

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



		BMW 420i xDrive Coupe	BMW 430i xDrive Coupe
<b>Body</b>			
No. of doors/seats		2 / 4	2 / 4
Length/width/height (unladen)	mm	4638 / 1825 / 1392	4638 / 1825 / 1392
Wheelbase	mm	2810	2810
Front/rear track	mm	1544 / 1590	1544 / 1590
Ground clearance	mm	145	145
Turning circle	m	11.8	11.8
Fuel capacity	approx. l	60	60
Engine oil capacity <sup>1)</sup>	l	5.25	5.25
Weight, unladen (DIN/EU)	kg	1560 / 1635 (1570 / 1645)	1575 / 1650
Payload (DIN)	kg	520	520
Permitted total weight	kg	2080 (2090)	2095
Permitted axle load, front/rear	kg	995 / 1135	995 / 1140
Permitted trailer load (12%)			
braked/unbraked	kg	1700 / 750	1700 / 750
Permitted roof load/trailer download	kg	75 / 75	75 / 75
Luggage compartment capacity	l	445	445
Aerodynamic drag	cx x A	0.30 x 2.16	0.30 x 2.16
<b>Engine</b>			
Type/no. of cylinders/valves		in-line / 4 / 4	in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: twin-scroll turbocharger, direct injection system High Precision Injection, fully variable valve control (VALVETRONIC) and double VANOS variable camshaft timing	
Effective capacity	cc	1998	1998
Stroke/bore	mm	94.6 / 82.0	94.6 / 82.0
Compression ratio	:1	11.0	10.2
Fuel type		min RON 91	min RON 91
Output	kW/hp	135 / 184	185 / 252
at rpm	min <sup>-1</sup>	5000	5200
Torque	Nm	270	350
at rpm	min <sup>-1</sup>	1350 – 4600	1450 – 4800
<b>Electrical</b>			
Battery charge/location	Ah/-	80 / luggage compartment	80 / luggage compartment
<b>Driving Dynamics and Safety</b>			
Front suspension		Aluminium double-joint spring-strut axle with displaced camber, small positive steering roll radius, compensation of lateral forces, anti-dive	
Rear suspension		Five-link axle in lightweight steel construction	
Front brakes		Single-piston floating-calliper disc brakes, inner-vented	
Rear brakes		Single-piston floating-calliper disc brakes, inner-vented	
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assistant, linked to xDrive all-wheel drive; optional: Adaptive Suspension	
Safety equipment		Standard: driver and front-seat passenger airbags, driver and front-seat passenger side airbags, head airbags front and rear, three-point automatic seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in front seats, crash sensors, tyre pressure indicator	
Steering		Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Variable Sport Steering	
Overall steering ratio	:1	15.1	15.1
Front/rear tyres		225/50 R17 94W	225/50 R17 94W
Front/rear wheels		7,5J x 17 light-alloy	7,5J x 17 light-alloy

1/2016

valid from  
3/2016

## Specifications. BMW 4 Series Coupe.

		<b>BMW 420i xDrive Coupe</b>	<b>BMW 430i xDrive Coupe</b>
<b>Transmission</b>			
Type of gearbox		6-speed manual (optional: 8-speed Steptronic)	8-speed Steptronic
Gear ratios	I	: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)
Differential ratio		:1	3.385 (2.813)
<b>Performance</b>			
Weight-to-power ratio (DIN unladen)		kg/kW	11.6 (11.6)
Specific power output		kW/l	67.6
Acceleration 0–100 km/h		sec	7.6 (7.8)
in 5th gear 80–120 km/h		sec	9.1 (–)
Max. speed		km/h	233 (231)
<b>BMW EfficientDynamics</b>			
BMW EfficientDynamics		Brake Energy Regeneration with recuperation display, electric power steering (EPS), Auto Start Stop function, gear shift indicator, ECO PRO mode with coasting function (automatic), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, differential and power divider with optimized-warm-up behaviour, tyres with reduced rolling resistance	
Features included as standard			
<b>Fuel consumption (EU)<sup>2)</sup></b>			
with standard wheels and tyres			
Urban		l/100 km	8.7 (7.7)
Extra-urban		l/100 km	5.4 (4.8)
Total		l/100 km	6.6 (5.9)
CO <sub>2</sub> emissions		g/km	154 (137)
With 8J x 18" rims and 225/45 R18 tyres and winter tyres, With 8J x 18" front rims, 8.5J x 18" rear rims, 225/45 R18 front tyres and 255/40 R18 rear tyres, With 8J x 19" front rims, 8.5J x 19" rear rims, 225/40 R19 front tyres and 255/35 R19 rear tyres			
Urban		l/100 km	9.0 (8.1)
Extra-urban		l/100 km	5.7 (5.1)
Total		l/100 km	6.9 (6.2)
CO <sub>2</sub> emissions		g/km	161 (144)
Emissions standard			EU6
EU6			

Technical data valid for ACEA countries/Some permitted weights valid only for Germany  
BMW 420i xDrive Coupe: Figures in brackets are for vehicles with automatic transmission

<sup>1)</sup> Oil change volume

<sup>2)</sup> Fuel consumption and CO<sub>2</sub> emissions depend on the selected tyre format