpm Electrical System Battery/installation Ah/– Bot / Luggag Driving Dynamics and Safety		
Engine technology BMW TwinPower T Precision Direct Inject Dout Effective capacity cc Stroke / bore mm Compression ratio :1 Fuel Image: Stroke / bore Recommended fuel Image: Stroke / bore Max output kW/hp at rpm Electrical System Image: Stroke / bore Battery/installation Ah/- 80 / Luggage Driving Dynamics and Safety Image: Stroke / bore Image: Stroke / bore		
Precision Direct Inject Doub Effective capacity cc Stroke / bore mm Compression ratio :1 Fuel Recommended fuel Max output kW/hp at rpm Max torque Nm/lb-ft 290 at rpm Electrical System Battery/installation Ah/- 80 / Luggag	In-line/4/4	In-line/4/4
Effective capacity cc Stroke / bore mm Compression ratio :1 Fuel Recommended fuel Max output kW/hp at rpm Max torque Nm/lb-ft 290 at rpm Electrical System Battery/installation Ah/- 80 / Luggag Driving Dynamics and Safety Image: Safety Image: Safety	Irbo technology with Twin tion, VALVETRONIC fully le-VANOS variable camsh	variable valve control und
Compression ratio :1 Fuel Recommended fuel Max output kW/hp at rpm Max torque Nm/lb-ft 29/ at rpm Electrical System Battery/installation Ah/- 80 / Luggag	1998	1998
Fuel Recommended fuel Max output kW/hp at rpm Max torque Nm/lb-ft 29i at rpm Electrical System Battery/installation Ah/- 80 / Luggage Driving Dynamics and Safety	94.6 / 82.0	94.6 / 82.0
Recommended fuel Max output kW/hp at rpm Max torque Nm/lb-ft 29i at rpm Electrical System Battery/installation Ah/- 80 / Luggage Driving Dynamics and Safety	11.0	10.2
Max output kW/hp at rpm Max torque Nm/lb-ft 29i at at rpm Electrical System Battery/installation Ah/- 80 / Luggag Driving Dynamics and Safety	RON 90 – 98	RON 90 – 98
at rpm Max torque Nm/lb-ft 29 at rpm Electrical System Battery/installation Ah/- 80 / Luggag Driving Dynamics and Safety	RON 95	RON 95
Max torque Nm/lb-ft 29 at rpm Electrical System Battery/installation Ah/- 80 / Luggag Driving Dynamics and Safety	135 / 184	185 / 252
at rpm Electrical System Battery/installation Ah/- 80 / Luggag Driving Dynamics and Safety	5000	5200
Electrical System Battery/installation Ah/- 80 / Luggag Driving Dynamics and Safety	/214 (270/199)	350/258
Battery/installation Ah/- 80 / Luggac Driving Dynamics and Safety	1350 - 4600	1450 - 4800
Driving Dynamics and Safety		
<u> </u>	e compartment	80 / Luggage compartment
	spring strut axle with disp idius, traverse force comp	laced camber, small positive ensation, anti-dive
	link axle in lightweight cor	
	ton floating-calliper disc b	
	ton floating-calliper disc b	
		Traction Control), Cornering
Brake Control (CBC),		BC), Dry Braking function,
passenger, head airbag on all seats, integrated	g Compensation, Start-Of	three-point inertia-reel belts oners and belt force limiter,
	g Compensation, Start-Of er and front passenger, si for 1st and 2nd seat row, at the front with belt tensi	
Steering with Servotro	Compensation, Start-Of er and front passenger, si for 1st and 2nd seat row, at the front with belt tensi sh sensors, tyre pressure i	
Steering ratio, overall :1	Compensation, Start-Of er and front passenger, si for 1st and 2nd seat row, at the front with belt tensi sh sensors, tyre pressure i Electric Power Steering (E	EPS)
	Compensation, Start-Of er and front passenger, si for 1st and 2nd seat row, at the front with belt tensi sh sensors, tyre pressure i Electric Power Steering (E nic function; optional: Varia	EPS) Ible Sport Steering
Rims, front / rear	Compensation, Start-Of er and front passenger, si for 1st and 2nd seat row, at the front with belt tensi sh sensors, tyre pressure i Electric Power Steering (E	EPS)

