

Specifications.

BMW 740i.

BMW 750i.

BMW 760i.



| | | BMW 740i | BMW 750i | BMW 760i |
|--|---------|---|---|---|
| Body | | | | |
| No of doors/seats | | 4 / 5 | 4 / 5 | 4 / 5 |
| Length/width/height (unladen) | mm | 5079 / 1902 / 1471 | 5079 / 1902 / 1471 | 5079 / 1902 / 1471 |
| Wheelbase | mm | 3070 | 3070 | 3070 |
| Track, front/rear | mm | 1611 / 1650 | 1611 / 1650 | 1611 / 1650 |
| Ground clearance | mm | 152 | 152 | 152 |
| Turning circle | m | 12.2 | 12.2 | 12.2 |
| Tank capacity | app ltr | 80 | 80 | 80 |
| Cooling system incl heater | ltr | 10.2 | 12.6 | 14.7 |
| Engine oil ¹⁾ | ltr | 6.5 | 9.0 | 10.5 |
| Weight, unladen, to DIN/EU | kg | 1825 (1900) | 1940 (2015) | 2105 (2180) |
| Max load to DIN | kg | 650 | 640 | 590 |
| Max permissible | kg | 2515 | 2600 | 2695 |
| Max axle load, front/rear | kg | 1180 / 1415 | 1250 / 1425 | 1340 / 1435 |
| Max trailer load (12%), braked/unbraked | kg | 2100 / 750 | 2100 / 750 | 2100 / 750 |
| Max roofload/max towbardownl | kg | 100 / 100 | 100 / 100 | 100 / 100 |
| Luggage comp capacity | ltr | 500 | 500 | 500 |
| Air drag | Cd x A | 0.28 x 2.42 | 0.28 x 2.42 | 0.30 x 2.42 |
| Power Unit | | | | |
| Config/No of cyls/valves | | In-line six / 4 | V 8 / 4 | V 12 / 4 |
| Engine technology | | BMW TwinPower Turbo, second-generation direct injection (High Precision Injection) | BMW TwinPower Turbo, second-generation direct injection (High Precision Injection) | BMW TwinPower Turbo, second-generation direct injection (High Precision Injection) |
| Capacity, effective | cc | 2979 | 4395 | 5972 |
| Stroke / bore | mm | 89.6 / 84.0 | 88.3 / 89.0 | 80.0 / 89.0 |
| Compression ratio | :1 | 10.2 | 10.0 | 10.0 |
| Fuel | | min RON 91 | min RON 91 | min RON 91 |
| Max output | kW/hp | 235 / 320 | 330 / 449 | 400 / 544 |
| at | rpm | 5800 | 5500 | 5250 |
| Max torque | Nm | 450 | 650 | 750 |
| at | rpm | 1300–4500 | 2000–4500 | 1500–5000 |
| Electrical System | | | | |
| Battery/location | Ah/– | 90 / luggage comp | 90 luggage comp | 90 / luggage comp |
| Alternator | A/W | 210 / 2940 | 210 / 2940 | 220 / 3080 |
| Driving Dynamics and Safety | | | | |
| Suspension, front | | Double-track control arm axle with separate lower track arm level in aluminium construction, small steering roll radius, anti-dive | | |
| Suspension, rear | | Integral-V multi-arm axle in aluminium with steering function, anti-squat and anti-dive, double acoustic separation, air suspension with automatic height adjustment | | |
| Brakes, front | | Single-piston floating-calliper disc brakes / vented | | |
| Brakes, rear | | Single-piston fixed-calliper disc brakes / vented | | |
| Driving stability systems | | Standard: DSC incl ABS and DTC Dynamic Traction Control, CBC Cornering Brake Control, DBC Dynamic Brake Control, Dry Braking, Fading Compensation, Start-Off Assistant, Dynamic Damping Control, optional: Dynamic Drive anti-roll stability management (standard in the BMW 760i) | | |
| Safety equipment | | Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, active headrests at the front, three-point inertia-reel seat belts on all seats, belt latch tensioners at the front, crash sensors, Tyre Defect Indicator | | |
| Steering | | Electronic Power Steering (EPS) with speed-related steering assistance (Servotronic) and CO ₂ -optimised pump | | |
| Steering transmission, overall | :1 | 17.1 | 17.1 | 17.1 |
| Tyres, front/rear | | 245/50 R18 100Y RSC | 245/50 R18 100Y RSC | 245/50 R18 100Y RSC |
| Rims, front/rear | | 8J x 18 light-alloy | 8J x 18 light-alloy | 8J x 18 light-alloy |



