BMW Media Information

09/2018 Page 1

Specifications. BMW 1 Series 5 Door Hatch. 116i.



| | | BMW 116i 5-door |
|----------------------------------|--------------------|---|
| Body | | |
| No. of doors/seats | | 5/5 |
| Length/width/height 1) (unladen) | mm | 4329 / 1765 / 1421 |
| Wheelbase | mm | 2690 |
| Track, front/rear | mm | 1535 / 1569 |
| Ground clearance | mm | 140 |
| Turning circle | m | 10.9 |
| Tank capacity | approx. ltr | 52 |
| Engine oil 2) | ltr | 4.25 |
| Weight, unladen, to DIN/EU | kg | 1305 / 1380 |
| Max. load to DIN | kg | 565 |
| Max. permissible weight | kg | 1870 |
| Max. axle load, front/rear | kg | 860 / 1090 |
| Max. trailer load, | kg | 00071030 |
| braked (12%)/unbraked | Ng | 1200 / 650 |
| Max. roof load/towbar download | kg | 75 / 75 |
| Luggage comp. capacity | ltr | 360 – 1200 |
| Air resistance | C _d x A | 0.31 x 2.14 |
| All resistance | Cd X A | U.ST X 2.14 |
| Engine | | |
| Config./No. of cyls./valves | | in-line / 3 / 4 |
| Engine technology | | BMW TwinPower Turbo technology: turbocharger, |
| | | High Precision Injection, VALVETRONIC fully variable valve timing, |
| | | Double-VANOS variable camshaft timing |
| Effective capacity | cm ³ | 1499 |
| Stroke/bore | mm | 94.6 / 82.0 |
| Compression ratio | :1 | 11.0 |
| Fuel | | min RON 91 |
| Output | kW/hp | 80 / 109 |
| at | rpm | 4250 |
| Torque | Nm | 180 |
| at | rpm | 1250 – 4250 |
| | · | |
| Electrical System | | |
| Battery/Installation | Ah/- | 90 / luggage comp. |
| Driving Dynamics and Safety | | |
| Suspension, front | | Aluminium double-joint spring strut axle |
| Suspension, rear | | Five-link axle in lightweight steel construction with double elastic bearing |
| Brakes, front | | Single-piston floating-calliper disc brakes |
| Brakes, rear | | Single-piston floating-calliper disc brakes |
| Driving stability systems | | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), |
| Briving stability systems | | CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying |
| | | function, fading compensation, start-off assistant |
| Safety equipment | | Standard: airbags for driver and front passenger, side airbags for driver and |
| | | front passenger, head airbags for front and rear seats, three-point inertia- |
| | | reel seatbelts on all seats with belt latch tensioner and belt force limiter at |
| | | the front seats, crash sensors, Tyre Pressure Indicator |
| Steering | | Electromechanical rack-and-pinion power steering (EPS); |
| 5 | | optional: Servotronic function, Variable Sport Steering |
| Steering ratio, overall | :1 | 15.0 |
| Tyres, front/rear | | 195/55 R16 87H |
| Rims, front/rear | | 6.5J x 16 steel |
| , 31101 001 | | 0.00 A 10 0.00. |

| Transmission Type of gearbox 6-speed manual Gear ratios 1 :1 4.552 :1 2.548 :1 1.659 | | | | |
|---|------------------|-----------------|------------|--|
| Sear ratios | | | | BMW 116i 5-door |
| Sear ratios | | | | |
| Sear ratios | | - | | C amount assessed |
| :1 2.548 | | OX . | | ' |
| III | Gear ratios | | | |
| IV :1 1.230 | | ** | | |
| V 1 1,000 | | *** | | |
| VI :1 0.830 R :1 4.138 Final drive :1 2.813 Performance Power-to-weight ratio (DIN) kg/kW 16.3 Output per litre kW/l 53.4 Acceleration 0–100 km/h s 10.9 Top speed km/h 195 BMW EfficientDynamics BMW EfficientDynamics Brake Energy Regeneration with recuperation display, EPS (Electric Powe Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode, BMW EfficientLightweight, optimised aerodynamic attributes, ondemand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance Fuel consumption EU cycle Urban Itr/100 km 7.5 – 7.1 Extra-urban Itr/100 km 5.3 – 4.9 Combined Itr/100 km 6.0 – 5.9 CO2 g/km 136 – 134 | | | :1 | 1.230 |
| R :1 4.138 Final drive :1 2.813 Performance Power-to-weight ratio (DIN) kg/kW 16.3 Output per litre kW/l 53.4 Acceleration 0–100 km/h s 10.9 Top speed km/h 195 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Standard features Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode, BMW EfficientLightweight, optimised aerodynamic attributes, ondemand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance Fuel consumption EU cycle Urban Itr/100 km 7.5 – 7.1 Extra-urban Itr/100 km 5.3 – 4.9 Combined Itr/100 km 6.0 – 5.9 CO2 g/km 136 – 134 | | V | :1 | 1.000 |
| Performance Power-to-weight ratio (DIN) kg/kW 16.3 Output per litre kW/l 53.4 Acceleration 0–100 km/h s 10.9 Top speed km/h 195 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Standard features Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode, BMW EfficientLightweight, optimised aerodynamic attributes, ondemand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance Fuel consumption EU cycle Urban Itr/100 km 7.5 – 7.1 Extra-urban Itr/100 km 5.3 – 4.9 Combined Itr/100 km 6.0 – 5.9 CO2 g/km 136 – 134 | | VI | :1 | 0.830 |
| Performance Power-to-weight ratio (DIN) kg/kW 16.3 Output per litre kW/l 53.4 Acceleration 0–100 km/h s 10.9 Top speed km/h 195 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Brake Energy Regeneration with recuperation display, EPS (Electric Powe Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode, BMW EfficientLightweight, optimised aerodynamic attributes, ondemand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance Fuel consumption EU cycle Urban Itr/100 km 7.5 – 7.1 Extra-urban Itr/100 km 5.3 – 4.9 Combined Itr/100 km 6.0 – 5.9 CO2 g/km 136 – 134 | | R | :1 | 4.138 |
| Power-to-weight ratio (DIN) kg/kW 16.3 Output per litre kW/l 53.4 Acceleration 0–100 km/h s 10.9 Top speed km/h 195 BMW EfficientDynamics BMW EfficientDynamics Brake Energy Regeneration with recuperation display, EPS (Electric Powe Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode, BMW EfficientLightweight, optimised aerodynamic attributes, ondemand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance Fuel consumption EU cycle Urban Itr/100 km 7.5 – 7.1 Extra-urban Itr/100 km 5.3 – 4.9 Combined Itr/100 km 6.0 – 5.9 GO ₂ g/km 136 – 134 | Final drive | | :1 | 2.813 |
| Output per litre kW/l 53.4 Acceleration 0–100 km/h s 10.9 Top speed km/h 195 BMW EfficientDynamics BMW EfficientDynamics Brake Energy Regeneration with recuperation display, EPS (Electric Powe Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode, BMW EfficientLightweight, optimised aerodynamic attributes, ondemand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance Fuel consumption EU cycle Urban Itr/100 km 7.5 – 7.1 Extra-urban Itr/100 km 5.3 – 4.9 Combined Itr/100 km 6.0 – 5.9 CO2 g/km 136 – 134 | Performance | | | |
| Acceleration 0–100 km/h s 10.9 Top speed km/h 195 BMW EfficientDynamics BMW EfficientDynamics Brake Energy Regeneration with recuperation display, EPS (Electric Powe Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode, BMW EfficientLightweight, optimised aerodynamic attributes, ondemand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance Fuel consumption EU cycle Urban Itr/100 km 7.5 – 7.1 Extra-urban Itr/100 km 5.3 – 4.9 Combined Itr/100 km 6.0 – 5.9 CO2 g/km 136 – 134 | Power-to-weig | ht ratio (DIN) | kg/kW | 16.3 |
| Acceleration 0–100 km/h s 10.9 Top speed km/h 195 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Brake Energy Regeneration with recuperation display, EPS (Electric Powe Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode, BMW EfficientLightweight, optimised aerodynamic attributes, ondemand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance Fuel consumption EU cycle Urban Itr/100 km 7.5 – 7.1 Extra-urban Itr/100 km 5.3 – 4.9 Combined Itr/100 km 6.0 – 5.9 CO2 g/km 136 – 134 | Output per litre |) | kW/l | 53.4 |
| BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Standard features Brake Energy Regeneration with recuperation display, EPS (Electric Powe Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode, BMW EfficientLightweight, optimised aerodynamic attributes, ondemand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance Fuel consumption EU cycle Urban Itr/100 km 7.5 – 7.1 Extra-urban Itr/100 km 5.3 – 4.9 Combined Itr/100 km 6.0 – 5.9 CO2 g/km 136 – 134 | Acceleration | 0-100 km/h | s | 10.9 |
| BMW EfficientDynamics standard features Brake Energy Regeneration with recuperation display, EPS (Electric Powe Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode, BMW EfficientLightweight, optimised aerodynamic attributes, ondemand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance Fuel consumption EU cycle Urban Itr/100 km 7.5 – 7.1 Extra-urban Itr/100 km 5.3 – 4.9 Combined Itr/100 km 6.0 – 5.9 CO2 g/km 136 – 134 | Top speed | | km/h | 195 |
| Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode, BMW EfficientLightweight, optimised aerodynamic attributes, ondemand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance Fuel consumption EU cycle | BMW Efficien | ntDynamics | | |
| mode, BMW EfficientLightweight, optimised aerodynamic attributes, ondemand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance Fuel consumption EU cycle Urban Itr/100 km 7.5 – 7.1 Extra-urban Itr/100 km 5.3 – 4.9 Combined Itr/100 km 6.0 – 5.9 CO2 g/km 136 – 134 | BMW EfficientI | Dynamics | | Brake Energy Regeneration with recuperation display, EPS (Electric Power |
| Urban Itr/100 km 7.5 - 7.1 Extra-urban Itr/100 km 5.3 - 4.9 Combined Itr/100 km 6.0 - 5.9 CO2 g/km 136 - 134 | standard featur | res | | Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode, BMW EfficientLightweight, optimised aerodynamic attributes, ondemand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, differential with optimized-warm-up behaviour, tyres with |
| Urban Itr/100 km 7.5 - 7.1 Extra-urban Itr/100 km 5.3 - 4.9 Combined Itr/100 km 6.0 - 5.9 CO2 g/km 136 - 134 | Fuel concum | ntion Ell avalo | | |
| Extra-urban Itr/100 km 5.3 - 4.9 Combined Itr/100 km 6.0 - 5.9 CO2 g/km 136 - 134 | | puon EU cycle | ltr/100 km | 75_71 |
| Combined Itr/100 km 6.0 - 5.9 CO2 g/km 136 - 134 | | | | 114 111 |
| CO ₂ g/km 136 – 134 | | | | |
| 9 | CO2 | | | |
| | | 1 | gritii | |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