			BMW 420i Coupe	BMW 430i Coupe
Transmission				
Type of transmis	ssion		6-speed manual (optional: 8-speed	d Steptronic)
Gear ratios	I	:1	4.002 (5.000)	3.683 (5.000
	I	: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
inal 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	92.0
Acceleration	0–100 km/h	S	7.3 (7.5)	5.9 (5.8
Top speed		km/h	236 (236)	250 (250
BMW Efficient	Dynamics			
	ynamics	(EPS), A coastin optimise	Energy Regeneration with recuperation disp Auto Start Stop function, Optimum Shift Inc g function (automatic transmission), intellig ed aerodynamic attributes, on-demand ope ted oil pump, differential with optimised-wa reduced rolling resistand	licator, ECO PRO mode with ent lightweight construction, ration of ancillary units, map rm-up behaviour, tyres with
BMW Efficient BMW EfficientD Standard feature	ynamics ss	(EPS), A coastin optimise	Auto Start Stop function, Optimum Shift Inc g function (automatic transmission), intellig ed aerodynamic attributes, on-demand ope ted 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 Efficient BMW EfficientD	ynamics as otion EU ²)	(EPS), A coastin optimise	Auto Start Stop function, Optimum Shift Inc g function (automatic transmission), intellig ed aerodynamic attributes, on-demand ope ted 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 Efficient BMW EfficientD standard feature	ynamics as otion EU ²)	(EPS), A coastin optimise	Auto Start Stop function, Optimum Shift Inc g function (automatic transmission), intellig ed aerodynamic attributes, on-demand ope ted oil pump, differential with optimised-wa reduced rolling resistand	licator, ECO PRO mode with ent lightweight construction, ration of ancillary units, map- rm-up behaviour, tyres with ce
BMW Efficient BMW EfficientD standard feature Standard feature Fuel Consump With standard w	ynamics as otion EU ²)	(EPS), A coastin optimise regulat	Auto Start Stop function, Optimum Shift Inc g function (automatic transmission), intellig ed aerodynamic attributes, on-demand ope ted oil pump, differential with optimised-wa	licator, ECO PRO mode with ent lightweight construction, ration of ancillary units, map rm-up behaviour, tyres with ce 7.9 (7.0
BMW Efficient BMW EfficientD standard feature Standard feature Fuel Consump With standard w urban	ynamics as otion EU ²)	(EPS), A coastin optimise regulat	Auto Start Stop function, Optimum Shift Inc g function (automatic transmission), intellig ed aerodynamic attributes, on-demand ope ted oil pump, differential with optimised-wa reduced rolling resistant 7.7 (7.1) 4.7 (4.5)	licator, ECO PRO mode with ent lightweight construction, ration of ancillary units, map- rm-up behaviour, tyres with ce 7.9 (7.0 5.1 (4.7
BMW Efficient BMW EfficientD standard feature Fuel Consump With standard w urban nter-urban	ynamics as otion EU ²)	(EPS), A coastin- optimise regulat //100 km //100 km	Auto Start Stop function, Optimum Shift Inc g function (automatic transmission), intellig ed aerodynamic attributes, on-demand ope ted oil pump, differential with optimised-wa reduced rolling resistand 7.7 (7.1)	licator, ECO PRO mode with ent lightweight construction, ration of ancillary units, map rm-up behaviour, tyres with ce 7.9 (7.0 5.1 (4.7 6.1 (5.5
BMW Efficient BMW EfficientD Standard feature Fuel Consump Mith standard w Jrban Inter-urban combined CO ₂ With 8J x 18 wh	ynamics s ption EU ²) heels and tyres eels and 225/45	(EPS), A coastin optimise regulat //100 km //100 km //100 km //100 km g/km i R18 tyres / with v	Auto Start Stop function, Optimum Shift Inc g function (automatic transmission), intellig ed aerodynamic attributes, on-demand ope ted oil pump, differential with optimised-wa reduced rolling resistant 7.7 (7.1) 4.7 (4.5) 5.8 (5.5) 134 (127) winter tyres,	licator, ECO PRO mode with ent lightweight construction, ration of ancillary units, map rm-up behaviour, tyres with ce 7.9 (7.0 5.1 (4.7 6.1 (5.5
BMW Efficient BMW EfficientD Standard feature Fuel Consump With standard w Jurban Inter-urban combined CO2 With 8J x 18 whe with 8J x 18 whe	ynamics es ption EU ²) theels and tyres eeels and 225/45 eeels (front), 8.5J	(EPS), A coastin optimise regulat //100 km //100 km //100 km g/km i R18 tyres / with v x 18 (rear) and 22	Auto Start Stop function, Optimum Shift Ind g function (automatic transmission), intellig ed aerodynamic attributes, on-demand ope ted oil pump, differential with optimised-wa reduced rolling resistand 7.7 (7.1) 4.7 (4.5) 5.8 (5.5) 134 (127) winter tyres, 134 Styres (front), 255/40 R18 (rear),	licator, ECO PRO mode with ent lightweight construction, ration of ancillary units, map- rm-up behaviour, tyres with ce 7.9 (7.0 5.1 (4.7 6.1 (5.5
BMW Efficient BMW Efficient BMW Efficient Standard feature Standard feature With standard w Jorban Inter-urban Cop Sombined CO2 With 8J x 18 whe with 8J x 19 whe	ynamics es ption EU ²) theels and tyres eeels and 225/45 eeels (front), 8.5J	(EPS), A coastin optimise regulat //100 km //100 km //100 km g/km i R18 tyres / with v x 18 (rear) and 22 x 19 (rear) and 22	Auto Start Stop function, Optimum Shift Inc g function (automatic transmission), intellig ed aerodynamic attributes, on-demand ope ted oil pump, differential with optimised-wa reduced rolling resistant 7.7 (7.1) 4.7 (4.5) 5.8 (5.5) 134 (127) winter tyres, 15/45 R18 tyres (front), 255/40 R18 (rear), 15/40 R19 tyres (front), 255/35 R19 (rear)	licator, ECO PRO mode with ent lightweight construction, ration of ancillary units, map rm-up behaviour, tyres with ce 7.9 (7.0 5.1 (4.7 6.1 (5.5 143 (125
BMW Efficient BMW EfficientD Standard feature Standard feature With standard w Jorban nter-urban combined CO2 With 8J x 18 whe with 8J x 18 whe with 8J x 19 whe Jrban	ynamics es ption EU ²) theels and tyres eeels and 225/45 eeels (front), 8.5J	(EPS), A coastin optimise regulat //100 km //100 km //100 km g/km i R18 tyres / with v x 18 (rear) and 22 x 19 (rear) and 22 //100 km	Auto Start Stop function, Optimum Shift Ind g function (automatic transmission), intellig ed aerodynamic attributes, on-demand ope ted oil pump, differential with optimised-wa reduced rolling resistand 7.7 (7.1) 4.7 (4.5) 5.8 (5.5) 134 (127) winter tyres, 15/45 R18 tyres (front), 255/40 R18 (rear), 25/40 R19 tyres (front), 255/35 R19 (rear) 8.1 (7.6)	licator, ECO PRO mode with ent lightweight construction, ration of ancillary units, map rm-up behaviour, tyres with ce 7.9 (7.0 5.1 (4.7 6.1 (5.5 143 (129 8.4 (7.4
BMW Efficient BMW Efficient BMW Efficient Standard feature Standard feature With standard w Jrban nter-urban CO2 With 8J x 18 whe with 8J x 18 whe with 8J x 19 whe Jrban nter-urban	ynamics es ption EU ²) theels and tyres eeels and 225/45 eeels (front), 8.5J	(EPS), A coastin optimise regulat //100 km //100 km //100 km g/km 5 R18 tyres / with v x 18 (rear) and 22 x 19 (rear) and 22 //100 km //100 km	Auto Start Stop function, Optimum Shift Ind g function (automatic transmission), intellig ed aerodynamic attributes, on-demand ope ted oil pump, differential with optimised-wa reduced rolling resistand 7.7 (7.1) 4.7 (4.5) 5.8 (5.5) 134 (127) winter tyres, 15/45 R18 tyres (front), 255/40 R18 (rear), 25/40 R19 tyres (front), 255/35 R19 (rear) 8.1 (7.6) 4.9 (4.7)	licator, ECO PRO mode with ent lightweight construction, ration of ancillary units, map- rm-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
BMW Efficient BMW EfficientD Standard feature Standard feature With standard w Jorban nter-urban combined CO2 With 8J x 18 whe with 8J x 18 whe with 8J x 19 whe Jrban	ynamics es ption EU ²) theels and tyres eeels and 225/45 eeels (front), 8.5J	(EPS), A coastin optimise regulat //100 km //100 km //100 km g/km i R18 tyres / with v x 18 (rear) and 22 x 19 (rear) and 22 //100 km	Auto Start Stop function, Optimum Shift Ind g function (automatic transmission), intellig ed aerodynamic attributes, on-demand ope ted oil pump, differential with optimised-wa reduced rolling resistand 7.7 (7.1) 4.7 (4.5) 5.8 (5.5) 134 (127) winter tyres, 15/45 R18 tyres (front), 255/40 R18 (rear), 25/40 R19 tyres (front), 255/35 R19 (rear) 8.1 (7.6)	licator, ECO PRO mode with ent lightweight construction, ration of ancillary units, map rm-up behaviour, tyres with ce 7.9 (7.0 5.1 (4.7 6.1 (5.5 143 (129 8.4 (7.4

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

BMW 4 Series Coupe. 440i.

		BMW 440i Coupe
Dadu		
Body No of doors / seats		2/4
) mm	4640 / 1825 / 1377
Length / width / height (unlader Wheelbase		2810
Track, front / rear	mm	1547 / 1593
Ground clearance	mm	130
Turning circle	m	11.3
Fuel tank capacity	approx. I	60
		6.5
Weight, unladen, to DIN/EU	kg	1540 / 1615
	ng	(1555 / 1630)
Max load to DIN	kg	520
Max permissible weight	kg	2060 (2075)
Max axle load, front / rear	kg	985 / 1130
Max trailer load,	kg	
braked (12%) / unbraked		1700 / 750
Max roofload / max towbar	kg	75/75
download		
Luggage comp capacity	1	445
Air resistance	cd x A	0.30 x 2.16 (0.29 x 2.16)
Power Unit		
Config/No of cyls/valves		R/6/4
Engine technology		BMW TwinPower Turbo technology with TwinScroll turbocharger, High
		Precision Direct Injection, VALVETRONIC fully variable valve control und
		Double-VANOS variable camshaft timing
Effective capacity	CC	2998
Stroke / bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		RON 90 – 98
Recommended fuel		RON 95
Max output	kW/hp	240 / 326
at	rpm	5500
Max torque	Nm/lb-ft	450/332
at	rpm	1380 – 5000
Electrical System		
Battery/installation	Ah/–	90 / Luggage
		compartment
Driving Dynamics and Safet		
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		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,
Ctoorin r		crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS)
Chapring ratio	.1	with Servotronic function; optional: Variable Sport Steering
Steering ratio, overall	:1	15.0 225/50 D17 0 4W
Tyres, front / rear Rims, front / rear		225/50 R17 94W 7.5J x 17 LM
BILLS TROPT LEAR		

