

Specifications. BMW 2 Series Coupe. 218d, 220d



		BMW 218d Coupe	BMW 220d Coupe
Body			
No. of doors/seats		2 / 4	2 / 4
Length/width/height ¹⁾ (unladen)	mm	4432 / 1774 / 1418	4432 / 1774 / 1418
Wheelbase	mm	2690	2690
Track, front/rear	mm	1521 / 1556	1521 / 1556
Ground clearance	mm	140	140
Turning circle	m	10.9	10.9
Tank capacity	approx. ltr	52	52
Cooling system incl. heating	ltr	7.0	7.0
Engine oil ²⁾	ltr	5.2	5.2
Weight, unladen, to DIN/EU	kg	1355 / 1430 (1375 / 1450)	1375 / 1450 (1390 / 1465)
Max. load to DIN	kg	510	510
Max. permissible weight	kg	1865 (1885)	1885 (1900)
Max. axle load, front/rear	kg	890 / 1045	900 / 1050
Max. trailer load, braked (12%)/unbraked	kg	1200 / 690	1200 / 710
Max. roof load/towbar download	kg	75 / 75	75 / 75
Luggage comp. capacity	ltr	390	390
Air resistance	C _d x A	0.28 x 2.14	0.28 x 2.14
Engine			
Config./No. of cyls./valves		in-line / 4 / 4	in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology with variable-geometry turbocharger, common-rail direct fuel injection with magnetic valve injectors, max. injection pressure: 1600 bar (BMW 218d Coupe), 1800 bar (BMW 220d Coupe)	
Effective capacity	cm ³	1995	1995
Stroke/bore	mm	90.0 / 84.0	90.0 / 84.0
Compression ratio	:1	16.5	16.5
Fuel grade		diesel	diesel
Output	kW/hp	105 / 143	135 / 184
at	rpm	4000	4000
Torque	Nm	320	380
at	rpm	1750 – 2500	1750 – 2750
Electrical System			
Battery/Installation	Ah/-	80 / luggage comp.	90 (80) / luggage comp.
.Alternator	A/W	175 / 2450	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	15.0
Tyres, front/rear		205/55 R16 91V	205/55 R16 91V
Rims, front/rear		7J x 16 light-alloy	7J x 16 light-alloy

Specifications. BMW 2 Series Coupe.

BMW 218d Coupe			BMW 220d Coupe	
Transmission				
Type of gearbox		6-speed manual gearbox (optional: 8-speed automatic with Steptronic)		
Gear ratios	I	:1	4.110 (4.714)	4.110 (4.714)
	II	:1	2.248 (3.143)	2.248 (3.143)
	III	:1	1.403 (2.106)	1.403 (2.106)
	IV	:1	1.000 (1.667)	1.000 (1.667)
	V	:1	0.802 (1.285)	0.802 (1.285)
	VI	:1	0.659 (1.000)	0.659 (1.000)
	VII	:1	– (0.839)	– (0.839)
	VIII	:1	– (0.667)	– (0.667)
	R	:1	3.727 (3.295)	3.727 (3.295)
Final drive		:1	3.154 (2.647)	3.231 (2.647)
Performance				
Power-to-weight ratio (DIN)	kg/kW		12.9 (13.1)	10.2 (10.3)
Output per litre	kW/ltr		52.6	67.7
Acceleration	0–100 km/h	s	8.9 (8.6)	7.2 (7.1)
	0–1000 m	s	⁴⁾	27.5 (27.4)
in 4th/5th gear	80–120 km/h	s	⁴⁾ / 9.3 (– / –)	5.7 / 7.2 (– / –)
Top speed	km/h		213 (213)	230 (230)
BMW EfficientDynamics				
BMW EfficientDynamics, standard features		Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator (manual gearbox), 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		
Fuel consumption EU ³⁾				
With standard tyres				
Urban	ltr/100 km		5.3 (5.1)	5.6 (4.9)
Extra-urban	ltr/100 km		3.8 (3.7)	3.9 (3.8)
Combined	ltr/100 km		4.3 (4.2)	4.5 (4.2)
CO ₂	g/km		114 (111)	119 (111)
with rims 7J x 17 and tyres 205/50 R17, with rims 7.5J x 17 and tyres 225/45 R 17 as well as winter tyres, with rims 7.5J x 17 front, 8J x 17 rear and tyres 225/45 R17 front, 245/40 R17 rear, with rims 7.5J x 18 front, 8J x 18 rear and tyres 225/40 R18 front, 245/35 R18 rear				
Urban	ltr/100 km		5.5 (5.4)	5.9 (5.2)
Extra-urban	ltr/100 km		3.9 (3.9)	4.1 (4.0)
Combined	ltr/100 km		4.5 (4.4)	4.8 (4.4)
CO ₂	g/km		119 (117)	125 (117)
Emission rating			EU6	EU6

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

¹⁾ Height including roof aerial

²⁾ Oil change volume

³⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format

⁴⁾ Data not yet available