

Specifications BMW 3 Series Saloon. 320i; 325i; 330i; 320d.

| Body | | 320i | 325i | 330i | 320d |
|------------------------------------|--|-------------------|-------------------|-------------------|-------------------|
| No. of doors/seats | | 4/5 | 4/5 | 4/5 | 4/5 |
| Length/width/height (unladen) | mm | 4,520/1,817/1,421 | 4,520/1,817/1,421 | 4,520/1,817/1,421 | 4,520/1,817/1,421 |
| Wheelbase | mm | 2,760 | 2,760 | 2,760 | 2,760 |
| Track, front/rear | mm | 1,500/1,513 | 1,500/1,513 | 1,500/1,513 | 1,500/1,513 |
| Turning circle | m | 11.0 | 11.0 | 11.0 | 11.0 |
| Fuel tank capacity | approx. ltr | 60 | 60 | 60 | 60 |
| Cooling system incl. heating | ltr | 7.5 (8.1) | 8.2 (8.5) | 8.2 (8.5) | 7.5 (7.9) |
| Engine oil | ltr | 4.25 | 6.5 | 6.5 | 5.5 |
| Transmission fluid | ltr | Permanent filling | Permanent filling | Permanent filling | Permanent filling |
| Final drive fluid | ltr | Permanent filling | Permanent filling | Permanent filling | Permanent filling |
| Weight, unladen (EU ¹) | kg | 1,395 (1,425) | 1,490 (1,520) | 1,525 (1,540) | 1,490 (1,505) |
| Max load (DIN) | kg | 520 | 520 | 520 | 520 |
| Max. permissible weight (DIN) | kg | 1,840 (1,870) | 1,935 (1,965) | 1,970 (1,985) | 1,935 (1,950) |
| Permissible axle load front/rear | kg | 870/1,035 | 925 (1,075) | 935/1,085 | 925/1,060 |
| Max. trailer load ² | | | | | |
| braked (12%/unbraked) | kg | 1,400 (1,500)/695 | 1,600 (1,700)/745 | 1,700 (1,800)/750 | 1,600/745 |
| Max. roof load/trailer nose | kg | 75/75 | 75/75 | 75/75 | 75/75 |
| Luggage comp. capacity | ltr | 460 | 460 | 460 | 460 |
| Drag coefficient | c _x x A | 0.28 x 2.11 | 0.30 x 2.11 | 0.30 x 2.11 | 0.29 x 2.11 |
| Engine | | | | | |
| Layout/No. of cylinders/Valves | | Inline/4/4 | Inline/6/4 | Inline/6/4 | Inline/4/4 |
| Engine management | | MEV9 | MSV70 | MSV70 | DDE6 |
| Displacement | cc | 1,995 | 2,497 | 2,996 | 1,995 |
| Bore/Stroke | mm | 84.0/90.0 | 78.8/82.0 | 85.0/88.0 | 84.0/90.0 |
| Compression ratio | :1 | 10.5 | 11.0 | 10.7 | 17.0 |
| Fuel grade ³ | RON | 91-98 | 91-98 | 91-98 | Diesel |
| Max. output | kW/bhp | 110/150 | 160/218 | 190/258 | 120/163 |
| At engine speed | rpm | 6,200 | 6,500 | 6,600 | 4,000 |
| Torque | Nm | 200 | 250 | 300 | 340 |
| At engine speed | rpm | 3,600 | 2,750-4,250 | 2,500-4,000 | 2,000 |
| Electrics | | | | | |
| Battery/Location | Ah/- | 46/boot | 70/boot | 70/boot | 80/boot |
| Alternator | A/W | 110/1,540 | 155/2,170 | 155/2,170 | 150/2,100 |
| Chassis | | | | | |
| Front suspension | Double-joint spring-strut suspension with displaced camber; small positive steering scrub radius; traverse force compensation; anti-dive | | | | |
| Rear suspension | Independent 5-arm axle, steel-lightweight construction | | | | |