			BMW 440i Coupe
Transmission			
Type of transmiss	sion		6-speed manual (optional: 8-speed Steptronic)
Gear ratios		:1	4.110 (5.000)
	Ш	:1	2.315 (3.200)
		:1	1.542 (2.143)
	IV	:1	1.179 (1.720)
	V	:1	1.000 (1.314)
	VI	:1	0.846 (1.000)
	VII	:1	- (0.822)
	VIII	:1	- (0.640)
	R	:1	3.727 (3.456)
Final drive		:1	3.231 (2.813)
Performance			
Power-to-weight	ratio (DIN)	kg/kW	6.4 (6.5)
Output per litre	· · ·	kW/I	80.1
Acceleration	0–100 km/h	S	5.2 (5.0)
Top speed		km/h	250 (250)
BMW EfficientD BMW EfficientDy standard features	namics		Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function (automatic transmission), intelligent lightweight construction optimised aerodynamic attributes, on-demand operation of ancillary units, map regulated oil pump, differential with optimised-warm-up behaviour, tyres with reduced rolling resistance
Fuel Consumpt	ion EU 2)		
With standard wh	eels and tyres		
urban		l/100 km	10.0 (8.8)
inter-urban		l/100 km	5.9 (5.3)
combined		l/100 km	7.4 (6.6)
CO ₂		g/km	172 (154)
with 8J x 18 whee	els (front), 8.5J	x 18 (rear)	s / with winter tyres,) and 225/45 R18 tyres (front), 255/40 R18 (rear),
		. ,	and 225/40 R19 tyres (front), 255/35 R19 (rear)
urban		l/100 km	10.4 (9.1)
inter-urban		l/100 km	6.1 (5.5)
combined		l/100 km	7.7 (6.8)
CO ₂		g/km	179 (159)
Emission rating			EU6

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

 $^{\rm (1)}$ Oil change $^{\rm (2)}$ Fuel consumption and CO2 emissions depend on the selected tyre format

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

BMW 4 Series Coupe. 420d.

		BMW 420d Coupe
Body		014
No of doors / seats		2/4
Length / width / height (unladen)	mm	4640 / 1825 / 1377
Wheelbase	mm	2810
Track, front / rear	mm	1547 / 1593
Ground clearance	mm	130
Turning circle	m	11.3
Fuel tank capacity	approx. I	57
Engine oil 1)		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	3	
Luggage comp capacity	I	445
Air resistance	cd x A	0.28 x 2.16
	00 // 1	SIES A ETTO
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		4000
Max torque	rpm Nm/lb-ft	400/295
at	rpm	1750 – 2500
	ipin	1730 - 2300
Electrical System		
Battery/installation	Ah/–	80 (90) / Luggage
		compartment
Driving Dynamics and Safety		
Suspension, front	A	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	S	tandard: 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
	fi	ont 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
ereening ratio, ererai		
Tyres, front / rear		225/50 R17 94W

			BMW 420d Coupe
Transmission			
Type of transmi	ssion		6-speed manual (8-speed Steptronic)
Gear ratios		:1	4.110 (5.000)
		:1	2.247 (3.200)
		: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	10.5 (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 EfficientD standard feature		(EPS), . coastir optir	Energy Regeneration with recuperation display, Electric Power Steering Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with 1g function (automatic transmission), intelligent lightweight construction mised aerodynamic attributes, on-demand operation of ancillary units, egulated oil pump, differential with optimised warm-up behaviour, tyres
Fuel Consump With standard w			with reduced rolling resistance
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 (front), 8.5.	l x 19 (rear) and 22	25/45 R18 tyres (front), 255/40 R18 (rear), 25/40 R19 tyres (front), 255/35 R19 (rear)
urban		l/100 km	5.5 (5.1)
inter-urban		l/100 km	3.9 (3.9)
combined		l/100 km	4.5 (4.3)
CO ₂		g/km	119 (114)
Emission rating			FLIG

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

BMW 4 Series Convertible. 420i, 430i.

		BMW 420i Convertible	BMW 430i Convertible
Body			
No of doors / seats		2/4	2/4
Length / width / height (unladen) mm	4640 / 1825 / 1384	4640 / 1825 / 1384
Wheelbase	, mm	2810	2810
Track, front / rear	mm	1544 / 1593	1544 / 1593
Ground clearance	mm	130	130
Turning circle	m	11.3	11.3
Fuel tank capacity	approx. I	60	60
Engine oil ¹⁾		5.25	5.25
Weight, unladen, to DIN/EU	kg	1700 / 1775	1710 / 1785
	Ng	(1715 / 1790)	(1735 / 1810)
Max load to DIN	kg	470	460
Max permissible weight	kg	2170 (2185)	2170 (2195)
Max axle load, front / rear	kg	960 / 1250	965 / 1255
Max trailer load,	kg	3007 1200	30011200
braked (12%) / unbraked	Ng	1400 (1500) / 695	1600/745
Max roofload / max towbar	kg	-/75	-/75
download	ing	115	-775
Luggage comp capacity	L	370	370
Air resistance	cd x A	0.30 x 2.16	0.30 x 2.16
	00 // //	0.00 x 2.10	0.00 x 2.10
Power Unit			
Config/No of cyls/valves		In-line/4/4	In-line/4/4
Engine technology		BMW TwinPower Turbo technology with T Precision Direct Injection, VALVETRONIC f Double-VANOS variable ca	ully variable valve control und
Effective capacity	CC	1998	1998
Stroke / bore	mm	94.6 / 82.0	94.6 / 82.0
Compression ratio	:1	11.0	10.2
Fuel		RON 90 – 98	RON 90 – 98
Recommended fuel		RON 95	RON 95
Max output	kW/hp	135 / 184	185/252
at	rpm	5000	5200
Max torque	Nm/lb-ft	290/214 (270/199)	350/258
at	rpm	1350 – 4600	1450 – 4800
Electrical System Battery/installation	Ah/-	00/Luggage compartment	00/Luggage compartment
Dattery/Installation	An/-	90 / Luggage compartment	90 / Luggage compartment
Driving Dynamics and Safet	y		
Suspension, front	-	Aluminium double-joint spring strut axle with o	displaced camber, small positive
		steering roll radius, traverse force co	mpensation, anti-dive
Suspension, rear		Five-link axle in lightweight	
Brakes, front		Single-piston floating-calliper di	
Brakes, rear		Single-piston floating-calliper di	
Driving stability systems	S	itandard: DSC incl. ABS, ASC and DTC (Dyna	mic Traction Control), Cornering
		Brake Control (CBC), Dynamic Brake Contro	
Cofety equipment		Fading Compensation, Start tandard: airbags for driver and front passenge	
Safety equipment		bassenger combined with head airbags, three-	, 0
		5	
		seats, integrated at the front with belt tension	
Stooring		sensors, rollover protection system, Electric Power Steerir	
Steering		Electric Power Steerin with Servotronic function; optional: V	
Steering ratio, overall	:1		15.0
Tyres, front / rear	.1	225/50 R17 94W	225/50 R17 98W XL
Rims, front / rear		7.5J x 17 LM	7.5J x 17 LM
11110, 11011L/ Teal		7.33 X 17 LIVI	7.53 X 17 LIVI

