

Technical data.

BMW 1 Series Coupé (E82).

BMW UK

September-07

		135i	120d	120d A	123d
Engine platform		N54B30U0	N47D20O0	N47D20O0	N47D20T0
Transmission		M6	M6	A6	M6
No. of doors / seats	-	2 / 4	2 / 4	2 / 4	2 / 4
Vehicle length / width / height -unloaded-	mm	4360 / 1748 / 1408	4360 / 1748 / 1423	4360 / 1748 / 1423	4360 / 1748 / 1423
Wheelbase / Turning cycle	mm / m	2660 / 10.7	2660 / 10.7	2660 / 10.7	2660 / 10.7
Track front / rear	mm	1470 / 1497	1474 / 1507	1474 / 1507	1474 / 1507
Overhang front/rear	mm	751 / 949	751 / 949	751 / 949	751 / 949
Ground clearance -empty-	mm	-	-	-	-
Shoulder width front / rear	mm	1372 / 1357	1372 / 1357	1372 / 1357	1372 / 1357
Elbow width front / rear	mm	1423 / 1398	1423 / 1398	1423 / 1398	1423 / 1398
Eff. head room front / rear	mm	962 / 943	962 / 943	962 / 943	962 / 943
Lugagge capacity	ltr	370	370	370	370
Fuel tank capacity	ltr	53	51	51	51
Curb weight -acc. DIN / EU	kg	1485 / 1560	1375 / 1450	1380 / 1455	1420 / 1495
Axle load ratio -unloaded DIN-	%	47.9	48.4	48.3	48.0
Gross vehicle weight / Payload	kg	1925/ 440	1815 / 440	1820 / 440	1860 / 440
Axle load limit front / rear	kg	945 / 1030	895 / 985	895 / 985	925 / 1000
Trailer load braked -12% / 8%	kg	-	1200/1200	1200/1200	1200/1200
Trailer load unbraked / Roof load limit	kg	- / 75	720 / 75	720 / 75	740 / 75
Engine type / cylinder / valve p cyl	-	R / 6 / 4	R / 4 / 4	R / 4 / 4	R / 4 / 4
Fuel management	-	MSD80	DDE 71	DDE 71	DDE 71
Effective displacement	cm3	2979	1995	1995	1995
Stroke / Bore	mm	89.6 / 84	90 / 84	90 / 84	90 / 84
Nom. power output / Engine speed	kW (hp)/min ⁻¹	225 (306) / 5800	130 (177) / 4000	130 (177) / 4000	150 (204) / 4400
Max. torque / engine speed	Nm/min ⁻¹	400 / 1300	350 / 1750	350 / 1750	400 / 2000
Compression ratio / Fuel type	-	10.2 / RON 95-98	16 / Diesel	16 / Diesel	16 / Diesel
Exhaust emissions qualification	-	EU4	EU4	EU4	EU4
Codification of reference gearbox	-	G	Hweit	6HP19	G weit
Gear ratio 1st/2nd/3rd	-	4.055 / 2.396 / 1.582	5.140 / 2.830 / 1.804	4.171 / 2.340 / 1.521	5.080 / 2.804 / 1.783
gear ratio 4th/5th/6th	-	1.192 / 1.000 / 0.872	1.257 / 1.000 / 0.831	1.143 / 0.867 / 0.691	1.260 / 1.000 / 0.835
Reverse ratio	-	3.677	4.638	3.403	4.607
Final drive ratio	-	3.077	2.563	3.154	2.813
Steering type / ratio	-	rack-and-pinion / 16.00	rack-and-pinion / 16.00	rack-and-pinion / 16.00	rack-and-pinion / 16.00
Brake front / diameter	- / mm	disc vent. / 338 x 26	disc vent. / 300x24	disc vent. / 300x24	disc vent. / 330x24
Brake rear / diameter	- / mm	disc vent. / 324 x 22	disc / 300x20	disc / 300x20	disc vent. / 300x20
Drag cd / A / cd x A	- / m ² / m ²	0.33 / 2.10 / 0.69	0.30 / 2.10 / 0.63	0.30 / 2.10 / 0.63	0.30 / 2.10 / 0.63
Top speed	mph	155**	142	140	148
Acceleration 0-62	s	5.3	7.6	7.8	7.0
Acceleration 0-1000 m	s	24.4	28.2	28.1	27.3
Accel. 50-75 mph 4th / 5th / 6th gear	s	5.0 / 6.0 /	6.4 / 8.0 / -	- / -	5.5 / 6.6 / -
Weight ratio	kg/kW	6.6	10.6	10.6	9.5
Output per litre	kW/ltr	75.5	65.2	65.2	75.2
Fuel consumption -EU urban-	mpg (ltr/100km)	21.7 (13.0)	46.3 (6.1)	39.2 (7.2)	43.5 (6.5)
Fuel consumption -EU extra-urban-	mpg (ltr/100km)	40.4 (7.0)	68.9 (4.1)	64.2 (4.4)	64.2 (4.4)
Fuel consumption -EU combined- / Range	mpg (ltr/100km) / miles	30.7 (9.2) / 357	58.9 (4.8) / 659	52.3 (5.4) / 587	54.3 (5.2) / 609
CO2-emission -EU-	g/Km	220	128	144	138
Tyre type -front-	-	215/40 R18	205/55 R16	205/55 R16	205/50 R17
Tyre type -rear-	-	245/35 R18	205/55 R16	205/55 R16	205/50 R17
Front rim	-	7.5 J x 18 Alloy	7 J x 16 Alloy	7 J x 16 Alloy	7J x 17 Alloy
Rear trim	-	8.5 J x 18 Alloy	7 J x 16 Alloy	7 J x 16 Alloy	7J x 17 Alloy
Radiators incl. heater / Engine oil exchange quantity*	ltr	8.2 / 6.5	7.2 / 5.5	7.5 / 5.5	7.2 / 5.5
Transmission fluid -exchange quality-	ltr	Permanent filling	Permanent filling	Permanent filling	Permanent filling
Battery capacity / installed position	Ah / -	70 / luggage compart.	80 / luggage compart.	80 / luggage compart.	80 / luggage compart.
Alternator output rating	A / W	180 / 2520	180 / 2520	180 / 2520	180 / 2520
Width incl. mirrors	mm	1934	1934	1934	1934
Rim offset	mm	49/52	47/47	47/47	47/47

** Electronically limited