¹⁾ Height with roof aerial: 1440 mm ²⁾ Oil change volume

BMW 1 Series 5 Door Hatch. 118i.

| 09/2018 |
|---------|
| Page 3 |

| | | BMW 118i 5-door | | |
|----------------------------------|---|---|--|--|
| | | DIVIVY 1 101 3-UOUT | | |
| Body | | | | |
| No. of doors/seats | | 5/5 | | |
| Length/width/height 1) (unladen) | mm | 4329 / 1765 / 1421 | | |
| Wheelbase | mm | 2690 | | |
| Track, front/rear | mm | 1535 / 1569 | | |
| Ground clearance | mm | 140 | | |
| Turning circle | m | 10.9 | | |
| Tank capacity | approx. ltr | 52 | | |
| Engine oil 2) | ltr | 4.25 | | |
| Weight, unladen, to DIN/EU | kg | 1305 / 1380 | | |
| | | (1320 / 1395) | | |
| Max. load to DIN | kg | 565 (580) | | |
| Max. permissible weight | kg | 1870 (1900) | | |
| Max. axle load, front/rear | kg | 865 (895) / 1090 | | |
| Max. trailer load, | kg | | | |
| braked (12%)/unbraked | | 1300 / 650 | | |
| Max. roof load/towbar download | kg | 75 / 75 | | |
| Luggage comp. capacity | ltr | 360 – 1200 | | |
| Air resistance | c _d x A | 0.31 x 2.14 | | |
| Engine | | | | |
| Config./No. of cyls./valves | | in-line / 3 / 4 | | |
| Engine technology | | BMW TwinPower Turbo technology: turbocharger, | | |
| Engine technology | | High Precision Injection, VALVETRONIC fully variable valve timing, | | |
| | | Double-VANOS variable camshaft timing | | |
| Effective capacity | cm ³ | 1499 | | |
| Stroke/bore | mm | 94.6 / 82.0 | | |
| Compression ratio | :1 | 11.0 | | |
| Fuel | | min RON 91 | | |
| Output | kW/hp | 100 / 136 | | |
| at | rpm | 4400 | | |
| Torque | Nm | 220 | | |
| at | rpm | 1250 – 4300 | | |
| | .,,,,,, | 1200 1000 | | |
| Electrical System | | | | |
| Battery/Installation | Ah/- | 90 / luggage comp. | | |
| Driving Dynamics and Safety | | | | |
| Suspension, front | | Aluminium double-joint spring strut axle | | |
| Suspension, rear | | Five-link axle in lightweight steel construction with double elastic bearing | | |
| Brakes, front | | Single-piston floating-calliper disc brakes | | |
| Brakes, rear | | Single-piston floating-calliper disc brakes | | |
| Driving stability systems | | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), | | |
| Driving stability systems | CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying | | | |
| | | function, fading compensation, start-off assistant | | |
| Safety equipment | Standard: airbags for driver and front passenger, side airbags for driver and | | | |
| 9 - 4-1 | front passenger, head airbags for front and rear seats, three-point inertia- | | | |
| | | reel seatbelts on all seats with belt latch tensioner and belt force limiter at | | |
| | | the front seats, crash sensors, Tyre Pressure Indicator | | |
| Steering | | Electromechanical rack-and-pinion power steering (EPS); | | |
| <u>-</u> | | optional: Servotronic function, Variable Sport Steering | | |
| Steering ratio, overall | :1 | 15.0 | | |
| Tyres, front/rear | | 195/55 R16 87H | | |
| Rims, front/rear | | 6.5J x 16 steel | | |
| | | | | |

| | | BMW 118i 5-door |
|-----------------------------|------------|---|
| Transmission | | |
| Type of gearbox | | 6-speed manual (8-speed Steptronic) |
| Gear ratios | I :1 | 4.552 (4.714) |
| | II :1 | 2.548 (3.143) |
| | III :1 | 1.659 (2.106) |
| | IV :1 | 1.230 (1.667) |
| | V :1 | 1.000 (1.285) |
| | VI :1 | 0.830 (1.000) |
| | VII :1 | - (0.839) |
| | VIII :1 | - (0.667) |
| | R :1 | 4.138 (3.295) |
| Final drive | :1 | 2.813 (3.077) |
| | | |
| Performance | | |
| Power-to-weight ratio (DIN) | kg/kW | 13.1 (13.2) |
| Output per litre | kW/l | 66.7 |
| Acceleration 0-100 km | /h s | 8.5 (8.7) |
| Top speed | km/h | 210 (210) |
| BMW EfficientDynamics | | |
| BMW EfficientDvnamics | | Brake Energy Regeneration with recuperation display, EPS (Electric Power |
| standard features | | Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO |
| otaliaa a roataloo | | mode with coasting function (automatic), BMW EfficientLightweight, |
| | | optimised aerodynamic attributes, on-demand operation of ancillary units, |
| | | map-controlled oil pump, detachable a/c compressor, differential with |
| | | optimized-warm-up behaviour, tyres with reduced rolling resistance |
| | | |
| Fuel consumption EU cy | cle | |
| <u>Urban</u> | ltr/100 km | 7.4 – 7.4 (7.2 – 6.8) |
| Extra-urban | ltr/100 km | 5.5 – 5.0 (5.2 – 4.9) |
| Combined | ltr/100 km | 6.2 – 5.9 (5.9 – 5.6) |
| CO ₂ | g/km | 140 – 134 (135 – 128) |
| Emission rating | | EU6d-TEMP |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight) Figures in brackets are for vehicles with automatic transmission