			BMW 420i Convertible	BMW 430i Convertible
Transmission				
Type of transmis	sion		6-speed manual (optional: 8-sp	eed Steptronic)
Gear ratios	1	: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
-inal drive		:1	3.462 (2.813)	3.909 (2.813
Performance				
Power-to-weight	ratio (DIN)	kg/kW	12.6 (12.7)	9.2 (9.4
Output per litre		kW/l	67.6	92.6
Acceleration	0–100 km/h	S	8.2 (8.4)	6.4 (6.3
Top speed		km/h	230 (230)	250 (250
BMW Efficient	/namics		Energy Regeneration with recuperation of	
BMW Efficient	/namics	(EPS), coasti optimis	Auto Start Stop function, Optimum Shift ng function (automatic transmission), inte sed aerodynamic attributes, on-demand c ated oil pump, differential with optimised-	Indicator, ECO PRO mode with Iligent lightweight construction, peration of ancillary units, map- warm-up behaviour, tyres with
BMW EfficientI BMW EfficientDy standard features	rnamics S tion EU ²⁾	(EPS), coasti optimis	Auto Start Stop function, Optimum Shift ng function (automatic transmission), inte sed aerodynamic attributes, on-demand c	Indicator, ECO PRO mode with Iligent lightweight construction, peration of ancillary units, map- warm-up behaviour, tyres with
BMW EfficientI BMW EfficientDy standard features	rnamics S tion EU ²⁾	(EPS), coasti optimis regula	Auto Start Stop function, Optimum Shift ng function (automatic transmission), inte sed aerodynamic attributes, on-demand c ated oil pump, differential with optimised- reduced rolling resist	Indicator, ECO PRO mode with lligent lightweight construction, peration of ancillary units, map- warm-up behaviour, tyres with ance
BMW EfficientI BMW EfficientDy standard features Fuel Consumpt With standard wh urban	rnamics S tion EU ²⁾	(EPS), coasti optimis regula //100 km	Auto Start Stop function, Optimum Shift ng function (automatic transmission), inte sed aerodynamic attributes, on-demand c ated oil pump, differential with optimised- reduced rolling resist 8.0 (7.6)	Indicator, ECO PRO mode with lligent lightweight construction, peration of ancillary units, map- warm-up behaviour, tyres with ance 8.6 (7.5
BMW Efficient[BMW EfficientDy standard features standard features Fuel Consumpt With standard wr urban nter-urban	rnamics S tion EU ²⁾	(EPS), coasti optimis regula //100 km //100 km	Auto Start Stop function, Optimum Shift ng function (automatic transmission), inte sed aerodynamic attributes, on-demand c ated oil pump, differential with optimised- reduced rolling resist 8.0 (7.6) 5.1 (4.8)	Indicator, ECO PRO mode with ligent lightweight construction, peration of ancillary units, map- warm-up behaviour, tyres with ance 8.6 (7.5 5.5 (5.0
BMW EfficientI BMW EfficientDy standard features Fuel Consumpt With standard wh urban nter-urban combined	rnamics S tion EU ²⁾	(EPS), coasti optimis regula //100 km //100 km //100 km	Auto Start Stop function, Optimum Shift ng function (automatic transmission), inte sed aerodynamic attributes, on-demand c ated oil pump, differential with optimised- reduced rolling resist 8.0 (7.6) 5.1 (4.8) 6.2 (5.8)	Indicator, ECO PRO mode with ligent lightweight construction, peration of ancillary units, map- warm-up behaviour, tyres with ance 8.6 (7.5 5.5 (5.0 6.6 (5.9
BMW EfficientD BMW EfficientDy standard features Fuel Consumpt With standard wh Jrban nter-urban combined CO ₂ With 8J x 18 whe with 8J x 18 whe	tion EU ²⁾ heels and tyres eels and 225/45 els (front), 8.5J	(EPS), coasti optimis regula //100 km //100 km //100 km //100 km g/km 5 R18 tyres / with x 18 (rear) and 2	Auto Start Stop function, Optimum Shift ng function (automatic transmission), inte sed aerodynamic attributes, on-demand c ated oil pump, differential with optimised- reduced rolling resist 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 (rear	Indicator, ECO PRO mode with ligent lightweight construction, peration of ancillary units, map- warm-up behaviour, tyres with ance 8.6 (7.5 5.5 (5.0 6.6 (5.9 154 (138),
BMW EfficientD BMW EfficientDy standard features Fuel Consumpt With standard wh Jrban nter-urban combined CO ₂ With 8J x 18 whe with 8J x 18 whe	tion EU ²⁾ heels and tyres eels and 225/45 els (front), 8.5J	(EPS), coastii optimis regula //100 km //100 km //100 km g/km i R18 tyres / with x 18 (rear) and 2 x 19 (rear) and 2	Auto Start Stop function, Optimum Shift ng function (automatic transmission), inte sed aerodynamic attributes, on-demand c ated oil pump, differential with optimised- reduced rolling resist 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 (rear 225/40 R19 tyres (front), 255/35 R19 (rear	Indicator, ECO PRO mode with ligent lightweight construction, peration of ancillary units, map- warm-up behaviour, tyres with ance 8.6 (7.5 5.5 (5.0 6.6 (5.9 154 (138),)
BMW EfficientD BMW EfficientDy standard features standard features Fuel Consumpt With standard wh Jrban ter-urban combined CO2 With 8J x 18 whe with 8J x 18 whe with 8J x 19 whe Jrban	tion EU ²⁾ heels and tyres eels and 225/45 els (front), 8.5J	(EPS), coasti optimis regula //100 km //100 km //100 km g/km i R18 tyres / with x 18 (rear) and 2 x 19 (rear) and 2 //100 km	Auto Start Stop function, Optimum Shift ng function (automatic transmission), inte sed aerodynamic attributes, on-demand c ated oil pump, differential with optimised- reduced rolling resist 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 (rear 225/40 R19 tyres (front), 255/35 R19 (rear 8.6 (8.1)	Indicator, ECO PRO mode with ligent lightweight construction, peration of ancillary units, map- warm-up behaviour, tyres with ance 8.6 (7.5 5.5 (5.0 6.6 (5.9 154 (138),) 9.0 (7.9
BMW EfficientI BMW EfficientDy standard features Fuel Consumpt Nith standard wh urban nter-urban 2002 Nith 8J x 18 whe with 8J x 18 whe with 8J x 19 whe urban nter-urban	tion EU ²⁾ heels and tyres eels and 225/45 els (front), 8.5J	(EPS), coastii optimis regula //100 km //100 km g/km i R18 tyres / with x 18 (rear) and 2 x 19 (rear) and 2 //100 km //100 km	Auto Start Stop function, Optimum Shift ng function (automatic transmission), inte sed aerodynamic attributes, on-demand c ated oil pump, differential with optimised- reduced rolling resist 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 (rear 225/40 R19 tyres (front), 255/35 R19 (rear 8.6 (8.1) 5.5 (5.1)	Indicator, ECO PRO mode with ligent lightweight construction, peration of ancillary units, map- warm-up behaviour, tyres with ance 8.6 (7.5 5.5 (5.0 6.6 (5.9 154 (138),) 9.0 (7.9 5.8 (5.3
BMW EfficientD BMW EfficientDy standard features standard features Fuel Consumpt With standard wh Jrban ter-urban combined CO2 With 8J x 18 whe with 8J x 18 whe with 8J x 19 whe Jrban	tion EU ²⁾ heels and tyres eels and 225/45 els (front), 8.5J	(EPS), coasti optimis regula //100 km //100 km //100 km g/km i R18 tyres / with x 18 (rear) and 2 x 19 (rear) and 2 //100 km	Auto Start Stop function, Optimum Shift ng function (automatic transmission), inte sed aerodynamic attributes, on-demand c ated oil pump, differential with optimised- reduced rolling resist 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 (rear 225/40 R19 tyres (front), 255/35 R19 (rear 8.6 (8.1)	Indicator, ECO PRO mode with lligent lightweight construction, peration of ancillary units, map- warm-up behaviour, tyres with ance 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

BMW 4 Series Convertible. 440i.

