

# Specifications. BMW 2 Series Coupe. 225d



BMW 225d 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	1521 / 1556
Ground clearance	mm	140
Turning circle	m	10.9
Fuel capacity	approx. l	52
Engine oil capacity <sup>2)</sup>	l	5.0
Weight, unladen (DIN/EU)	kg	1430 / 1505
Payload (DIN)	kg	510
Permitted total weight	kg	1940
Permitted axle load, front/rear	kg	920 / 1080
Permitted trailer load (12%) braked/unbraked	kg	1500 / 710
Permitted roof load/trailer download	kg	75 / 75
Luggage compartment capacity	l	390
Aerodynamic drag	c <sub>d</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: multi-stage charging, high and low pressure turbocharger with variable-geometry, Common Rail direct injection with solenoid valve injectors (max. injection pressure: 2500 bar)	
Effective capacity	cc	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel type		Diesel
Output	kW/hp	165 / 224
at rpm	min <sup>-1</sup>	4400
Torque	Nm	450
at rpm	min <sup>-1</sup>	1500 – 3000
<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	
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	15.0
Front/rear tyres		205/55 R17 89Y
Front/rear wheels		7J x 17 light-alloy

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Transmission			
Type of gearbox		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	8.7
Specific power output		kW/l	88.6
Acceleration	0–100 km/h	sec.	6.2
in 5th gear	80–120 km/h	sec.	–
Max. speed		km/h	243
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, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance	
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		114
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, 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		5.4
Extra-urban	l/100 km		4.1
Combined	l/100 km		4.6
CO <sub>2</sub> emissions	g/km		121
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