¹⁾ Height with roof aerial: 1440 mm ²⁾ Oil change volume

BMW 1 Series 5 Door Hatch. 120i.

| 09/2018 Page 5 | l | _ |
|-------------------|---|---|
| | | |
| | | |

| | | BMW 120i 5-door |
|----------------------------------|--------------------|---|
| Body | | |
| No. of doors/seats | | 5/5 |
| Length/width/height 1) (unladen) | mm | 4329 / 1765 / 1421 |
| Wheelbase | mm | 2690 |
| Track, front/rear | mm | 1535 / 1569 |
| Ground clearance | mm | 140 |
| Turning circle | m | 10.9 |
| Tank capacity | approx. ltr | 52 |
| Engine oil 2) | ltr | 5.25 |
| Weight, unladen, to DIN/EU | | 1380 / 1455 |
| Max. load to DIN | kg | 565 |
| | kg | |
| Max. permissible weight | kg | 1945 |
| Max. axle load, front/rear | kg | 930 / 1090 |
| Max. trailer load, | kg | 4500 / 670 |
| braked (12%)/unbraked | | 1500 / 670 |
| Max. roof load/towbar download | kg | 75/75 |
| Luggage comp. capacity | ltr | 360 – 1200 |
| Air resistance | c _d x A | 0.31 x 2.14 |
| Engine | | |
| Config./No. of cyls./valves | | in-line / 4 / 4 |
| Engine technology | | BMW TwinPower Turbo technology: twin scroll turbocharger, |
| 3 | | High Precision Injection, VALVETRONIC fully variable valve timing, |
| | | Double-VANOS variable camshaft timing |
| Effective capacity | cm ³ | 1998 |
| Stroke/bore | mm | 94.6 / 82.0 |
| Compression ratio | :1 | 11.0 |
| Fuel | | min RON 91 |
| Output | kW/hp | 135 / 184 |
| at | rpm | 5000 |
| Torque | Nm | 270 |
| at | rpm | 1350 – 4600 |
| <u>at</u> | тріп | 1000 4000 |
| Electrical System | | |
| Battery/Installation | Ah/– | 80 / luggage comp. |
| Driving Dynamics and Safety | | |
| Suspension, front | | Aluminium double-joint spring strut axle |
| Suspension, rear | | Five-link axle in lightweight steel construction with double elastic bearing |
| Brakes, front | | Single-piston floating-calliper disc brakes |
| Brakes, rear | | Single-piston floating-calliper disc brakes |
| Driving stability systems | | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), |
| Briving stability systems | | CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying |
| | | function, fading compensation, start-off assistant |
| Safety equipment | | Standard: airbags for driver and front passenger, side airbags for driver and |
| | | front passenger, head airbags for front and rear seats, three-point inertia- |
| | | reel seatbelts on all seats with belt latch tensioner and belt force limiter at |
| | | the front seats, crash sensors, Tyre Pressure Indicator |
| Steering | | Electromechanical rack-and-pinion power steering (EPS); |
| | | optional: Servotronic function, Variable Sport Steering |
| Steering ratio, overall | :1 | 15.0 |
| Tyres, front/rear | .1 | 195/55 R16 87W |
| Rims, front/rear | | 6.5J x 16 steel |
| TAITIS, HUHUTEAI | | 0.33 x 10 Steet |

| | | BMW 120i 5-door | |
|-----------------------------|-------|--------------------|--|
| Transmission | | | |
| Type of gearbox | | 8-speed Steptronic | |
| Gear ratios I | :1 | 5.000 | |
| II | :1 | 3.200 | |
| III | :1 | 2.143 | |
| IV | :1 | 1.720 | |
| V | :1 | 1.314 | |
| VI | :1 | 1.000 | |
| VII | :1 | 0.822 | |
| VIII | :1 | 0.640 | |
| R | :1 | 3.456 | |
| Final drive | :1 | 2.813 | |
| Performance | | | |
| Power-to-weight ratio (DIN) | kg/kW | 10.2 | |
| Output per litre | kW/l | 67.6 | |
| Acceleration 0–100 km/h | S | 7.1 | |
| Top speed | km/h | 225 | |

BMW EfficientDynamics

BMW EfficientDynamics standard features

Brake Energy Regeneration with recuperation display, EPS (Electric Power Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, mapcontrolled oil pump, detachable a/c compressor, differential with optimizedwarm-up behaviour, tyres with reduced rolling resistance

| Fuel consumption El | J cycle | | |
|---------------------|------------|-----------|--|
| Urban | ltr/100 km | 7.3 – 7.2 | |
| Extra-urban | ltr/100 km | 5.5 – 5.1 | |
| Combined | ltr/100 km | 6.1 – 5.9 | |
| CO ₂ | g/km | 139 – 134 | |
| Emission rating | | EU6d-TEMP | |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

¹⁾ Height with roof aerial: 1440 mm ²⁾ Oil change volume

BMW 1 Series 5 Door Hatch. 125i.

| 09/2018 Page 7 | |
|-------------------|--|
| | |

| | | DANIA CONT. T. I. | |
|----------------------------------|---|---|--|
| | | BMW 125i 5-door | |
| Body | | | |
| No. of doors/seats | | 5/5 | |
| Length/width/height 1) (unladen) | mm | 4329 / 1765 / 1421 | |
| Wheelbase | mm | 2690 | |
| Track, front/rear | mm | 1521 / 1569 | |
| Ground clearance | mm | 140 | |
| Turning circle | m | 10.9 | |
| Tank capacity | approx. ltr | 52 | |
| Engine oil 2) | ltr | 5.25 | |
| Weight, unladen, to DIN/EU | kg | 1400 / 1475 | |
| Max. load to DIN | kg | 565 | |
| Max. permissible weight | kg | 1965 | |
| Max. axle load, front/rear | kg | 935 / 1100 | |
| Max. trailer load, | kg | | |
| braked (12%)/unbraked | 9 | 1500 / 680 | |
| Max. roof load/towbar download | kg | 75/75 | |
| Luggage comp. capacity | ltr | 360 – 1200 | |
| Air resistance | Cd X A | 0.32 x 2.14 | |
| | | | |
| Engine | | | |
| Config./No. of cyls./valves | | in-line / 4 / 4 | |
| Engine technology | | BMW TwinPower Turbo technology: twin scroll turbocharger, | |
| | | High Precision Injection, VALVETRONIC fully variable valve timing, | |
| | | Double-VANOS variable camshaft timing | |
| Effective capacity | cm ³ | 1998 | |
| Stroke/bore | mm | 94.6 / 82.0 | |
| Compression ratio | :1 | 10.2 | |
| Fuel | | min RON 91 | |
| Output | kW/hp | 165 / 224 | |
| at | rpm | 5200 - 6500 | |
| Torque | Nm | 310 | |
| at | rpm | 1400 – 5000 | |
| | | | |
| Electrical System | | | |
| Battery/Installation | Ah/- | 80 / luggage comp. | |
| Driving Dynamics and Safativ | | | |
| Driving Dynamics and Safety | | Alumainium double inint apring atrut aula | |
| Suspension, front | | Aluminium double-joint spring strut axle | |
| Suspension, rear | | Five-link axle in lightweight steel construction with double elastic bearing Single-piston floating-calliper disc brakes | |
| Brakes, front | | Single-pistor floating-calliper disc brakes Single-piston floating-calliper disc brakes | |
| Brakes, rear | | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), | |
| Driving stability systems | | , | |
| | | CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying | |
| Safety equipment | | function, fading compensation, start-off assistant | |
| Safety equipment | Standard: airbags for driver and front passenger, side airbags for driver and | | |
| | | front passenger, head airbags for front and rear seats, three-point inertia- reel seatbelts on all seats with belt latch tensioner and belt force limiter at | |
| | | the front seats, crash sensors, Tyre Pressure Indicator | |
| Steering | | Electromechanical rack-and-pinion power steering (EPS); | |
| Oteoning | | optional: Servotronic function, Variable Sport Steering | |
| Steering ratio, overall | :1 | 15.0 | |
| Tyres, front/rear | | 205/50 R17 89Y | |
| Rims, front/rear | | 7J x 17 light-alloy | |
| Tarrio, nontrodi | | 70 x 17 light alloy | |

| | | BMW 125i 5-door | |
|-----------------------------|-------------|--------------------|--|
| Transmission | | | |
| Type of gearbox | | 8-speed Steptronic | |
| Gear ratios I | :1 | 5.000 | |
| ĺ | l :1 | 3.200 | |
| II | l :1 | 2.143 | |
| 1\ | <i>'</i> :1 | 1.720 | |
| \ | / :1 | 1.314 | |
| V | l :1 | 1.000 | |
| VI | l :1 | 0.822 | |
| VII | l :1 | 0.640 | |
| F | ? :1 | 3.456 | |
| Final drive | :1 | 2.813 | |
| Performance | | | |
| Power-to-weight ratio (DIN) | kg/kW | 8.5 | |
| Output per litre | kW/l | 82.6 | |
| Acceleration 0-100 km/h | S | 6.1 | |
| Top speed | km/h | 243 | |