| Brakes, front | Single-piston floating-caliper disc brakes | | | | |
| Diameter | mm | 292 x 22, vented | 300 x 24, vented | 330 x 24, vented | 300 x 24, vented |
| Brakes, rear | Single-piston floating-caliper disc brakes | | | | |
| Diameter | mm | 296 x 10, vented | 300 x 20, vented | 336 x 22, vented | 300 x 20, vented |
| Driving Stability Systems | ABS, Traction Control (ASC+T), wheel-selective Electronic Braking Distribution (EBD,CBC), Dynamic Stability Control (DSC), Electronic Differential Lock (ADB), Dynamic Brake Control (DBC) | | | | |
| Steering | Rack-and- pinion, power-assisted; 3.0 turns lock to lock | | | | |
| Overall ratio | :1 | 16.0 | 16.0 | 16.0 | 16.0 |
| Type of transmission | 6-gear manual; 6-gear sequential manual transmission (for 325i and 330i) as an option; 6-gear Steptronic automatic transmission as an option | | | | |
| Transmission ratio | I | :1 4.32 (4.17) | 4.32 (4.17) | 4.35 (4.17) | 5.14 (4.17) |
| | II | :1 2.46 (2.34) | 2.46 (2.34) | 2.50 (2.34) | 2.83 (2.34) |
| | III | :1 1.66 (1.52) | 1.66 (1.52) | 1.67 (1.52) | 1.80 (1.52) |
| | IV | :1 1.23 (1.14) | 1.23 (1.14) | 1.23 (1.14) | 1.26 (1.14) |
| | V | :1 1.00 (0.87) | 1.00 (0.87) | 1.00 (0.87) | 1.00 (0.87) |
| | VI | :1 0.85 (0.69) | 0.85 (0.69) | 0.85 (0.69) | 0.83 (0.69) |
| | R | :1 3.94 (3.40) | 3.94 (3.40) | 3.93 (3.40) | 4.64 (3.40) |
| Final drive ratio | :1 | 3.38 (3.91) | 3.23 (3.73) | 3.15 (3.64) | 2.56 (3.15) |
| Tyres | | 205/55 R 16 91 V | 205/55 R 16 91 W | 225/45 R 17 91W | 205/55 R 16 91 V |
| Wheels | | 7 J x 16 steel | 7 J x 16 steel | 8 J x 17 alloy | 7 J x 16 steel |
| Performance | | | | | |
| Power to weight ratio (DIN) | kg/kW | 12.0 (12.3) | 8.8 (9.0) | 7.6 (7.7) | 11.8 (11.9) |
| Output per litre | kW/ltr | 55.1 | 64.1 | 63.4 | 60.2 |
| Acceleration | 0-62mph | sec 9.0 (9.7) | 7.0 (7.7) | 6.3 (6.6) | 8.3 (8.6) |
| | 0-1,000 m | sec 29.9 (30.7) | 27.4 (28.1) | 26.2 (26.2) | 29.3 (29.5) |
| | 50-75 mph in 4 th gear | sec 8.9 (-) | 7.5 (-) | 6.5 (-) | 6.5 (-) |
| Top speed ⁴ | km/h | 220 (215) | 245 (242) | 250 (250) | 225 (220) |
| Fuel consumption (EU cycle) | | | | | |
| In town | ltr/100 km | 10.7 (11.0) | 12.1 (12.9) | 12.7 (12.9) | 7.8 (9.1) |
| Out of town | ltr/100 km | 5.6 (6.2) | 6.2 (6.7) | 6.4 (6.8) | 4.5 (5.3) |
| Overall | ltr/100 km | 7.4 (7.9) | 8.4 (9.0) | 8.7 (9.0) | 5.7 (6.7) |
| CO ₂ | g/km | 178 (190) | 203 (218) | 210 (216) | 153 (179) |
| Miscellaneous | | | | | |
| Emission classification | | EU4 | EU4 | EU4 | EU4 |

The values given in parenthesis apply to the automatic transmission.

¹Weight of the car in road trim (DIN) plus 75 kg for driver and luggage.

²Deviations are possible under certain conditions.

³Information about performance and fuel consumption relate to RON 98.

⁴Electronically.