

# Specifications BMW 3 Series Touring. 328i



6/2012

valid from  
7/2012

| BMW 328i Touring                             |   |  |
|--|---|--|
| <b>Body</b>                                  |   |  |
| No of doors / seats                          |   | 5 / 5  |
| Length/width/height (unladen)                | mm  | 4624 / 1811 / 1429   |
| Wheelbase                                    | mm  | 2810   |
| Track, front/rear                            | mm  | 1531 / 1572  |
| Ground clearance                             |   | 140  |
| Turning circle                               | m   | 11,3   |
| Tank capacity                                |   | 60   |
| Cooling system incl heater                   | ltr   | 6,9 (7,6)  |
| Engine oil <sup>1)</sup>                     | ltr   | 5,75   |
| Weight, unladen, to DINEU                    | kg  | 1500 / 1585 (1520/1595)  |
| Max load to DIN                              | kg  | 550  |
| Max permissible                              | kg  | 2050 (2070)  |
| Max axle load, front / rear                  | kg  | 915 / 1210   |
| Max trailer load (12%),<br>braked / unbraked | kg  | 1600 / 745   |
| Max roofload / max download                  | kg  | 75 / 75  |
| Luggage comp                                 | ltr   | 495 / 1500   |
| Air drag                                     | cd x A  | 0,32 x 2,20  |
| <b>Power Unit</b>                            |   |  |
| Configuration/No of cyls/valves              |   | In line / -4 / 4   |
| Engine technology                            |   | BMW TwinPower Turbo Technology: Twin-Scroll Turbocharging, High Precision Direct Injection, fully variable valve control (VALVETRONIC) |
| Capacity, effective                          | cc  | 1997   |
| Stroke / bore                                | mm  | 90,1 / 84,0  |
| Compression ratio                            | :1  | 10,0   |
| Fuel   |   | min RON 91   |
| Max output                                   | kW/hp   | 180 / 245  |
| at   | rpm   | 5000-6000  |
| Max torque                                   | Nm/lb-ft  | 350  |
| at   | rpm   | 1250-4800  |
| <b>Electrical System</b>                     |   |  |
| Battery / installation                       | Ah/-  | 90 / Luggage Compartment   |
| Alternator                                   | AW  | 210 / 2940   |
| <b>Driving Dynamics and Safety</b>           |   |  |
| Suspension, front                            | Double-joint spring strut axle in aluminium with displaced castor, small positive steering roll radius, compensation of lateral forces, anti-dive   |  |
| Suspension, rear                             | Five-arm axle in lightweight steel  |  |
| Brakes, front                                | Single-piston swing-calliper disc brakes/ vented  |  |
| Brakes, rear                                 | Single-piston swing-calliper disc brakes/ vented  |  |
| Driving stability systems                    | Standard: DSC incl ABS and DTC Dynamic Traction Control, CBC Cornering Brake Control, DBC Brake Assistant, Dry Braking, Fading Compensation, Start-Off Assistant  |  |
| Safety                                       | Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel belts on all seats, with belt retainer, belt latch tensioner and belt force limiter at the front, crash-activated headrests at the front, crash sensors, Tyre Defect Indicator |  |
| Steering                                     | Electric Power Steering (EPS), optional: Servotronic Function, Variable Sport Steering  |  |
| Steering ratio, overall                      | :1  | 15,1   |
| Tyres, front/rear                            | 225/50 R17 94W  |  |
| Wheels, front/rear                           | 7,5J x 17 Light Alloy   |  |

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| BMW 328i                                 |          |   |               |
|--|----------|---|---------------|
| BMW ConnectedDrive                       |          |   |               |
| Comfort                                  |          | Optional: BMW Assist including information service, remote functions, Real-Time Traffic Information, BMW TeleServices, mobile device integration  |               |
| Infotainment                             |          | Optional: access to the internet, BMW Online incl Parkinfo, National Info, Google directory search, news, realtime weather, BMW Routes, office functions, Bluetooth audio streaming and music title update online, apps   |               |
| Safety                                   |          | Optional: Adaptive Headlights with turning lights, variable light distribution and adaptive headlight range adjustment, high beam assistance, park distance control, rear view camera, Surround View incl. Side View and Top View, BMW Head-Up Display, cruise control with brake function, Parking Assistant, Lane Chance Warning, Lane Departure Warning with Collision Warning, speed limit and no passing information, Active Protection, extended emergency call |               |
|  |          |   |               |
| Transmission                             |          |   |               |
| Type of transmission                     |          | Six-speed manual (optional: eight-speed automatic)  |               |
| Gear ratios                              | I        | :1  | 3,683 (4,174) |
|  | II       | :1  | 2,062 (3,143) |
|  | III      | :1  | 1,313 (2,106) |
|  | IV       | :1  | 1,000 (1,667) |
|  | V        | :1  | 0,809 (1,285) |
|  | VI       | :1  | 0,677 (1,000) |
|  | VII      | :1  | ----- (0,839) |
|  | VIII     | :1  | ----- (0,667) |
|  | R        | :1  | 3,348 (3,295) |
| Final Drive                              |          | :1  | 3,909 (3,154) |
| Performance                              |          |   |               |
| Power-to-weight ratio                    | kg/kW    |   | 8,3 (8,4)     |
| Output per litre                         | kW/l     |   | 90,1          |
| Acceleration 0–100 km/h                  | sec      |   | 6,0 (6,0)     |
| standing-start                           | sec      |   | 26,0 (25,9)   |
| In 4th/5th gear 80–120 km/h              | sec      |   | 5,8 / 7,2 (-) |
| Top speed                                | km/h     |   | 250 (250)     |
| BMW EfficientDynamics                    |          |   |               |
| BMW EfficientDynamics, standard features |          | Brake Energy Regeneration, electromechanical power steering, Automatic Start/Stop function, ECO PRO mode, intelligent lightweight construction, on-demand operation of ancillary units, map-regulated oil pump, Electric Power Steering (EPS), detachable a/c compressor, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance  |               |
|  |          |   |               |
| Fuel Consump in EU Cycle                 |          |   |               |
| Urban                                    | ltr/100k |   | 9,2 (8,4)     |
| Extra-urban                              | ltr/100k |   | 5,5 (5,4)     |
| Combined                                 | ltr/100k |   | 6,8 (6,5)     |
| CO <sub>2</sub>                          | g/km     |   | 159 (152)     |
| Emission rating                          |          |   | EU5           |

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

<sup>1)</sup> Oil change