		BMW 440i Convertible
Dadu		
Body		2/4
No of doors / seats	\ mm	
Length / width / height (unladen		4640 / 1825 / 1384
Wheelbase	mm	2810
Track, front / rear	mm	1544 / 1593
Ground clearance	mm	130
Turning circle	m	11.3
Fuel tank capacity	approx. I	60
Engine oil ¹⁾		6.5
Weight, unladen, to DIN/EU	kg	1770 / 1845
Max load to DIN	kg	460
Max permissible weight	kg	2230
Max axle load, front / rear	kg	995 / 1255
Max trailer load,	kg	
braked (12%) / unbraked	-	1700 / 750
Max roofload / max towbar	kg	-/75
download		270
Luggage comp capacity		370
Air resistance	cd x A	0.30 x 2.16
Power Unit		
Config/No of cyls/valves		R/6/4
Engine technology		BMW TwinPower Turbo technology with TwinScroll turbocharger, High
3		Precision Direct Injection, VALVETRONIC fully variable valve control und
		Double-VANOS variable camshaft timing
Effective capacity	CC	2998
Stroke / bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		RON 90 – 98
Recommended fuel		RON 95
Max output	kW/hp	240/326
		5500
at	rpm	
Max torque	Nm/lb-ft	450/332
at	rpm	1380 – 5000
Electrical System		
Battery/installation	Ah/–	90 / Luggage
		compartment
Driving Dynamics and Safet	v	
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
Suspension, rear		· ·
Brakes, front		Single-piston floating-calliper disc brakes / vented
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, Fading Compensation, Start-Off Assistant
Safety equipment	C.	tandard: airbags for driver and front passenger, side airbags for driver and fror
		assenger combined with head airbags, three-point inertia-reel seatbelts on al
		seats, integrated at the front with belt tensioners and belt force limiter, crash
Staaring		sensors, rollover protection system, tyre pressure indicator
Steering		Electric Power Steering (EPS)
		with Servotronic function; optional: Variable Sport Steering
Other and and another that is a second		
	:1	15.0 005/50 D17 00M/V/
Steering ratio, overall Tyres, front / rear Rims, front / rear	:1	225/50 R17 98W XL 7.5J x 17 LM

			BMW 440i Convertible
Transmission			
Type of transmis	ssion		8-speed Steptronic
Gear ratios		:1	5.000
		:1	3.200
		: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	7.4
Output per litre		kW/l	80.1
Acceleration	0–100 km/h	S	5.4
Top speed		km/h	250
BMW EfficientD BMW EfficientD standard feature	ynamics		Brake Energy Regeneration with recuperation display, Electric Power Steerin (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 With standard w urban		3 I/100 km	9.1
inter-urban		I/100 km	5.5
combined		I/100 km	6.8
CO ₂		g/km	159
With 8J x 18 wh with 8J x 18 wh	eels (front), 8.5.	5 R18 tyres J x 18 (rear)	s / with winter tyres,) and 225/45 R18 tyres (front), 255/40 R18 (rear),) and 225/40 R19 tyres (front), 255/35 R19 (rear)
urban		l/100 km	9.5
inter-urban		l/100 km	5.8
combined		l/100 km	7.2
CO ₂		g/km	167

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

BMW 4 Series Convertible. 420d.

		BMW 420d Convertible
Body		
No of doors / seats		2/4
Length / width / height (unladen)	mm	4640 / 1825 / 1384
Wheelbase	mm	2810
Track. front / rear	mm	1544 / 1593
Ground clearance		130
Turning circle	mm m	11.3
Fuel tank capacity		57
Engine oil 1)	approx. I	5.0
<u> </u>	<u>ا</u>	1700 / 1775
Weight, unladen, to DIN/EU	kg	(1715/1790)
Max load to DIN	ka	470
	kg	2170 (2185)
Max permissible weight	kg	965 / 1255
Max axle load, front / rear	kg	9057 1255
Max trailer load,	kg	1600 / 745
braked (12%) / unbraked	1.1	
Max roofload / max towbar	kg	-/75
Luggage comp capacity	<u> </u>	370
Air resistance	cd x A	0.28 x 2.16
Power Unit		
Config/No of cyls/valves		In-line/4/4
Engine technology		BMW TwinPower Turbo technology: variable-geometry turbocharger, common-rail direct injection with solenoid valve injectors (max. injection pressure: 2000 bar)
Effective capacity	CC	1995
Stroke / bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	140 / 190
at	rpm	4000
Max torque	Nm/lb-ft	400/295
at	rpm	1750 – 2500
	ipin	1100 2000
Electrical System		
Battery/installation	Ah/-	90 / Luggage
Driving Dynamics and Safety	/	
Suspension, front		Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, traverse force compensation, anti-dive
Suspension, rear		Five-link axle in lightweight construction
Brakes, front		Single-piston floating-calliper disc brakes / vented
Brakes, rear		Single-piston floating-calliper disc brakes / vented
Driving stability systems	:	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger combined with head airbags, three-point inertia-reel seatbelts on all seats, integrated at the front with belt tensioners and belt force limiter, rollover protection system, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS) with Servotronic function; optional: Variable Sport Steering
Steering ratio, overall	:1	15.0
Tyres, front / rear		225/50 R17 94W
· · · · · · · · · · · · · · · · · · ·		

			BMW 420d Convertible
Transmission			
Type of transmiss	ion		6-speed manual (optional: 8-speed Steptronic)
Gear ratios	I	:1	4.110 (5.000)
		:1	2.248 (3.200)
		:1	1.403 (2.143)
	IV	:1	1.000 (1.720)
	V	:1	0.802 (1.314)
	VI	:1	0.659 (1.000)
	VII	:1	- (0.822)
	VIII	:1	- (0.640)
	R	:1	3.727 (3.456)
Final drive		:1	3.385 (2.813)
Performance			
Power-to-weight r	atio (DIN)	kg/kW	12.1 (12.3)
Output per litre		kW/I	70.2
Acceleration (0–100 km/h	S	8.1 (8.0)
Top speed		km/h	235 (228)
BMW EfficientDyr standard features	namics		Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode wit 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 Consumpti With standard whe			
	eels and tyres	l/100 km	5.7 (5.2)
urban			4.3 (3.9)
inter-urban		1/100 km	4.3 (3.9)
combined		I/100 km	127 (116)
with 8J x 18 whee	ls (front), 8.5J	x 18 (rear	s / with winter tyres,) and 225/45 R18 tyres (front), 255/40 R18 (rear),) and 225/40 R19 tyres (front), 255/35 R19 (rear)
urban		l/100 km	6.1 (5.6)
inter-urban		l/100 km	4.5 (4.2)
combined		l/100 km	5.1 (4.7)
			134 (124)
CO ₂		g/km	104 (124)

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

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

		BMW 420i Gran Coupe	BMW 430i Gran Coupe		
Podu					
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	134371332	134371332		
Turning circle	m	11.3	11.3		
Fuel tank capacity	approx. I	60	60		
Engine oil 1)		5.25	5.25		
Weight, unladen, to DIN/EU	kg	1520 / 1595	1520 / 1595		
		(1540 / 1615)	(1540 / 1615)		
Max load to DIN	kg	560	560		
Max permissible weight	kg	2080 (2100)	2080 (2100)		
Max axle load, front / rear	kg	945 / 1210	955 / 1215		
Max trailer load,	kg				
braked (12%) / unbraked	5	1400 (1500) / 695	1600/745		
Max roofload / max towbar	kg	75/75	75/75		
download					
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 with 7			
5 57		Precision Direct Injection, VALVETRONIC fully variable valve control und Double-VANOS variable camshaft timing			
Effective capacity	CC	1998	1998		
Stroke / bore	mm	94.6 / 82.0	94.6 / 82.0		
Compression ratio	:1	11.0	10.2		
Fuel		RON 90 – 98	RON 90 – 98		
Recommended fuel		RON 95	RON 95		
Max output	kW/hp	135 / 184	185/252		
at	rpm	5000	5200		
Max torque	Nm/lb-ft	290/214 (270/199)	350/258		
at	rpm	1350 – 4600	1450 – 4800		
Electrical System					
Battery/installation	Ah/–	90 / Luggage compartment	90 / Luggage compartment		
Driving Dynamics and Safet	-				
Suspension, front	/	Aluminium double-joint spring strut axle with (, ,		
Cuenencien reer		steering roll radius, traverse force co	, ,		
Suspension, rear		Five-link axle in lightweight			
Brakes, front	Single-piston floating-calliper disc brakes / vented				
Brakes, rear	Single-piston floating-calliper disc brakes / vented Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Corner				
Driving stability systems	5	Brake Control (CBC), Dynamic Brake Control			
		Fading Compensation, Star	t-Off Assistant		
Safety equipment	S	tandard: airbags for driver and front passenge	er, 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 t			
		crash sensors, tyre press			
Steering		Electric Power Steerin			
		with Servotronic function; optional: \			
Steering ratio, overall	:1	15.0	15.0		
Tyres, front / rear		225/50 R17 94W	225/50 R17 94W		
Rims, front / rear		7.5J x 17 LM	7.5J x 17 LM		