BMW EfficientDynamics

BMW EfficientDynamics standard features

Brake Energy Regeneration with recuperation display, EPS (Electric Power Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, mapcontrolled oil pump, detachable a/c compressor, differential with optimizedwarm-up behaviour, tyres with reduced rolling resistance

| Fuel consumption El | J cycle | | |
|---------------------|------------|-----------|--|
| Urban | ltr/100 km | 7.4 – 7.4 | |
| Extra-urban | ltr/100 km | 5.7 – 5.4 | |
| Combined | ltr/100 km | 6.3 – 6.2 | |
| CO ₂ | g/km | 144 – 140 | |
| Emission rating | | EU6d-TEMP | |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

¹⁾ Height with roof aerial: 1440 mm ²⁾ Oil change volume

BMW 1 Series 5 Door Hatch. M140i.

| | | BMW M140i 5-door |
|--|--------------------|---|
| Body | | |
| No. of doors/seats | | 5/5 |
| Length/width/height 1) (unladen) | mm | 4324 / 1765 / 1411 |
| Wheelbase | mm | 2690 |
| Track, front/rear | mm | 1516 / 1534 |
| Ground clearance | mm | 130 |
| Turning circle | m | 10.9 |
| Tank capacity | approx. Itr | 52 |
| Engine oil 2) | ltr | 6.5 |
| Weight, unladen, to DIN/EU | kg | 1475 / 1550 |
| Max. load to DIN | kg | 565 |
| Max. permissible weight | kg | 2040 |
| Max. axle load, front/rear | kg | 970 / 1120 |
| Max. trailer load, | kg | |
| braked (12%)/unbraked | J | -/- |
| Max. roof load/towbar download | kg | 75 / – |
| Luggage comp. capacity | ltr | 360 – 1200 |
| Air resistance | c _d x A | 0.34 x 2.14 |
| Engine | | |
| Engine Config./No. of cyls./valves | | in-line / 6 / 4 |
| Engine technology | | BMW TwinPower Turbo technology: twin scroll turbocharger, |
| Engine teerinology | | High Precision Injection, VALVETRONIC fully variable valve timing, |
| | | Double-VANOS variable camshaft timing |
| Effective capacity | cm ³ | 2998 |
| Stroke/bore | mm | 94.6 / 82.0 |
| Compression ratio | :1 | 11.0 |
| Fuel | • | min RON 91 |
| Output | kW/hp | 250 / 340 |
| at | rpm | 5500 |
| Torque | Nm | 500 |
| at | rpm | 1520 – 4500 |
| Electrical System | | |
| Electrical System Battery/Installation | Ah/- | 80 / luggage comp. |
| | | |
| Driving Dynamics and Safety | | |
| Suspension, front | | Aluminium double-joint spring strut axle with M-specific elastokinematics |
| Suspension, rear | | Five-link axle in lightweight steel construction with double elastic bearing |
| Brakes, front | | Four-piston fixed-calliper disc brakes |
| Brakes, rear | | Two-piston fixed-calliper disc brakes |
| Driving stability systems | | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), |
| | | CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying |
| | | function, fading compensation, start-off assistant |
| Safety equipment | ; | Standard: airbags for driver and front passenger, side airbags for driver and |
| | | front passenger, head airbags for front and rear seats, three-point inertia- |
| | | reel seatbelts on all seats with belt latch tensioner and belt force limiter at |
| | | the front seats, crash sensors, Tyre Pressure Indicator |
| Steering | | Electromechanical rack-and-pinion power steering (EPS); Variable Sport Steering |
| Steering ratio, overall | :1 | 14.5 |
| Tyres, front/rear | | 225/40 R18 88Y/ |
| | | 245/35 R 18 92Y XL |
| Rims, front/rear | | 7.5J x 18 light-alloy/ |
| | | 8J x 18 light-alloy |

| BMW M140i 5-door |
|--------------------|
| |
| 8-speed Steptronic |
| 5.000 |
| 3.200 |
| 2.143 |
| 1.720 |
| 1.314 |
| 1.000 |
| 0.822 |
| 0.640 |
| 3.456 |
| 2.813 |
| |
| 5.9 |
| 83.4 |
| 4.6 |
| 250 |
| |

BMW EfficientDynamics

BMW EfficientDynamics standard features

Brake Energy Regeneration with recuperation display, EPS (Electric Power Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, mapcontrolled oil pump, detachable a/c compressor, differential with optimizedwarm-up behaviour

| Fuel consumption EU | l cycle | | |
|---------------------|------------|-----------|--|
| Urban | ltr/100 km | 9.5 – 9.3 | |
| Extra-urban | ltr/100 km | 6.2 – 6.2 | |
| Combined | ltr/100 km | 7.4 – 7.4 | |
| CO ₂ | g/km | 169 – 168 | |
| Emission rating | | EU6d-TEMP | |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

¹⁾ Height with roof aerial: 1440 mm ²⁾ Oil change volume

09/2018 Page 11

BMW 1 Series 5 Door Hatch. M140i xDrive.

| | | BMW M140i xDrive 5-door |
|------------------------------------|--------------------|--|
| Body | | |
| No. of doors/seats | | 5/5 |
| Length/width/height 1) (unladen) | mm | 4324 / 1765 / 1411 |
| Wheelbase | mm | 2690 |
| Track, front/rear | mm | 1516 / 1534 |
| Ground clearance | mm | 130 |
| Turning circle | m | 11.3 |
| Tank capacity | approx. ltr | 52 |
| Engine oil 2) | ltr | 6.5 |
| Weight, unladen, to DIN/EU | kg | 1540 / 1615 |
| Max. load to DIN | kg | 550 |
| Max. permissible weight | kg | 2090 |
| Max. axle load, front/rear | kg | 1040 / 1120 |
| Max. trailer load, | kg | |
| braked (12%)/unbraked | | - / - |
| Max. roof load/towbar download | kg | 75 / – |
| Luggage comp. capacity | ltr | 360 – 1200 |
| Air resistance | c _d x A | 0.35 x 2.14 |
| Engino | | |
| Engine Config./No. of cyls./valves | | in-line / 6 / 4 |
| Engine technology | | BMW TwinPower Turbo technology: twin scroll turbocharger, |
| Engine technology | | High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing |
| Effective capacity | cm ³ | 2998 |
| Stroke/bore | mm | 94.6 / 82.0 |
| Compression ratio | :1 | 11.0 |
| Fuel | | min RON 91 |
| Output | kW/hp | 250 / 340 |
| at | rpm | 5500 |
| Torque | Nm | 500 |
| at | rpm | 1520 – 4500 |
| | ' | |
| Electrical System | | |
| Battery/Installation | Ah/- | 80 / luggage comp. |
| Driving Dynamics and Safety | | |
| Suspension, front | | Aluminium double-joint spring strut axle with M-specific elastokinematics |
| Suspension, rear | | Five-link axle in lightweight steel construction with double elastic bearing |
| Brakes, front | | Four-piston fixed-calliper disc brakes |
| Brakes, rear | | Two-piston fixed-calliper disc brakes |
| Driving stability systems | | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), |
| | | CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying |
| | fı | unction, fading compensation, start-off assistant, networked with xDrive all- |
| | | wheel-drive system |
| Safety equipment | Ş | Standard: airbags for driver and front passenger, side airbags for driver and |
| | | front passenger, head airbags for front and rear seats, three-point inertia- |
| | | reel seatbelts on all seats with belt latch tensioner and belt force limiter at |
| | | the front seats, crash sensors, Tyre Pressure Indicator |
| Steering | | Electromechanical rack-and-pinion power steering (EPS); |
| Steering ratio, overall | :1 | Variable Sport Steering 14.5 |
| Tyres, front/rear | | 225/40 R18 88Y/ |
| | | 245/35 R 18 92Y XL |
| Rims, front/rear | | 7.5J x 18 light-alloy/ |
| | | 8J x 18 light-alloy |
| | | |

