BMW Media Information

01/2015

Specifications. BMW 1 Series 3 Door Hatch. 118d, 118d xDrive



| | | BMW 118d 3-door | BMW 118d xDrive 3-door | | |
|----------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------|------------------------|--|--|
| Body | | | | | |
| No. of doors/seats | | 3 / 4 (5) | 3 / 4 (5) | | |
| Length/width/height 1) (unladen) | mm | 4329 / 1765 / 1421 | 4329 / 1765 / 1421 | | |
| Wheelbase | mm | 2690 | 2690 | | |
| Track, front/rear | mm | 1535 / 1569 | 1522 / 1556 | | |
| Ground clearance | mm | 140 | 140 | | |
| Turning circle | m | 10.9 | 11.3 | | |
| Fuel tank capacity | approx. | 52 | 52 | | |
| | ltr | 32 | 32 | | |
| Cooling system incl. heater | ltr | 7.0 | 7.0 | | |
| Engine oil 2) | ltr | 5.0 | 5.0 | | |
| Weight, unladen, to DIN/EU | kg | 1350 / 1425 | 1420 / 1495 | | |
| , , | 9 | (1375 / 1450) | | | |
| Max. load to DIN | kg | 565 | 550 | | |
| Max. permissible weight | kg | 1915 (1940) | 1970 | | |
| Max. axle load, front/rear | kg | 900 / 1090 | 940 / 1090 | | |
| Max. trailer load, | kg | | | | |
| braked (12%)/unbraked | J | 1500 / 690 | 1500 / 710 | | |
| Max. roof load/max towbar | kg | 75 / 75 | 75 / 75 | | |
| download | | | | | |
| Luggage comp. capacity | ltr | 360 – 1200 | 360 – 1200 | | |
| Air resistance | C _d x A | 0.30 x 2.14 | 0.31 x 2.14 | | |
| Power Unit | | | | | |
| Config./No. of cyls./valves | | in-line / 4 / 4 | in-line / 4 / 4 | | |
| Engine technology | BN | MW TwinPower Turbo technology: turbocharge | | | |
| 3 | common rail direct injection with solenoid valve injectors, | | | | |
| | | max. injection pressure: 2,0 | • • | | |
| Effective capacity | cm ³ | 1995 | 1995 | | |
| Stroke/bore | mm | 90.0 / 84.0 | 90.0 / 84.0 | | |
| Compression ratio | :1 | 16.5 | 16.5 | | |
| Fuel | | diesel | diesel | | |
| Max. output | kW/hp | 110 / 150 | 110 / 150 | | |
| at | rpm | 4000 | 4000 | | |
| Max torque | Nm | 320 | 320 | | |
| at | rpm | 1500 – 3000 | 1500 – 3000 | | |
| Flactuical Contains | | | | | |
| Electrical System | A 1. / | 00.11 | 00.41 | | |
| Battery/installation | Ah/- | 90 / luggage comp. | 90 / luggage comp. | | |
| Alternator | A/W | 150 / 2100 | 150 / 2100 | | |
| Driving Dynamics and Safety | , | | | | |
| Suspension, front | | Aluminium double-joint spring | strut axle | | |
| Suspension, rear | | Five-link axle in lightweight steel construction v | | | |
| Brakes, front | | Single-piston floating-calliper d | | | |
| Brakes, rear | | Single-piston floating-calliper d | | | |
| Driving stability systems | | Standard: DSC incl. ABS, ASC and DTC (Dynar | | | |
| | (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, | | | | |
| | Fading Compensation, Start-Off Assistant; BMW 118d xDrive: linked to xDrive | | | | |
| | all-wheel-drive system in Integrated Chassis Management (ICM) | | | | |
| Safety equipment | Standard: airbags for driver and front passenger, side airbags for driver and front | | | | |
| 24.219 | passenger, head airbags front and rear, three-point inertia-reel seatbelts on all | | | | |
| | seats with belt tensioner and belt force limiter at the front, | | | | |
| | | crash sensors, Tyre Defect Ir | ndicator | | |
| Steering | | Electric Power Steering (E | EPS), | | |
| | | optional: Servotronic function, variable | <u> </u> | | |
| Steering ratio, overall | :1 | 15.0 | 15.1 | | |
| Tyres, front/rear | | 195/55 R16 87W | 205/55 R16 91V | | |
| Rims, front/rear | | 6.5J x 16 steel | 7J x 16 steel | | |