			BMW 420i Gran Coupe	BMW 430i Gran Coupe
Transmission				
Type of transmis	ssion		6-speed manual (optional: 8-sp	eed 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
T		km/h	236 (236)	250 (250
Top speed BMW Efficient				·
BMW Efficient BMW EfficientD	ynamics	Bra (EP coa opti	ike Energy Regeneration with recuperation S), Auto Start Stop function, Optimum Shift asting function (automatic transmission), inte mised aerodynamic attributes, on-demand o gulated oil pump, differential with optimised- reduced rolling resist	display, Electric Power Steering Indicator, ECO PRO mode with elligent lightweight construction, operation of ancillary units, map- warm-up behaviour, tyres with
BMW Efficient BMW Efficient standard feature Standard feature Fuel Consump With standard wi	ynamics s tion EU ²)	Bra (EP coa opti ree	ike Energy Regeneration with recuperation of S), Auto Start Stop function, Optimum Shift isting function (automatic transmission), inte mised aerodynamic attributes, on-demand of gulated oil pump, differential with optimised- reduced rolling resist	display, Electric Power Steering Indicator, ECO PRO mode with elligent lightweight construction, operation of ancillary units, map- warm-up behaviour, tyres with tance
BMW Efficient BMW EfficientD standard feature Fuel Consump With standard wi	ynamics s tion EU 2)	Bra (EP coa opti reg	ike Energy Regeneration with recuperation of S), Auto Start Stop function, Optimum Shift isting function (automatic transmission), inte mised aerodynamic attributes, on-demand of gulated oil pump, differential with optimised- reduced rolling resist 7.7 (7.1)	display, Electric Power Steering Indicator, ECO PRO mode with elligent lightweight construction, operation of ancillary units, map- warm-up behaviour, tyres with tance 7.9 (7.0
BMW Efficient BMW EfficientD standard feature Fuel Consump With standard w urban inter-urban	ynamics s tion EU 2)	Bra (EP coa opti reg //100 km	ike Energy Regeneration with recuperation of S), Auto Start Stop function, Optimum Shift isting function (automatic transmission), inte mised aerodynamic attributes, on-demand of gulated oil pump, differential with optimised- reduced rolling resist 7.7 (7.1) 4.7 (4.5)	display, Electric Power Steering Indicator, ECO PRO mode with Illigent lightweight construction, operation of ancillary units, map- warm-up behaviour, tyres with tance 7.9 (7.0 5.1 (4.7
BMW Efficient BMW EfficientD standard feature Fuel Consump With standard wi urban inter-urban combined	ynamics s tion EU 2)	Bra (EP coa opti reg //100 km //100 km //100 km	ike Energy Regeneration with recuperation of S), Auto Start Stop function, Optimum Shift isting function (automatic transmission), inte mised aerodynamic attributes, on-demand of gulated oil pump, differential with optimised- reduced rolling resist 7.7 (7.1) 4.7 (4.5) 5.8 (5.5)	display, Electric Power Steering Indicator, ECO PRO mode with Illigent lightweight construction, operation of ancillary units, map- warm-up behaviour, tyres with tance 7.9 (7.0 5.1 (4.7 6.1 (5.5
BMW Efficient BMW EfficientD standard feature Fuel Consump With standard wi urban inter-urban combined CO ₂	ynamics s Ition EU ²⁾ heels and tyres	Bra (EP coa opti reg //100 km //100 km //100 km //100 km	ike Energy Regeneration with recuperation of S), Auto Start Stop function, Optimum Shift isting function (automatic transmission), inte mised aerodynamic attributes, on-demand of gulated oil pump, differential with optimised- reduced rolling resist 7.7 (7.1) 4.7 (4.5) 5.8 (5.5) 134 (127)	display, Electric Power Steering Indicator, ECO PRO mode with Illigent lightweight construction, operation of ancillary units, map- warm-up behaviour, tyres with tance 7.9 (7.0 5.1 (4.7 6.1 (5.5
BMW Efficient BMW Efficient standard feature standard feature With standard wi urban inter-urban combined CO ₂ With 8J x 18 whe with 8J x 18 whe	vition EU ²) heels and tyres eels and 225/45 eels (front), 8.5J	Bra (EP coa opti reg //100 km //100 km	ike Energy Regeneration with recuperation of S), Auto Start Stop function, Optimum Shift isting function (automatic transmission), inte mised aerodynamic attributes, on-demand of gulated oil pump, differential with optimised- reduced rolling resist 7.7 (7.1) 4.7 (4.5) 5.8 (5.5) 134 (127)	display, Electric Power Steering Indicator, ECO PRO mode with Illigent lightweight construction, operation of ancillary units, map- warm-up behaviour, tyres with tance 7.9 (7.0 5.1 (4.7 6.1 (5.5 143 (129 r),
BMW Efficient BMW Efficient Standard feature Standard feature With standard wi urban Inter-urban combined CO ₂ With 8J x 18 whe with 8J x 19 whe	vition EU ²) heels and tyres eels and 225/45 eels (front), 8.5J	Bra (EP coa opti reg //100 km //100 km	ike Energy Regeneration with recuperation of S), Auto Start Stop function, Optimum Shift isting function (automatic transmission), inte mised aerodynamic attributes, on-demand of gulated oil pump, differential with optimised- reduced rolling resist 7.7 (7.1) 4.7 (4.5) 5.8 (5.5) 134 (127) <i>i</i> th winter tyres, d 225/45 R18 tyres (front), 255/40 R18 (rea	display, Electric Power Steering Indicator, ECO PRO mode with Illigent lightweight construction, operation of ancillary units, map- warm-up behaviour, tyres with tance 7.9 (7.0 5.1 (4.7 6.1 (5.5 143 (129 r), r)
BMW Efficient BMW Efficient BMW Efficient Standard feature Standard feature With standard wi urban Inter-urban combined CO ₂ With 8J x 18 whe with 8J x 18 whe with 8J x 19 whe urban	vition EU ²) heels and tyres eels and 225/45 eels (front), 8.5J	Bra (EP coa opti reg //100 km //100 km	ike Energy Regeneration with recuperation of S), Auto Start Stop function, Optimum Shift isting function (automatic transmission), inte mised aerodynamic attributes, on-demand of gulated oil pump, differential with optimised- reduced rolling resist 7.7 (7.1) 4.7 (4.5) 5.8 (5.5) 134 (127) /ith winter tyres, d 225/45 R18 tyres (front), 255/40 R18 (rea d 225/40 R19 tyres (front), 255/35 R19 (rea	display, Electric Power Steering Indicator, ECO PRO mode with Illigent lightweight construction, operation of ancillary units, map- warm-up behaviour, tyres with tance 7.9 (7.0 5.1 (4.7 6.1 (5.5 143 (129 r), r), r) 8.4 (7.4
BMW Efficient BMW Efficient standard feature standard feature With standard wi urban inter-urban combined CO ₂ With 8J x 18 whe with 8J x 18 whe	vition EU ²) heels and tyres eels and 225/45 eels (front), 8.5J	Bra (EP coa opti reg //100 km //100 km //100 km g/km 5 R18 tyres / w x 18 (rear) an / x 19 (rear) an //100 km	ike Energy Regeneration with recuperation of S), Auto Start Stop function, Optimum Shift isting function (automatic transmission), inter mised aerodynamic attributes, on-demand of gulated oil pump, differential with optimised- reduced rolling resist 7.7 (7.1) 4.7 (4.5) 5.8 (5.5) 134 (127) vith winter tyres, d 225/45 R18 tyres (front), 255/40 R18 (rea 8.1 (7.6)	display, Electric Power Steering Indicator, ECO PRO mode with elligent lightweight construction, operation of ancillary units, map- warm-up behaviour, tyres with tance 7.9 (7.0 5.1 (4.7 6.1 (5.5 143 (129 r), r) 8.4 (7.4 5.4 (4.9
BMW Efficient BMW Efficient BMW Efficient Standard feature Standard feature With standard wi Jurban Inter-urban CO2 With 8J x 18 whe with 8J x 18 whe with 8J x 19 whe urban Inter-urban	vition EU ²) heels and tyres eels and 225/45 eels (front), 8.5J	Bra (EP coa opti reg //100 km //100 km //100 km g/km 5 R18 tyres / w x 18 (rear) an / x 19 (rear) an //100 km //100 km	ike Energy Regeneration with recuperation of S), Auto Start Stop function, Optimum Shift issting function (automatic transmission), inte mised aerodynamic attributes, on-demand of gulated oil pump, differential with optimised- reduced rolling resist 7.7 (7.1) 4.7 (4.5) 5.8 (5.5) 134 (127) <i>i</i> th winter tyres, d 225/45 R18 tyres (front), 255/40 R18 (rea 8.1 (7.6) 4.9 (4.7)	display, Electric Power Steering Indicator, ECO PRO mode with Illigent lightweight construction, operation of ancillary units, map- warm-up behaviour, tyres with tance 7.9 (7.0 5.1 (4.7 6.1 (5.5 143 (129 r),

