

# Specifications.

## BMW 2 Series Coupe.

### 220d xDrive



BMW 220d xDrive Coupe		
<b>Body</b>		
No. of doors/seats		2 / 4
Length/width/height <sup>1)</sup> (unladen)	mm	4432 / 1774 / 1418
Wheelbase	mm	2690
Front/rear track	mm	1522 / 1556
Ground clearance	mm	140
Turning circle	m	11.3
Fuel capacity	approx. l	52
Cooling and heating system reservoir capacity	l	7.0
Engine oil capacity <sup>2)</sup>	l	5.0
Weight, unladen (DIN/EU)	kg	1485 / 1560
Payload (DIN)	kg	510
Permitted total weight	kg	1995
Permitted axle load, front/rear	kg	960 / 1100
Permitted trailer load (12%) braked/unbraked	kg	1500 / 750
Permitted roof load/trailer download	kg	75 / 75
Luggage compartment capacity	l	390
Aerodynamic drag	c <sub>c</sub> x A	0.29 x 2.14
<b>Engine</b>		
Type/no. of cylinders/valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: variable-geometry turbocharger, common-rail direct fuel injection with magnetic valve injectors, max. injection pressure: 2000 bar
Effective capacity	cc	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel type		Diesel
Output	kW/hp	140 / 190
at rpm	min <sup>-1</sup>	4000
Torque	Nm	400
at rpm	min <sup>-1</sup>	1750 – 2500
<b>Electrical</b>		
Battery charge/location	Ah/-	90 / luggage compartment
Alternator current/output	A/W	150 / 2100
<b>Driving Dynamics and Safety</b>		
Front suspension		Aluminium double-joint spring strut axle
Rear suspension		Five-link axle in lightweight steel construction with double elastic bearing
Front brakes		Single-piston floating-calliper disc brakes
Rear brakes		Single-piston floating-calliper disc brakes
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 system in Integrated Chassis Management (ICM)
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); optional: Servotronic function, Variable Sport Steering
Overall steering ratio	:1	15.1
Front/rear tyres		205/55 R16 91V
Front/rear wheels		7J x 16 light-alloy

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#### Transmission

Type of gearbox			optional: 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
Differential ratio		:1	2.647

#### Performance

Weight-to-power ratio (DIN unladen)		kg/kW	10.6
Specific power output		kW/l	70.2
Acceleration	0–100 km/h	sec.	6.9
in 5th gear	80–120 km/h	sec.	–
Max. speed		km/h	225

#### BMW EfficientDynamics

BMW EfficientDynamics Features included as standard	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, detachable a/c compressor, differential and power divider with optimized-warm-up behaviour, tyres with reduced rolling resistance
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#### Fuel consumption (EU)<sup>3)</sup>

with standard wheels and tyres		
Urban	l/100 km	5.1
Extra-urban	l/100 km	3.9
Total	l/100 km	4.3
CO <sub>2</sub> emissions	g/km	113
with 7J x 17" rims and 205/50 R17 tyres, with 7.5J x 17" rims and 225/45 R17 tyres and with winter tyres, with 7.5J x 17" front rims, 8J x 17" rear rims, 225/45 R17 front tyres and 245/40 R17 rear tyres		
Urban	l/100 km	5.3
Extra-urban	l/100 km	4.1
Combined	l/100 km	4.5
CO <sub>2</sub> emissions	g/km	119
with 7.5J x 18" front rims, 8J x 18" rear rims, 225/40 R18 front tyres and 245/35 R18 rear tyres		
Urban	l/100 km	5.5
Extra-urban	l/100 km	4.3
Total	l/100 km	4.7
CO <sub>2</sub> emissions	g/km	124
Emissions standard		EU6

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

<sup>1)</sup> Height including roof aerial

<sup>2)</sup> Oil change volume

<sup>3)</sup> Fuel consumption and CO<sub>2</sub> emissions depend on the selected tyre format