| | | BMW M140i xDrive 5-door |
|--|-------------|---|
| Transmission | | |
| Type of gearbox | | 8-speed Steptronic |
| Gear ratios I | :1 | 5,000 |
| ll l | :1 | 3.200 |
| III | :1 | 2.143 |
| IV | :1 | 1.720 |
| V | :1 | 1.314 |
| VI | :1 | 1.000 |
| VII | :1 | 0.822 |
| VIII | :1 | 0.640 |
| R | :1 | 3.456 |
| Final drive | :1 | 2.813 |
| D. (| | |
| Performance | 1/1.\ \ \ / | 6,2 |
| Power-to-weight ratio (DIN) | kg/kW | <u> </u> |
| Output per litre | kW/l | 83.4 |
| Acceleration 0–100 km/h | S | 4.4 |
| Top speed | km/h | 250 |
| BMW EfficientDynamics | | |
| BMW EfficientDynamics standard features | E | Brake Energy Regeneration with recuperation display, EPS (Electric Power Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, mapcontrolled oil pump, detachable a/c compressor, differential and power divider with optimized-warm-up behavior |

10.1 – 9.9

6.8 – 6.7

8.0 – 7.9 183 – 180

EU6d-TEMP

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

ltr/100 km

ltr/100 km

Itr/100 km

g/km

Emission rating

Urban

CO₂

Extra-urban

Combined

¹⁾ Height with roof aerial: 1440 mm ²⁾ Oil change volume

BMW 1 Series 5 Door Hatch. 116d.

| 09/2018 | |
|---------|--|
| Page 13 | |

| | | BMW 116d 5-door |
|----------------------------------|--------------------|---|
| | | DIVIVE 1100 3-0001 |
| Body | | |
| No. of doors/seats | | 5/5 |
| Length/width/height 1) (unladen) | mm | 4329 / 1765 / 1421 |
| Wheelbase | mm | 2690 |
| Track, front/rear | mm | 1521 / 1556 |
| Ground clearance | mm | 140 |
| Turning circle | m | 10.9 |
| Tank capacity | approx. Itr | 52 |
| Engine oil 2) | ltr | 4.8 |
| Weight, unladen, to DIN/EU | kg | 1365 / 1440 |
| | _ | (1395 / 1470) |
| Max. load to DIN | kg | 565 |
| Max. permissible weight | kg | 1930 (1960) |
| Max. axle load, front/rear | kg | 890 / 1120 |
| Max. trailer load, | kg | |
| braked (12%)/unbraked | _ | 1500 / 690 |
| Max. roof load/towbar download | kg | 75 / 75 |
| Luggage comp. capacity | ltr | 360 – 1200 |
| Air resistance | c _d x A | 0.30 x 2.14 |
| | | |
| Engine | | |
| Config./No. of cyls./valves | | in-line / 3 / 4 |
| Engine technology | | BMW TwinPower Turbo technology: turbocharger with variable inlet |
| 3 | | geometry, common rail direct fuel injection with solenoid injectors |
| Effective capacity | cm ³ | 1496 |
| Stroke/bore | mm | 90.0 / 84.0 |
| Compression ratio | :1 | 16.5 |
| Fuel | | Diesel |
| Output | kW/hp | 85 / 116 |
| at | rpm | 4000 |
| Torque | Nm | 270 |
| at | rpm | 1750 – 2250 |
| | | |
| Electrical System | | |
| Battery/Installation | Ah/- | 80 / luggage comp. |
| | | |
| Driving Dynamics and Safety | | |
| Suspension, front | | Aluminium double-joint spring strut axle |
| Suspension, rear | | Five-link axle in lightweight steel construction with double elastic bearing |
| Brakes, front | | Single-piston floating-calliper disc brakes |
| Brakes, rear | | Single-piston floating-calliper disc brakes |
| Driving stability systems | | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), |
| | | CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying |
| | | function, fading compensation, start-off assistant |
| Safety equipment | | Standard: airbags for driver and front passenger, side airbags for driver and |
| | | front passenger, head airbags for front and rear seats, three-point inertia- |
| | | reel seatbelts on all seats with belt latch tensioner and belt force limiter at |
| | | the front seats, crash sensors, Tyre Pressure Indicator |
| Steering | | Electromechanical rack-and-pinion power steering (EPS); |
| | | optional: Servotronic function, Variable Sport Steering |
| Steering ratio, overall | :1 | 15.0 |
| Tyres, front/rear | | 205/55 R16 91V |
| Rims, front/rear | | 7J x 16 steel |

| | | | DIRWAAA LE L |
|---|---------------|--------------------------|--|
| | | | BMW 116d 5-door |
| Transmission | | | |
| Type of gearbox | , | | 6-speed manual (8-speed Steptronic) |
| Gear ratios | 1 | :1 | 4.002 (4.714) |
| Geal Tallos | <u>'</u> | :1 | 2.108 (3.143) |
| | <u>"</u> | :1 | 1.380 (2.106) |
| | IV | :1 | 1.000 (2.100) |
| | V | :1 | 0.780 (1.285) |
| | V | :1 | 0.603 (1.000) |
| | VII | <u></u> 1: | , , |
| | VIII | :1 | - (0.839) (0.667) |
| | | | - (0.667) |
| | R | :1 | 3.647 (3.295) |
| Final drive | | :1 | 3.077 (2.647) |
| Performance | | | |
| Power-to-weigh | t ratio (DIN) | kg/kW | 16.1 (16.4) |
| Output per litre | | kW/l | 56.8 |
| Acceleration | 0-100 km/h | S | 10.5 (10.5) |
| Top speed | | km/h | 200 (200) |
| DMM/F#:-: | ·D | | |
| BMW Efficient | | | Dula Face December 11 and 12 and 15 a |
| BMW EfficientDynamics standard features | | | Brake Energy Regeneration with recuperation display, EPS (Electric Power Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO |
| | | | mode with coasting function (automatic), BMW EfficientLightweight, |
| | | | optimised aerodynamic attributes, on-demand operation of ancillary units, |
| | | | map-controlled oil pump, detachable a/c compressor, differential with |
| | | | optimized-warm-up behavior, tyres with reduced rolling resistance, |
| | | | BMW Blue Performance technology including SCR catalytic converter |
| | | | |
| Fuel consump | tion EU cycle | 11./1001 | 40, 40 (50, 50) |
| <u>Urban</u> | | ltr/100 km | 4.9 – 4.8 (5.0 – 5.0) |
| Extra-urban | | Itr/100 km Itr/100 km | 4.0 – 3.9 (4.2 – 4.1) |
| Combined CO ₂ | | a/km | 4.3 – 4.2 (4.5 – 4.4) 114 – 111 (118 – 116) |
| Emission rating | | g/km | EU6c |
| LITHSSIULTIAULIG | | | EUUC |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight) Figures in brackets are for vehicles with automatic transmission

¹⁾ Height with roof aerial: 1440 mm ²⁾ Oil change volume

09/2018 Page 15

BMW 1 Series 5 Door Hatch. 118d.