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

BMW 4 Series Gran Coupe. 440i.

		BMW 440i Gran Coupe
Body		
No of doors / seats		4/5
Length / width / height (unladen) mm	4640 / 1825 / 1389
Wheelbase	mm	2810
Track, front / rear	mm	1545 / 1592
Ground clearance	mm	130
Turning circle	m	11.3
Fuel tank capacity	approx. I	60
Engine oil 1)	<u> </u>	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	
braked (12%) / unbraked		1700 / 750
Max roofload / max towbar download	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 with TwinScroll turbocharger, High
6 6,		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 rpm	1380 – 5000
at	ipin	1000 - 5000
Electrical System		
Battery/installation	Ah/–	90 / Luggage
5		compartment
		1
Driving Dynamics and Safet	у	
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-caliber disc blaces / vented	
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), Cornerin
Straining stability systems	``	Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function,
		Fading Compensation, Start-Off Assistant
	c	Standard: airbags for driver and front passenger, side airbags for driver and fro
Satety equipment		passenger, head airbags for 1st and 2nd seat row, three-point inertia-reel bel
Safety equipment		passes, ges, noda an bage for the ana zina sour row, three point includ-reer ber
Safety equipment		on all seats, integrated at the front with belt tensioners and belt force limiter
Sarety equipment		
		crash sensors, tyre pressure indicator
Sarety equipment		crash sensors, tyre pressure indicator Electric Power Steering (EPS)
Steering		Electric Power Steering (EPS) with Servotronic function; optional: Variable Sport Steering
	:1	crash sensors, tyre pressure indicator Electric Power Steering (EPS)

			BMW 440i Gran Coupe
Transmission			
Type of transmis	sion		8-speed Steptronic
Gear ratios	1	:1	5.000
	1	:1	3.200
		: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	TX	:1	2.813
Performance			
Power-to-weight	ratio (DIN)	kg/kW	6.7
Output per litre		kW/I	80.1
Acceleration	0–100 km/h	S	5.1
Top speed		km/h	250
BMW Efficient	Ovnamics		
BMW EfficientDy			Brake Energy Regeneration with recuperation display, Electric Power Steerin
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			
With standard wh	neels and tyres		
urban		l/100 km	8.8
nter-urban		l/100 km	5.3
combined		l/100 km	6.6
CO ₂		g/km	154
			s / with winter tyres,
			and 225/45 R18 tyres (front), 255/40 R18 (rear),
with 8J x 19 whe	els (front), 8.5.	J x 19 (rear)	and 225/40 R19 tyres (front), 255/35 R19 (rear)
urban		l/100 km	9.1
nter-urban		l/100 km	5.5
combined		l/100 km	6.8
		. //	159
CO ₂		g/km	159

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

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		1545 / 1592	
Ground clearance	mm	130	
Turning circle	m	11.3	
Fuel tank capacity		57	
Engine oil 1)	approx. I	5.0	
Weight, unladen, to DIN/EU	kg	1520 / 1595	
	ĸġ	(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,	itg	57577215	
braked (12%) / unbraked	ka	1600 / 745	
Max roofload / max towbar	kg kg	75/75	
download	NY		
Luggage comp capacity		480 – 1300	
Air resistance	cd x A	0.28 x 2.16	
Power Unit			
Config/No of cyls/valves		In-line/4/4	
Engine technology		BMW TwinPower Turbo technology: variable-geometry turbocharger,	
	common-rail direct injection with solenoid valve injectors, max. injection		
		pressure: 2000 bar	
Effective capacity	CC	1995	
Stroke / bore	mm	90.0 /84.0	
Compression ratio	:1	16.5	
Fuel		Diesel	
Max output	kW/hp	140 / 190	
at	rpm	4000	
Max torque	Nm/lb-ft	400/295	
at	rpm	1750 – 2500	
Electrical System			
Battery/installation	Ah/–	90 / Luggage	
		compartment	
Driving Dynamics and Safety Suspension, front		Aluminium double-joint spring strut axle with displaced camber, small positiv	
	F	steering roll radius, traverse force compensation, anti-dive	
Suspension rear			
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), Corneria	
		Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function,	
Cofety equipment		Fading Compensation, Start-Off Assistant	
Safety equipment	r.	Standard: airbags for driver and front passenger, side airbags for driver and	
	Tr	ont 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	
Ctaoring		limiter, crash sensors, tyre pressure indicator	
Steering		Electric Power Steering (EPS)	
	.1	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	sion		6-speed manual (8-speed Steptronic)
Gear ratios		:1	4.110 (5.000)
	11	:1	2.248 (3.200)
		:1	1.403 (2.143)
	IV	:1	1.000 (1.720)
	V	:1	0.802 (1.314)
	VI	:1	0.659 (1.000)
	VII	:1	- (0.822)
	VIII	:1	- (0.640)
	R	:1	3.727 (3.456)
Final drive		:1	3.154 (2.813)
Performance			
Power-to-weight	ratio (DIN)	kg/kW	10.9 (11.0)
Output per litre		kW/I	70.2
Acceleration	0–100 km/h	S	7.5 (7.3)
Top speed		km/h	240 (231)
BMW Efficient			
BMW EfficientDy standard features		(EPS), A coasting optim	Energy Regeneration with recuperation display, Electric Power Steering Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode wit g function (automatic transmission), intelligent lightweight construction nised aerodynamic attributes, on-demand operation of ancillary units, agulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance
Fuel Consumpt	tion EU ²⁾		
With standard wh	neels 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 whe	els (front), 8.5J		vinter tyres, 5/45 R18 tyres (front), 255/40 R18 (rear), 5/40 R19 tyres (front), 255/35 R19 (rear)
urban	eis (IIUIII), 0.3J	19 (rear) and 22:	5.5 (5.1)
inter-urban		1/100 km	
mer-urban			<u> </u>
combined CO ₂		l/100 km g/km	119 (114)

