BMW Media Information

9/2015

Valid from 11/2015



| | | BMW 740i | BMW 740Li | | |
|---|--|---|---------------------------------|--|--|
| Body | | | | | |
| No. of doors/seats | | 4/5 | A / I | | |
| Length/width/height ¹⁾ (unladen) | | 4/5 | 5229/1002/1405 | | |
| Wheelbase | mm | 5098 / 1902 / 1478 | 5238 / 1902 / 1485 | | |
| Track, front/rear | mm | | | | |
| Ground clearance | mm | 135 | 135 | | |
| Turning circle | mm | 12.3 | 12.8 | | |
| Tank capacity | opprov. ltr | 78 | 78 | | |
| | approx. ltr ltr | 6.5 | 6.5 | | |
| Weight, unladen. to DIN/EU | kg | 1725 / 1800 | 1770 / 1845 | | |
| Max. load to DIN | kg | 675 | 675 | | |
| Max. permissible weight | kg | 2400 | 2445 | | |
| Max. axle load, front/rear | kg | 1135 / 1320 | 1155 / 1340 | | |
| Max. trailer load, | - | 113571320 | 11557 1340 | | |
| braked (12%)/unbraked | kg | 2100/750 | 2100/750 | | |
| Max. roof load/towbar download | kg | 100 / 100 | 100 / 100 | | |
| Luggage comp. capacity | Ky | 515 | 515 | | |
| Air resistance | Cd X A | 0.24 x 2.41 | 0.24 x 2.42 | | |
| | Cd X A | 0.24 X 2.41 | 0.24 % 2.42 | | |
| Engine | | | | | |
| Config./No. of cyls./valves | | In-line / 6 / 4 | In-line / 6 / 4 | | |
| Engine technology | E | 3MW TwinPower Turbo technology: TwinScro | II turbocharger, High Precision | | |
| | I | Injection, VALVETRONIC fully variable valve co | ntrol, Double-VANOS variable | | |
| | | camshaft timing | | | |
| Effective capacity | cm ³ | 2998 | 2998 | | |
| Stroke/bore | mm | 94.6 / 82.0 | 94.6 / 82.0 | | |
| Compression ratio | :1 | 11.0 | 11.0 | | |
| Fuel | | min RON 91 | min RON 91 | | |
| Output | kW/hp | 240/326 | 240/326 | | |
| at | rpm | 5500 - 6500 | 5500 - 6500 | | |
| Torque | Nm | 450 | 450 | | |
| at | rpm | 1380 – 5000 | 1380 – 5000 | | |
| Electrical System | | | | | |
| Battery/Installation | Ah/- | 105 / luggage comp. | 105 / luggage comp | | |
| Alternator | A/W | 180 / 2520 | 180 / 2520 | | |
| Alternator | AVV | 16072320 | 10072320 | | |
| Driving Dynamics and Safety | / | | | | |
| Suspension, front | | Double track control arm axle with separa | | | |
| | | aluminium, small steering roll radius, anti-dive, | air suspension with automatic | | |
| | | self-levelling | | | |
| Suspension, rear | Five-link axle, aluminium, with steering function, anti-squat and anti-dive, | | | | |
| | double acoustic separation, air suspension with automatic self-levelling | | | | |
| Brakes, front | | Four-piston fixed-calliper disc k | | | |
| Brakes, rear | Single-piston floating-calliper disc brakes, vented | | | | |
| Driving stability systems | Standard: DSC incl ABS and Dynamic Traction Control (DTC), Cornering | | | | |
| | Brake Control (CBC), Dynamic Brake Control (DBC), Dry Braking function, | | | | |
| | | Fading Compensation, Start-Off Assistant, | • | | |
| Safety equipment | Standard: airbags for driver and passenger, side airbags for driver | | | | |
| | and passenger, head airbags for 1st and 2nd seat row, knee airbag for driver, | | | | |
| | three-point inertia-reel belts on all seats, integrated at the front with belt | | | | |
| | | tightener and belt force limiter, crash sense | | | |
| Steering | | Electric Power Steering | | | |
| | | with Servotronic function, optional: Int | · · · | | |
| Steering ratio, overall | :1 | 16.9 | 16.9 | | |
| Tyres, front/rear | | 225/60 R17 99Y | 225/60 R17 99Y | | |
| Rims, front/rear | | 7.5J x 17 light alloy | 7.5J x 17 light alloy | | |

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Specifications. BMW 7 Series.

| | | | BMW 740i | BMW 740Li |
|---|--|--|---|---|
| Transmission | | | | |
| Type of gearbox | (| | 8-speed Steptronic transmission 8-speed Ste | ptronic transmissior |
| Gear ratios | | :1 | 5.000 | 5.000 |
| | | :1 | 3.200 | 3.200 |
| | | :1 | 2.143 | 2.143 |
| | IV | :1 | 1.720 | 1.720 |
| | V | :1 | 1.314 | 1.314 |
| | VI | :1 | 1.000 | 1.000 |
| | VII | :1 | 0.822 | 0.822 |
| | VIII | :1 | 0.640 | 0.640 |
| | R | :1 | 3.456 | 3.456 |
| -inal drive | | :1 | 3.077 | 3.077 |
| Performance | | | | |
| Power-to-weigh | t ratio (DIN) | kg/kW | 7.2 | 7.4 |
| Output per litre | . / | kW/ltr | 80.1 | 80.1 |
| Acceleration | 0–100 km/h | S | 5.5 | 5.6 |
| n 5th gear | 80–120 km/h | S | - | - |
| Fop speed | | km/h | 250 | 250 |
| BMW Efficient BMW EfficientD | ynamics | | Brake Energy Regeneration with recuperation display Steering, Auto Start Stop function, Optimum Gearshift Ir mode with coasting function and Proactive Driving A | ndicator, ECO PRO Assistant, BMW |
| BMW Efficient BMW EfficientD standard feature | ynamics | | Steering, Auto Start Stop function, Optimum Gearshift Ir | dicator, ECO PRO ssistant, BMW ctive air flap control, illed oil pump, timised warm-up |
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Specifications apply to ACEA markets; data relevant to homologation applicable in part only to Germany (weight)

¹⁾ Height including roof aerial
²⁾ Oil change volume
³⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format