| | | BMW 118d 5-door |
|----------------------------------|--------------------|--|
| Body | | |
| No. of doors/seats | | 5/5 |
| Length/width/height 1) (unladen) | mm | 4329 / 1765 / 1421 |
| Wheelbase | mm | 2690 |
| Track, front/rear | mm | 1521 / 1556 |
| Ground clearance | mm | 140 |
| Turning circle | m | 10.9 |
| Tank capacity | approx. ltr | 52 |
| Engine oil 2) | Itr | 5.2 |
| Weight, unladen, to DIN/EU | kg | 1395 / 1470 |
| Weight, dilladen, to blivico | Ng | (1420 / 1495) |
| Max. load to DIN | kg | 565 |
| Max. permissible weight | kg | 1960 (1985) |
| Max. axle load, front/rear | kg | 910 / 1120 |
| Max. trailer load. | | 91071120 |
| braked (12%)/unbraked | kg | 1500 / 690 |
| Max. roof load/towbar download | l.a | 75 / 75 |
| | kg | 360 – 1200 |
| Luggage comp. capacity | ltr | |
| Air resistance | c _d x A | 0.30 x 2.14 |
| Engine | | |
| Config./No. of cyls./valves | | in-line / 4 / 4 |
| Engine technology | | BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common rail direct fuel injection with solenoid injectors |
| Effective consoity | cm ³ | geometry, common rail direct rue injection with solenoid injectors 1995 |
| Effective capacity | | 90.0 / 84.0 |
| Stroke/bore | mm :1 | 16.5 |
| Compression ratio | :1 | 1919 |
| Fuel | kW/hp | |
| Output | | |
| at | rpm | 4000 |
| Torque | Nm | 320 |
| at | rpm | 1500 – 3000 |
| Electrical System | | |
| Battery/Installation | Ah/– | 80 / luggage comp. |
| Driving Dynamics and Safety | | |
| Suspension, front | | Aluminium double-joint spring strut axle |
| Suspension, rear | | Five-link axle in lightweight steel construction with double elastic bearing |
| Brakes, front | | Single-piston floating-calliper disc brakes |
| Brakes, rear | | Single-piston floating-calliper disc brakes |
| Driving stability systems | | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), |
| Driving stability systems | | CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying |
| | | function, fading compensation, start-off assistant |
| Safety equipment | | Standard: airbags for driver and front passenger, side airbags for driver and |
| curety equipment | | front passenger, head airbags for front and rear seats, three-point inertia- |
| | | reel seatbelts on all seats with belt latch tensioner and belt force limiter at |
| | | the front seats, crash sensors, Tyre Pressure Indicator |
| Steering | | Electromechanical rack-and-pinion power steering (EPS); |
| Clocking | | optional: Servotronic function, Variable Sport Steering |
| Steering ratio, overall | :1 | 15.0 |
| Tyres, front/rear | .1 | 205/55 R16 91V |
| Rims, front/rear | | 7J x 16 steel |
| rains, nonviedi | | / J X 10 Steet |

| | | | BMW 118d 5-door |
|-------------------|-------------|-------------|---|
| | | | |
| Transmission | | | Cd |
| Type of gearbox | | | 6-speed manual (8-speed Steptronic) |
| Gear ratios | <u>l</u> | :1_ | 4.002 (5.000) |
| | | :1 | 2.108 (3.200) |
| | III | :1 | 1.395 (2.143) |
| | IV | :1 | 1.000 (1.720) |
| | V | :1 | 0.780 (1.314) |
| | VI | :1 | 0.668 (1.000) |
| | VII | :1 | - (0.822) |
| | VIII | :1 | - (0.640) |
| | R | :1 | 3.647 (3.456) |
| Final drive | | :1 | 3.077 (2.647) |
| Performance | | | |
| Power-to-weight r | ratio (DIN) | kg/kW | 12.7 (12.9) |
| Output per litre | | kW/l | 55.1 |
| Acceleration | 0–100 km/h | S | 8.4 (8.2) |
| Top speed | | km/h | 212 (212) |
| BMW EfficientD | vnamice | | |
| BMW EfficientDyr | | | Brake Energy Regeneration with recuperation display, EPS (Electric Power |
| standard features | iamics | | Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function (automatic), BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, differential with optimized-warm-up behavior, tyres with reduced rolling resistance, |
| | | | BMW Blue Performance technology including SCR catalytic converter |
| | | | |
| Fuel consumption | on EU cycle | 11.//1.00.1 | 50, 54 (50, 54) |
| <u>Urban</u> | | Itr/100 km | 5.3 – 5.1 (5.2 – 5.1) |
| Extra-urban | | ltr/100 km | 4.1 – 3.9 (4.2 – 4.1) |
| Combined | | ltr/100 km | 4.6 – 4.4 (4.5 – 4.4) |
| CO ₂ | | g/km | 120 – 115 (118 – 115) |
| Emission rating | | | EU6c (EU6d-TEMP) |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight) Figures in brackets are for vehicles with automatic transmission

¹⁾ Height with roof aerial: 1440 mm ²⁾ Oil change volume

BMW 1 Series 5 Door Hatch. 118d xDrive.

| 09/2018 | |
|---------|--|
| Page 17 | |

| | | BMW 118d xDrive 5-door | |
|----------------------------------|-----------------|--|--|
| | | | |
| Body | | | |
| No. of doors/seats | | 5/5 | |
| Length/width/height 1) (unladen) | mm | 4329 / 1765 / 1421 | |
| Wheelbase | mm | 2690 | |
| Track, front/rear | mm | 1522 / 1556 | |
| Ground clearance | mm | 140 | |
| Turning circle | m | 11.3 | |
| Tank capacity | approx. ltr | 52 | |
| Engine oil 2) | ltr | 5.2 | |
| Weight, unladen, to DIN/EU | kg | 1475 / 1550 | |
| Max. load to DIN | kg | 545 | |
| Max. permissible weight | kg | 2020 | |
| Max. axle load, front/rear | kg | 950 / 1120 | |
| Max. trailer load, | kg | | |
| braked (12%)/unbraked | | 1500 / 710 | |
| Max. roof load/towbar download | kg | 75 / 75 | |
| Luggage comp. capacity | ltr | 360 – 1200 | |
| Air resistance | Cd X A | 0.31 x 2.14 | |
| | | | |
| Engine | | | |
| Config./No. of cyls./valves | | in-line / 4 / 4 | |
| Engine technology | | BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common rail direct fuel injection with solenoid injectors | |
| Effective capacity | cm ³ | 1995 | |
| Stroke/bore | mm | 90.0 / 84.0 | |
| Compression ratio | :1 | 16.5 | |
| Fuel | | Diesel | |
| Output | kW/hp | 110 / 150 | |
| at | rpm | 4000 | |
| Torque | Nm | 320 | |
| at | rpm | 1500 – 3000 | |
| Electrical System | | | |
| Battery/Installation | Ah/- | 80 / luggage comp. | |
| | | 33 · · · · · · · · · · · · · · · · · · | |
| Driving Dynamics and Safety | | | |
| Suspension, front | | Aluminium double-joint spring strut axle | |
| Suspension, rear | | Five-link axle in lightweight steel construction with double elastic bearing | |
| Brakes, front | | Single-piston floating-calliper disc brakes | |
| Brakes, rear | | Single-piston floating-calliper disc brakes | |
| Driving stability systems | | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), | |
| | | CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying | |
| | fu | unction, fading compensation, start-off assistant, networked with xDrive all | |
| | | wheel-drive system | |
| Safety equipment | 5 | Standard: airbags for driver and front passenger, side airbags for driver and | |
| | | front passenger, head airbags for front and rear seats, three-point inertia- | |
| | | reel seatbelts on all seats with belt latch tensioner and belt force limiter at | |
| | | the front seats, crash sensors, Tyre Pressure Indicator | |
| Steering | | Electromechanical rack-and-pinion power steering (EPS); | |
| | | optional: Servotronic function, Variable Sport Steering | |
| Steering ratio, overall | :1 | 15.0 | |
| Tyres, front/rear | 205/55 R16 91V | | |
| Tyres, Horibreai | 7J x 16 steel | | |