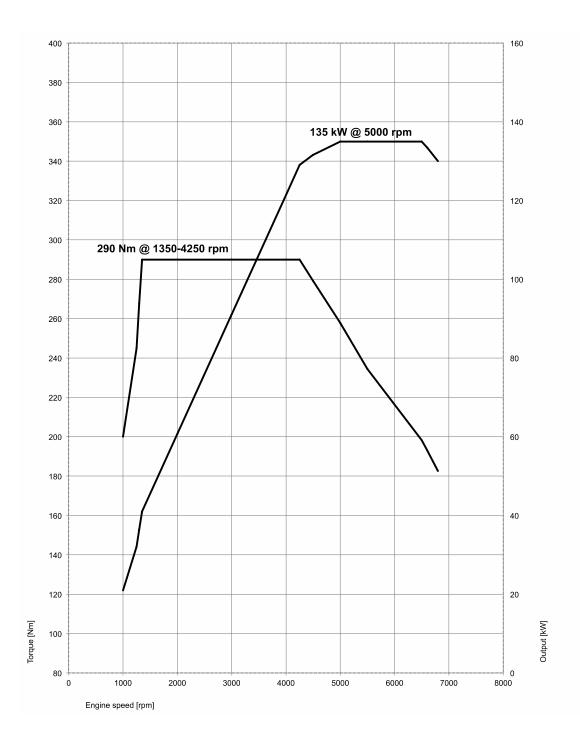
Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight) Figures in brackets apply to models with automatic transmission

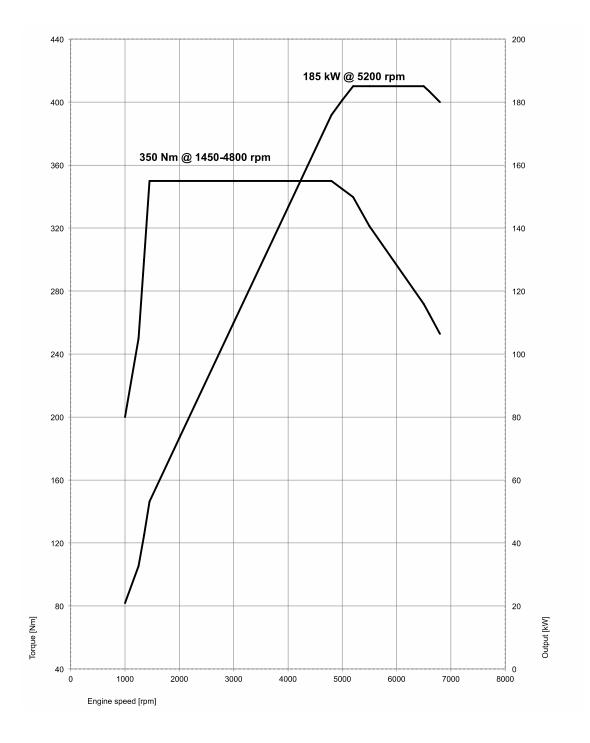
BMW Media Information

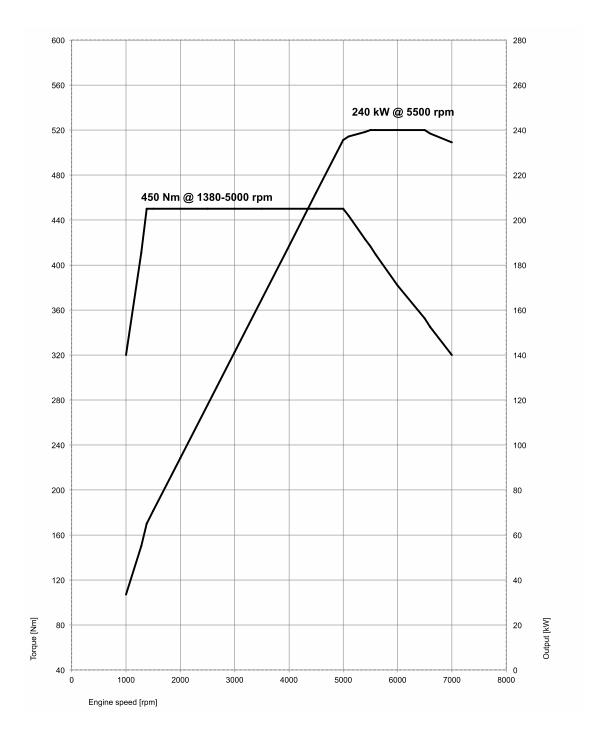
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Output and torque diagrams. BMW 420i.

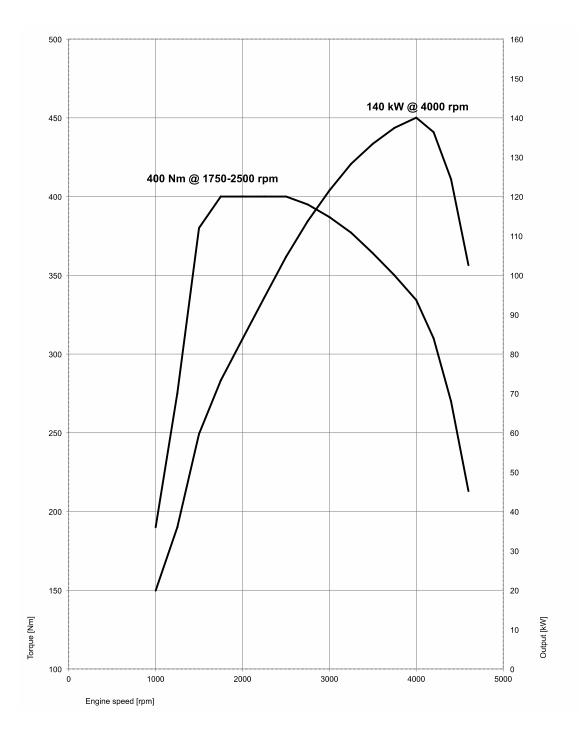








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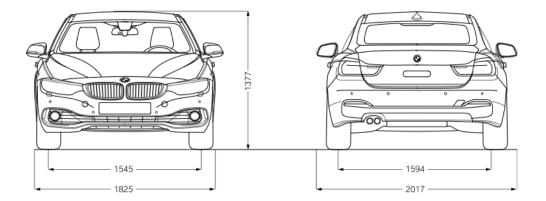
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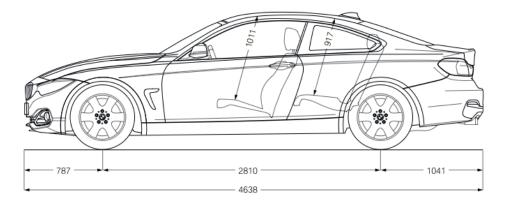
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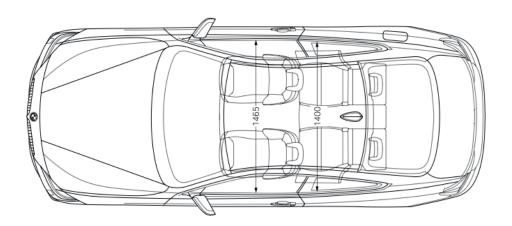
Exterior and interior dimensions.



BMW 4 Series Coupe.

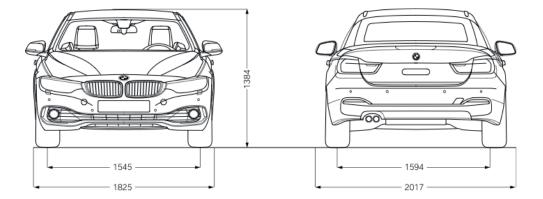


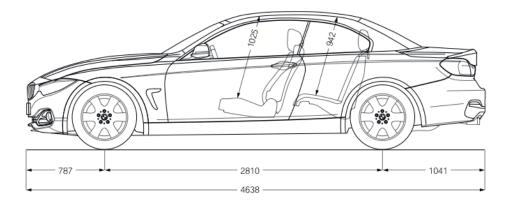


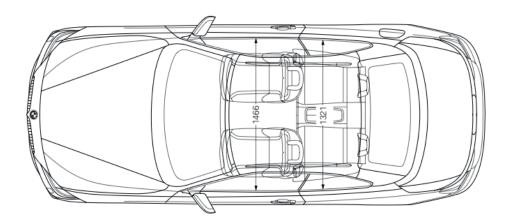


BMW 4 Series Convertible.

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BMW 4 Series Gran Coupe.

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