

5. Specifications.

The new BMW 2 Series Active Tourer. 216d, 220d, 220d xDrive.



		BMW 216d Active Tourer	BMW 220d Active Tourer	BMW 220d xDrive Active Tourer
Body				
No of doors/seats		5/5	5/5	5/5
Length/width/height (unladen)	mm	4342/1800/1555	4342/1800/1555	4342/1800/1555
Wheelbase	mm	2670	2670	2670
Track, front/rear	mm	1561/1562	1561/1562	1561/1562
Ground clearance	mm	165	165	165
Turning circle	m	11,3	11,3	11,3
Fuel Tank capacity	app ltr	61	61	61
Cooling system incl heater	ltr	6,3	6,8 (6,9)	6,9
Engine oil ¹⁾	ltr	4,4	5,0	5,0
Weight, unladen, to DINEU	kg	1365/1440	1405/1480 (1430/1505)	1510/1585
Max load to DIN	kg	515	515	515
Max permissible	kg	1905	1955 (1975)	2045
Max axle load, front/rear	kg	1010/930	1060/930 (1080/930)	1105/980
Max trailer load (12%), braked/unbraked	kg	1300/705	1500/735	1600/750
Max roofload/max towbar downl	kg	75/75	75/75	75/75
Luggage comp capacity	ltr	468–1510	468–1510	468–1510
Air drag	Cd x A	0,26 x 2,40	0,27 x 2,40	0,28 x 2,40
Power Unit				
Config/No of cyls/valves		In-line/3/4	In-line/4/4	In-line/4/4
Engine technology		BMW TwinPower Turbo technology with variable-geometry turbocharger, Common Rail direct injection		
Capacity, effective	cc	1496	1995	1995
Stroke/bore	mm	90,0/84,0	90,0/84,0	90,0/84,0
Compression ratio	:1	16,5	16,5	16,5
Fuel		Diesel	Diesel	Diesel
Max output	kW/hp	85/116	140/190	140/190
at	rpm	4000	4000	4000
Max torque	Nm/lb-ft	270	400	400
at	rpm	1750-2250	1750-2500	1750-2500
Electrical System				
Battery / installation	Ah/-	80/ Engine compartment	80/ Engine compartment	80/ Engine compartment
Alternator	A/W	150/2100	150/2100	150/2100
Driving Dynamics and Safety				
Suspension, front		Single-joint spring strut axle in lightweight aluminium-steel construction		
Suspension, rear		Central-arm axle in lightweight construction		
Brakes, front		Single-piston floating-calliper disc brakes / vented		
Brakes, rear		Single-piston floating-calliper disc brakes		
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), DSC cross-linked with all-wheel drive xDrive (220d xDrive), Dry Braking function, Fading Compensation, Start-Off Assistant, Performance Control (220d, 220d xDrive)		
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front		
Steering		Electric Power Steering (EPS); optional: Servotronic		
Steering transmission, overall	:1	15,7		
Tyres, front/rear		205/60 R16 92V		
Rims, front/rear		7,0J x 16		

			BMW 216d Active Tourer	BMW 220d Active Tourer	BMW 220d xDrive Active Tourer	
Transmission						
Type of transmission			Six-speed manual	Six-speed manual (optional: eight-speed Steptronic)	Eight-speed Steptronic	
Gear ratios		I	:1	3,923	3,538 (5,250)	5,250
		II	:1	2,136	1,923 (3,029)	3,029
		III	:1	1,276	1,219 (1,950)	1,950
		IV	:1	0,921	0,881 (1,457)	1,457
		V	:1	0,756	0,810 (1,221)	1,221
		VI	:1	0,628	0,674 (1,000)	1,000
		VII	:1	----	---- (0,809)	0,809
		VII	:1	----	---- (0,673)	0,673
		R	:1	3,538	3,831 (4,015)	4,015
Final drive			:1	3,389	3,778 (2,839)	2,839
Performance						
Power-to-weight ratio		kg/kW	16,1	10,0 (10,2)	10,8	
Output per litre		kW/ltr	56,8	70,2	70,2	
Acceleration	0–100 km/h	sec	10,6	7,6 (7,5)	7,3	
Standing-start km		sec	n.b.	n.b.	n.b.	
In 4th/5th gear	80–120 km/h	sec	11,4	6,9 (–)	--	
Top speed		km/h	195	227 (225)	223	
BMW EfficientDynamics						
BMW EfficientDynamics standard features			Brake Energy Regeneration, electromechanical power steering, Automatic Start/Stop function, Gear shift indicator (Manual Transmission), ECO PRO mode, intelligent lightweight construction, on-demand operation of ancillary units, map- regulated oil pump, air compressor disconnectable, tyres with reduced rolling resistance			
Fuel Consumption ECE ²⁾						
Cycle Standard Wheels:						
Urban	ltr/100k m		4,4	5,2 (4,8)	5,2	
Extra-urban	ltr/100k m		3,4	3,9 (3,9)	4,3	
Combined	ltr/100k m		3,8	4,4 (4,3)	4,6	
CO ₂	g/km		99	115 (112)	122	
Emission rating			EU6	EU6	EU6	

Specifications apply to ACEA markets/data relevant to homologation apply in part only to Germany (weight)
Figures in brackets apply to models with automatic transmission

¹⁾ Oil change

²⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format