| | | BMW 118d xDrive 5-door |
|-----------------------------|------------|--|
| Transmission | | |
| Type of gearbox | | 6-speed manual |
| Gear ratios | I :1 | 4.110 |
| Geal Tatios | l :1 | 2.248 |
| | | 1.403 |
| | | |
| | IV :1 | 1.000 |
| | V :1 | 0.802 |
| | VI :1 | 0.659 |
| | R :1 | 3.727 |
| Final drive | :1 | 3.154 |
| Performance | | |
| Power-to-weight ratio (DIN) | kg/kW | 13.4 |
| Output per litre | kW/l | 55.1 |
| Acceleration 0–100 km | ı/h s | 8.5 |
| Top speed | km/h | 210 |
| BMW EfficientDynamics | | |
| BMW EfficientDynamics | | Brake Energy Regeneration with recuperation display, EPS (Electric Power |
| standard features | | Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO |
| | | mode, BMW EfficientLightweight, optimised aerodynamic attributes, on- |
| | | demand operation of ancillary units, map-controlled oil pump, detachable |
| | | a/c compressor, differential and power divider with optimized-warm-up |
| | | behavior, tyres with reduced rolling resistance, |
| | | BMW Blue Performance technology including SCR catalytic converter |
| | | Biviv Black distributes testinology inclading deriverted |
| Fuel consumption EU cy | cle | |
| Urban | ltr/100 km | 6.2 – 6.1 |
| Extra-urban | ltr/100 km | 4.7 – 4.6 |
| Combined | ltr/100 km | 5.2 – 5.1 |
| CO ₂ | g/km | 138 – 135 |
| Emission rating | | EU6c |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

¹⁾ Height with roof aerial: 1440 mm ²⁾ Oil change volume

BMW 1 Series 5 Door Hatch. 120d.

| 09/2018 Page 19 | |
|--------------------|--|
| | |

| | | BMW 120d 5-door |
|---|--------------------|--|
| | | DIVIW 1200 3-0001 |
| Body | | |
| No. of doors/seats | | 5/5 |
| Length/width/height 1) (unladen) | mm | 4329 / 1765 / 1421 |
| Wheelbase | mm | 2690 |
| Track, front/rear | mm | 1521 / 1556 |
| Ground clearance | mm | 140 |
| Turning circle | m | 10.9 |
| Tank capacity | approx. ltr | 52 |
| Engine oil ²⁾ | ltr | 5.2 |
| Weight, unladen, to DIN/EU | kg | 1420 / 1495 (1430 / 1505) |
| Max. load to DIN | ka | 555 |
| Max. permissible weight | kg | 1975 (1985) |
| | kg | 910 / 1120 |
| Max. axle load, front/rear | kg | 91071120 |
| Max. trailer load, braked (12%)/unbraked | kg | 1500 / 710 |
| · ' | l.a | 1500 / 710 |
| Max. roof load/towbar download | kg | 75 / 75 |
| Luggage comp. capacity | ltr | 360 – 1200 |
| Air resistance | c _d x A | 0.31 x 2.14 |
| Engine | | |
| Config./No. of cyls./valves | | in-line / 4 / 4 |
| Engine technology | | BMW TwinPower Turbo technology: turbocharger with variable inlet |
| | 2 | geometry, common rail direct fuel injection with solenoid injectors |
| Effective capacity | cm ³ | 1995 |
| Stroke/bore | mm | 90.0 / 84.0 |
| Compression ratio | .1 | 16.5 |
| Fuel | | Diesel |
| Output | kW/hp | 140 / 190 |
| at | rpm | 4000 |
| Torque | Nm | 400 |
| at | rpm | 1750 – 2500 |
| Electrical System | | |
| Battery/Installation | Ah/– | 80 / luggage comp. |
| Driving Dynamics and Safety | | |
| Suspension, front | | Aluminium double-joint spring strut axle |
| Suspension, rear | | Five-link axle in lightweight steel construction with double elastic bearing |
| Brakes, front | | Single-piston floating-calliper disc brakes |
| | | Single-piston floating-calliper disc brakes |
| Brakes, rear | | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), |
| Driving stability systems | | |
| | | CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying |
| Cofety aguinment | | function, fading compensation, start-off assistant |
| Safety equipment | | Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia- |
| | | reel seatbelts on all seats with belt latch tensioner and belt force limiter at |
| | | the front seats, crash sensors, Tyre Pressure Indicator |
| Steering | | Electromechanical rack-and-pinion power steering (EPS); |
| | | optional: Servotronic function, Variable Sport Steering |
| Steering ratio, overall | :1 | 15.0 |
| Tyres, front/rear | .1 | 205/55 R16 91V |
| Rims, front/rear | | 7J x 16 steel |
| riiiis, iiUllVIEdi | | /JX 10 Steel |

| | | | BMW 120d 5-door |
|-------------------|-------------|------------|--|
| | | | DINIV 1200 0-0001 |
| Transmission | | | |
| Type of gearbox | | | 6-speed manual (8-speed Steptronic) |
| Gear ratios | I | :1 | 4.110 (5.000) |
| | II | :1 | 2.248 (3.200) |
| | III | :1 | 1.403 (2.143) |
| | IV | :1 | 1.000 (1.720) |
| | V | :1 | 0.802 (1.314) |
| | VI | :1 | 0.659 (1.000) |
| | VII | :1 | - (0.822) |
| | VIII | :1 | - (0.640) |
| | R | :1 | 3.727 (3.456) |
| Final drive | | :1 | 3.077 (2.647) |
| Performance | | | |
| Power-to-weight r | atio (DIN) | kg/kW | 10.1 (10.2) |
| Output per litre | , | kW/l | 70.2 |
| | 0–100 km/h | S | 7.2 (7.1) |
| Top speed | | km/h | 228 (228) |
| BMW EfficientD | vnamics | | |
| BMW EfficientDyn | • | | Brake Energy Regeneration with recuperation display, EPS (Electric Power |
| standard features | larriics | | Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function (automatic), BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, differential with |
| | | | optimized-warm-up behavior, tyres with reduced rolling resistance, BMW Blue Performance technology including SCR catalytic converter |
| Fuel consumption | on EU cycle | | |
| Urban | | ltr/100 km | 5.4 – 5.2 (5.2 – 5.2) |
| Extra-urban | | ltr/100 km | 4.3 – 4.2 (4.2 – 4.2) |
| Combined | | ltr/100 km | 4.7 – 4.6 (4.6 – 4.5) |
| CO ₂ | | g/km | 124 – 121 (121 – 120) |
| Emission rating | | | EU6c (EU6d-TEMP) |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight) Figures in brackets are for vehicles with automatic transmission

¹⁾ Height with roof aerial: 1440 mm ²⁾ Oil change volume

BMW 1 Series 5 Door Hatch. 120d xDrive.