| | | | BMW 118d 3-door | BMW 118d xDrive 3-door |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Transmission | 1 | | | |
| Type of transm | nission | | 6-speed manual (optional: 8-speed | 6-speed manual |
| 71 | | | Steptronic transmission) | o opeca manaa |
| Gear ratios | | :1 | 4.002 (5.000) | 4.110 |
| | 1 | :1 | 2.130 (3.200) | 2.248 |
| | ill | :1 | 1.396 (2.143) | 1.403 |
| | IV | :1 | 1.000 (1.720) | 1.000 |
| | V | :1 | 0.781 (1.314) | 0.802 |
| | VI | :1 | 0.668 (1.000) | 0.659 |
| | VII | :1 | - (0.822) | - |
| | VIII | :1 | - (0.640) | _ |
| | R | :1 | 3.647 (3.456) | 3,727 |
| Final drive | 11 | :1 | 3.047 (3.430) | 3.154 |
| i iliai ulive | | | 3.077 (2.047) | 0.10- |
| Performance | | | | |
| Power-to-weig | <u>'</u> | kg/kW | 12.3 (12.5) | 12.9 |
| Output per litre | | kW/ltr | 55.1 | 55.1 |
| Acceleration | 0–100 km/h | S | 8.3 (8.1) | 8.4 |
| in 5th gear | 80–120 km/h | S | 9.2 (–) | 9.5 |
| Top speed | | km/h | 212 (212) | 210 |
| BMW Efficier BMW Efficient standard featur | Dynamics | | Brake Energy Regeneration wit lectric Power Steering (EPS), Auto Start Indicator, ECO PRO mode witings of accounting and accounting and accounting and accounting and accounting and accounting accounting accounting and accounting ac | Stop function, Optimum Gearshift function (automatic), intelligent |
| BMW Efficient | Dynamics | | lectric Power Steering (EPS), Auto Start | Stop function, Optimum Gearshift function (automatic), intelligent dynamic attributes, on-demand olled oil pump, detachable a/c rm-up behaviour, efficiency- and 18d xDrive), tyres with reduced |
| BMW Efficient standard featu | Dynamics res | | lectric Power Steering (EPS), Auto Start : Indicator, ECO PRO mode with coasting lightweight construction, optimised aero operation of ancillary units, map-contro compressor, final drive with optimised wa weight-optimised transfer case (BMW 1 | Stop function, Optimum Gearshift function (automatic), intelligent dynamic attributes, on-demand olled oil pump, detachable a/c rm-up behaviour, efficiency- and 18d xDrive), tyres with reduced |
| BMW Efficient standard featur featur Fuel Consum | Dynamics res aption EU ³⁾ | | lectric Power Steering (EPS), Auto Start : Indicator, ECO PRO mode with coasting lightweight construction, optimised aero operation of ancillary units, map-contro compressor, final drive with optimised wa weight-optimised transfer case (BMW 1 | Stop function, Optimum Gearshift function (automatic), intelligent dynamic attributes, on-demand olled oil pump, detachable a/c rm-up behaviour, efficiency- and 18d xDrive), tyres with reduced |
| BMW Efficient standard featur featur Fuel Consum With standard | Dynamics res aption EU ³⁾ tyres | C | lectric Power Steering (EPS), Auto Start : Indicator, ECO PRO mode with coasting lightweight construction, optimised aero operation of ancillary units, map-contri compressor, final drive with optimised wa weight-optimised transfer case (BMW 1 roll resistan | Stop function, Optimum Gearshift function (automatic), intelligent dynamic attributes, on-demand olled oil pump, detachable a/c rm-up behaviour, efficiency- and 18d xDrive), tyres with reduced ce |
| BMW Efficient standard featur Fuel Consum With standard Urban | Dynamics res aption EU ³⁾ tyres | tr/100 km | lectric Power Steering (EPS), Auto Start : Indicator, ECO PRO mode with coasting lightweight construction, optimised aero operation of ancillary units, map-contre compressor, final drive with optimised wa weight-optimised transfer case (BMW 1 roll resistan | Stop function, Optimum Gearshift function (automatic), intelligent dynamic attributes, on-demand olled oil pump, detachable a/c rm-up behaviour, efficiency- and 18d xDrive), tyres with reduced ice |
| BMW Efficienti standard featur Fuel Consum With standard Urban Extra-urban | Dynamics res aption EU ³⁾ tyres | tr/100 km tr/100 km | lectric Power Steering (EPS), Auto Start : Indicator, ECO PRO mode with coasting lightweight construction, optimised aero operation of ancillary units, map-contropompressor, final drive with optimised was weight-optimised transfer case (BMW 1 roll resistan 5.0 (4.7) 3.6 (3.6) | Stop function, Optimum Gearshift I function (automatic), intelligent dynamic attributes, on-demand olled oil pump, detachable a/c rm-up behaviour, efficiency- and 18d xDrive), tyres with reduced ice 5.1 3.8 |
