

# Specifications. BMW 2 Series Coupe. 225d



## BMW 225d Coupe

### Body

No. of doors/seats		2 / 4
Length/width/height <sup>1)</sup> (unladen)	mm	4432 / 1774 / 1418
Wheelbase	mm	2690
Track, front/rear	mm	1521 / 1556
Ground clearance	mm	140
Turning circle	m	10.9
Tank capacity	approx. ltr	52
Cooling system incl. heating	ltr	7.0
Engine oil <sup>2)</sup>	ltr	5.2
Weight, unladen, to DIN/EU	kg	1420 / 1495
Max. load to DIN	kg	510
Max. permissible weight	kg	1930
Max. axle load, front/rear	kg	920 / 1060
Max. trailer load, braked (12%/unbraked)	kg	1200 / 710
Max. roof load/towbar download	kg	75 / 75
Luggage comp. capacity	ltr	390
Air resistance	C <sub>d</sub> x A	0.29 x 2.14

### Engine

Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage high-pressure turbocharging with variable inlet geometry, common rail direct injection with piezo injectors, max. injection pressure: 2000 bar
Effective capacity	cm <sup>3</sup>	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel grade		diesel
Output	kW/hp	160 / 218
at	rpm	4400
Torque	Nm	450
at	rpm	1500 – 2500

### Electrical System

Battery/Installation	Ah/–	80 / luggage comp.
Alternator	A/W	175 / 2450

### Driving Dynamics and Safety

Suspension, front		Aluminium double-joint spring strut axle
Suspension, rear		Five-link axle in lightweight steel construction with double elastic bearing
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		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), 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 front and rear, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, Tyre Defect Indicator
Steering		Electric Power Steering (EPS), optional: Servotronic function, variable sport steering
Steering ratio, overall	:1	15.0
Tyres, front/rear		205/50 R17 89W
Rims, front/rear		7J x 17 light-alloy

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<b>Transmission</b>			
Type of gearbox	8-speed automatic 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	3.295
Final drive		:1	2.647
<b>Performance</b>			
Power-to-weight ratio (DIN)	kg/kW		8.9
Output per litre	kW/ltr		80.2
Acceleration	0–100 km/h	s	6.3
	0–1000 m	s	<sup>3)</sup>
in 4th/5th gear	80–120 km/h	s	(– / –)
Top speed	km/h		242
<b>BMW EfficientDynamics</b>			
BMW EfficientDynamics, standard features	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, final drive with optimised warm-up behaviour, tyres with reduced roll resistance		
<b>Fuel consumption EU</b>			
Urban	ltr/100 km		5.6
Extra-urban	ltr/100 km		4.2
Combined	ltr/100 km		4.7
CO <sub>2</sub>	g/km		124
Emission rating			EU6

Specifications apply to ACEA markets; data relevant to homologation applicable in part only to Germany (weight)

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

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

<sup>3)</sup> Data not yet available