| 09/2018 | 3 |
|---------|---|
| Page 21 | |

| | | BMW 120d xDrive 5-door |
|--|--------------------|---|
| Body | | |
| No. of doors/seats | | 5/5 |
| Length/width/height 1) (unladen) | mm | 4329 / 1765 / 1421 |
| Wheelbase | mm | 2690 |
| Track, front/rear | mm | 1522 / 1556 |
| Ground clearance | mm | 140 |
| Turning circle | m | 11.3 |
| Tank capacity | approx. ltr | 52 |
| Engine oil 2) | ltr | 5.2 |
| Weight, unladen, to DIN/EU | | |
| Max. load to DIN | kg | 550 |
| | kg | 2050 |
| Max. permissible weight | kg | |
| Max. axle load, front/rear | kg | 975 / 1120 |
| Max. trailer load, | kg | 1500 / 750 |
| braked (12%)/unbraked | 1. | 1500 / 750 |
| Max. roof load/towbar download | kg | 75 / 75 |
| Luggage comp. capacity | ltr_ | 360 – 1200 |
| Air resistance | c _d x A | 0.32 x 2.14 |
| Engine | | |
| Config./No. of cyls./valves | | in-line / 4 / 4 |
| Engine technology | | BMW TwinPower Turbo technology: turbocharger with variable inlet |
| | | geometry, common rail direct fuel injection with solenoid injectors |
| Effective capacity | cm ³ | 1995 |
| Stroke/bore | mm | 90.0 / 84.0 |
| Compression ratio | :1 | 16.5 |
| Fuel | | Diesel |
| Output | kW/hp | 140 / 190 |
| at | rpm | 4000 |
| Torque | Nm | 400 |
| at | rpm | 1750 – 2500 |
| Flactuical Contains | | |
| Electrical System Battery/Installation | Ah/- | 80 / luggage comp. |
| <u> </u> | 7 4 17 | cornaggage comp. |
| Driving Dynamics and Safety | | |
| Suspension, front | | Aluminium double-joint spring strut axle |
| Suspension, rear | | Five-link axle in lightweight steel construction with double elastic bearing |
| Brakes, front | | Single-piston floating-calliper disc brakes |
| Brakes, rear | | Single-piston floating-calliper disc brakes |
| Driving stability systems | | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), |
| | | CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying |
| | fı | unction, fading compensation, start-off assistant, networked with xDrive all- |
| | | wheel-drive system |
| Safety equipment | | Standard: airbags for driver and front passenger, side airbags for driver and |
| | | front passenger, head airbags for front and rear seats, three-point inertia- |
| | | reel seatbelts on all seats with belt latch tensioner and belt force limiter at |
| | | the front seats, crash sensors, Tyre Pressure Indicator |
| Steering | | Electromechanical rack-and-pinion power steering (EPS); |
| | | optional: Servotronic function, Variable Sport Steering |
| Steering ratio, overall | :1 | 15.0 |
| Tyres, front/rear | | 205/55 R16 91V |
| Rims, front/rear | | 7J x 16 steel |

| | | | BMW 120d xDrive 5-door |
|------------------|----------------|-------|--|
| Transmission | | | |
| Type of gearbox | x | | 8-speed Steptronic |
| Gear ratios | 1 | :1 | 5.000 |
| | II | :1 | 3.200 |
| | III | :1 | 2.143 |
| | IV | :1 | 1.720 |
| | V | :1 | 1.314 |
| | VI | :1 | 1.000 |
| | VII | :1 | 0.822 |
| | VIII | :1 | 0.640 |
| | R | :1 | 3.456 |
| Final drive | | :1 | 2.647 |
| Performance | | | |
| Power-to-weigh | nt ratio (DIN) | kg/kW | 10.7 |
| Output per litre | | kW/l | 70.2 |
| Acceleration | 0-100 km/h | S | 6.9 |
| Top speed | | km/h | 222 |
| BMW Efficient | tDynamics | | |
| BMW EfficientD | Dynamics | [| Brake Energy Regeneration with recuperation display, EPS (Electric Power |
| standard feature | es | | Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO |

mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, mapcontrolled oil pump, detachable a/c compressor, differential and power divider with optimized-warm-up behavior, tyres with reduced rolling resistance, BMW Blue Performance technology including SCR catalytic converter

| Fuel consumption El | J cycle | | |
|---------------------|------------|-----------|--|
| Urban | ltr/100 km | 6.0 – 5.8 | |
| Extra-urban | ltr/100 km | 4.8 – 4.7 | |
| Combined | ltr/100 km | 5.2 – 5.1 | |
| CO ₂ | g/km | 138 – 135 | |
| Emission rating | | EU6d-TEMP | |

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

¹⁾ Height with roof aerial: 1440 mm ²⁾ Oil change volume

BMW 1 Series 5 Door Hatch. 125d.

| 09/2018 |
|---------|
| Page 23 |
| |

| | | BMW 125d 5-door |
|----------------------------------|--------------------|--|
| | | DIVIW 1230 3-0001 |
| Body | | |
| No. of doors/seats | | 5/5 |
| Length/width/height 1) (unladen) | mm | 4329 / 1765 / 1421 |
| Wheelbase | mm | 2690 |
| Track, front/rear | mm | 1521 / 1556 |
| Ground clearance | mm | 140 |
| Turning circle | m | 10.9 |
| Tank capacity | approx. ltr | 52 |
| Engine oil 2) | ltr | 5.2 |
| Weight, unladen, to DIN/EU | kg | 1475 / 1550 |
| Max. load to DIN | kg | 545 |
| Max. permissible weight | kg | 2020 |
| Max. axle load, front/rear | kg | 940 / 1120 |
| Max. trailer load, | kg | 31071723 |
| braked (12%)/unbraked | iv9 | 1500 / 710 |
| Max. roof load/towbar download | kg | 75/75 |
| Luggage comp. capacity | ltr | 360 – 1200 |
| Air resistance | C _d x A | 0.31 x 2.14 |
| All resistance | CaxA | 0.01 \ 2.14 |
| Engine | | |
| Config./No. of cyls./valves | | in-line / 4 / 4 |
| Engine technology | | BMW TwinPower Turbo technology: multi-stage charging, |
| 3 3, | | high and low pressure turbocharger with variable-geometry, |
| | | Common Rail direct injection with solenoid valve injectors |
| Effective capacity | cm ³ | 1995 |
| Stroke/bore | mm | 90.0 / 84.0 |
| Compression ratio | :1 | 16.5 |
| Fuel | | Diesel |
| Output | kW/hp | 165 / 224 |
| at | rpm | 4400 |
| Torque | Nm | 450 |
| at | rpm | 1500 – 3000 |
| | | |
| Electrical System | | |
| Battery/Installation | Ah/– | 80 / luggage comp. |
| | | |
| Driving Dynamics and Safety | | |
| Suspension, front | | Aluminium double-joint spring strut axle |
| Suspension, rear | | Five-link axle in lightweight steel construction with double elastic bearing |
| Brakes, front | | Single-piston floating-calliper disc brakes |
| Brakes, rear | | Single-piston floating-calliper disc brakes |
| Driving stability systems | | Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), |
| | | CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying |
| | | function, fading compensation, start-off assistant |
| Safety equipment | | Standard: airbags for driver and front passenger, side airbags for driver and |
| | | front passenger, head airbags for front and rear seats, three-point inertia- |
| | | reel seatbelts on all seats with belt latch tensioner and belt force limiter at |
| | | the front seats, crash sensors, Tyre Pressure Indicator |
| | | |
| Steering | | Electromechanical rack-and-pinion power steering (EPS); |
| | | Electromechanical rack-and-pinion power steering (EPS); optional: Servotronic function, Variable Sport Steering |
| Steering Steering ratio, overall | :1 | Electromechanical rack-and-pinion power steering (EPS); |
| | :1 | Electromechanical rack-and-pinion power steering (EPS); optional: Servotronic function, Variable Sport Steering |

| | | BMW 125d 5-door |
|-----------------------------|-----------------|--|
| Transmission | | |
| Type of gearbox | | 8-speed Steptronic |
| Gear ratios I | :1 | 5.000 |
| | II :1 | 3.200 |
| | III :1 | 2.143 |
| | IV :1 | 1.720 |
| | V :1 | 1.314 |
| | VI :1 | 1.000 |
| | /II :1 | 0.822 |
| V | 'III :1 | 0.640 |
| | R :1 | 3.456 |
| Final drive | :1 | 2.647 |
| | | |
| Performance | | |
| Power-to-weight ratio (DIN) | kg/kW | 8.9 |
| Output per litre | kW/l | 82.7 |
| Acceleration 0–100 km/h | S | 6.4 |
| Top speed | km/h | 240 |
| BMW EfficientDynamics | | |
| BMW EfficientDynamics | | Brake Energy Regeneration with recuperation display, EPS (Electric Power |
| standard features | | Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO |
| | | mode with coasting function, BMW EfficientLightweight, optimised |
| | | aerodynamic attributes, on-demand operation of ancillary units, map- |
| | | controlled oil pump, detachable a/c compressor, differential with optimized- |
| | | warm-up behavior, tyres with reduced rolling resistance, |
| | | BMW Blue Performance technology including SCR catalytic converter |
| <u></u> | | |
| Fuel consumption EU cycle | e Itr/100 km | 5.5 |
| <u>Urban</u> Extra-urban | Itr/100 km | |
| Combined | Itr/100 km | 4.3 |
| CO ₂ | g/km | |
| Emissian rating | g/KIII | TIIG. |

EU6c

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

Emission rating

¹⁾ Height with roof aerial: 1440 mm ²⁾ Oil change volume