| BMW Efficient standard featur Fuel Consum With standard Urban Extra-urban Combined | Dynamics res aption EU ³⁾ tyres | tr/100 km tr/100 km tr/100 km | lectric Power Steering (EPS), Auto Start Indicator, ECO PRO mode with coasting lightweight construction, optimised aero operation of ancillary units, map-contropompressor, final drive with optimised was weight-optimised transfer case (BMW 1 roll resistan 5.0 (4.7) 3.6 (3.6) 4.1 (4.0) | Stop function, Optimum Gearshift I function (automatic), intelligent dynamic attributes, on-demand olled oil pump, detachable a/c rm-up behaviour, efficiency- and 18d xDrive), tyres with reduced ice 5.1 3.8 4.3 |
| Fuel Consum With standard Urban Extra-urban Combined CO ₂ With rims 7J x with rims 7.5J with rims 7.5J | Dynamics res aption EU ³⁾ tyres 16 and tyres 205/5 x 17 and tyres 225/x x 17 front, 8J x 17 | tr/100 km tr/100 km tr/100 km g/km 5 R16 (BMW /45 R 17 as v rear and tyres | lectric Power Steering (EPS), Auto Start Indicator, ECO PRO mode with coasting lightweight construction, optimised aero operation of ancillary units, map-controppersor, final drive with optimised was weight-optimised transfer case (BMW 1 roll resistan 3.6 (3.6) 4.1 (4.0) 109 (105) 118d), with rims 7J x 17 and tyres 205/vell as winter tyres, s 225/45 R17 front, 245/40 R17 rear | Stop function, Optimum Gearshift I function (automatic), intelligent dynamic attributes, on-demand olled oil pump, detachable a/c rrm-up behaviour, efficiency- and 18d xDrive), tyres with reduced ice 5.1 3.8 4.3 113 50 R17, |
| Fuel Consum With standard Urban Extra-urban Combined CO2 With rims 7.J x with rims 7.5J with rims 7.5J Urban | Dynamics res aption EU ³⁾ tyres 16 and tyres 205/5 x 17 and tyres 225, x 17 front, 8J x 17 | tr/100 km tr/100 km tr/100 km g/km 5 R16 (BMW /45 R 17 as v rear and tyres tr/100 km | lectric Power Steering (EPS), Auto Start Indicator, ECO PRO mode with coasting lightweight construction, optimised aero operation of ancillary units, map-controppersor, final drive with optimised was weight-optimised transfer case (BMW 1 roll resistan start 1 roll resistan 1 roll resis | Stop function, Optimum Gearshift I function (automatic), intelligent dynamic attributes, on-demand olled oil pump, detachable a/c rrm-up behaviour, efficiency- and 18d xDrive), tyres with reduced ice 5.1 3.8 4.3 113 50 R17, |
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| Fuel Consum With standard Urban Extra-urban Combined CO2 With rims 7.5J with rims 7.5J Urban Extra-urban Conbined CO2 | Dynamics res aption EU ³⁾ tyres 16 and tyres 205/5 x 17 and tyres 225/x x 17 front, 8J x 17 | tr/100 km tr/100 km tr/100 km g/km 55 R16 (BMW 45 R 17 as v rear and tyres tr/100 km tr/100 km tr/100 km | lectric Power Steering (EPS), Auto Start Indicator, ECO PRO mode with coasting lightweight construction, optimised aero operation of ancillary units, map-contrompressor, final drive with optimised was weight-optimised transfer case (BMW 1 roll resistan 5.0 (4.7) 3.6 (3.6) 4.1 (4.0) 109 (105) / 118d), with rims 7J x 17 and tyres 205/ vell as winter tyres, s 225/45 R17 front, 245/40 R17 rear 4.8 (4.5) 3.5 (3.4) 4.0 (3.8) 104 (99) | Stop function, Optimum Gearshift I function (automatic), intelligent dynamic attributes, on-demand olled oil pump, detachable alc rm-up behaviour, efficiency- and 18d xDrive), tyres with reduced ice 5.1 3.8 4.3 113 50 R17, |
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Specifications apply to ACEA markets/data relevant to homologation apply in part only to Germany (weight) BMW 118d: figures in brackets apply to automatic transmission

 $^{^{1)}}$ Height with roof fin: 1440 mm $^{2)}$ Oil change $^{3)}$ Fuel consumption and CO $_2$ emission figures depend on the selected tyre format