6/2012

valid from
7/2012

| BMW 740i | | | BMW 750i | | BMW 760i |
|---|------------|------|---|-------|----------|
| BMW ConnectedDrive | | | | | |
| Convenience | | | Optional: BMW Assist including Enquiry Service, remote-control function and RTTI Real Time Traffic Information, BMW TeleServices, integration of mobile devices, Rear Seat Entertainment, Comfort Access with contactless opening of the tailgate | | |
| Infotainment | | | Optional: internet access, BMW Online including features such as Park Info, 3D City Mode, National Info, Google Local Search, News, Realtime Weather, Office functions, Speech to Text, BMW Routes, Online Update Music Tracks | | |
| Safety | | | Optional: Adaptive Headlights with Cornering Lights, LED High-Beam Assistant, Park Distance Control, Side View, Top View, rear-view camera (standard in the BMW 760i), BMW Parking Assistant, BMW Night Vision with pedestrian detection + Dynamic Light Spots, Head-Up Display, Active Cruise Control premium with Stop & Go and emergency brake assist, Lane Change Warning, Lane Departure Warning, Speed Limit Info with No Passing Info, Active Protection with Attentiveness assistant, Automatic/Advanced Emergency Call | | |
| Transmission | | | | | |
| Type of transmission | | | Eight-speed automatic transmission with Steptronic | | |
| Gear ratios | I | :1 | 4.714 | 4.714 | 4.714 |
| | II | :1 | 3.143 | 3.143 | 3.143 |
| | III | :1 | 2.208 | 2.208 | 2.208 |
| | IV | :1 | 1.667 | 1.667 | 1.667 |
| | V | :1 | 1.285 | 1.285 | 1.285 |
| | VI | :1 | 1.000 | 1.000 | 1.000 |
| | VII | :1 | 0.839 | 0.839 | 0.839 |
| | VIII | :1 | 0.667 | 0.667 | 0.667 |
| | Reverse | :1 | 3.295 | 3.317 | 3.317 |
| Final drive | | :1 | 3.077 | 2.813 | 2.813 |
| Performance | | | | | |
| Power-to-weight ratio | kg/kW | 7.8 | 5.9 | 5.3 | |
| Output per litre | kW/hp | 78.9 | 75.1 | 67.0 | |
| Acceleration 0–100 km/h | sec | 5.7 | 4.8 | 4.6 | |
| Standing start km | sec | 25.2 | 22.9 | 22.5 | |
| Top speed | km/h | 250 | 250 | 250 | |
| BMW EfficientDynamics | | | | | |
| BMW EfficientDynamics standard features | | | Auto Start-Stop function, ECO PRO mode (not in the 760i/Li), Brake Energy Regeneration, coasting mode, Varioserve steering assistance pump, intelligent lightweight technology, air flap control, on-demand fuel pump, on-demand coolant pump, final drive with optimised thermal management, tyres with reduced rolling resistance, a/c compressor detachable, optional Dynamic Drive with on-demand pump control (standard in the BMW 760i) | | |
| Fuel Consump EU Cycle | | | | | |
| Urban | ltr/100 km | 10.6 | 11.9 | 19.6 | |
| Extra-urban | ltr/100 km | 6.3 | 6.6 | 8.8 | |
| Combined | ltr/100 km | 7.9 | 8.6 | 12.8 | |
| CO ₂ | g/km | 184 | 199 | 299 | |
| Emission rating | | EU5 | EU5 | EU5 | |
| Insurance group | | | | | |
| KH/VK/TK | | | n.b. | | |

Specifications applicable to ACEA markets/homologation data applicable in part only to Germany (weight).

1) Oil change