

Specifications.

BMW 1 Series 5 Door Hatch.

118d, 118d xDrive



		BMW 118d 5-door	BMW 118d xDrive 5-door
Body			
No. of doors/seats		5 / 5	5 / 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. ltr	52	52
Cooling system incl. heater	ltr	7.0	7.0
Engine oil ²⁾	ltr	5.0	5.0
Weight, unladen, to DINEU	kg	1350 / 1425 (1375 / 1450)	1425 / 1500
Max. load to DIN	kg	565	550
Max. permissible weight	kg	1915 (1940)	1975
Max. axle load, front/rear	kg	900 / 1090	940 / 1090
Max. trailer load, braked (12%/unbraked)	kg	1500 / 690	1500 / 710
Max. roof load/max towbar download	kg	75 / 75	75 / 75
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		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common rail direct injection with solenoid valve injectors, max. injection pressure: 2,000 bar	
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
Electrical System			
Battery/installation	Ah/–	90 / luggage comp.	90 / luggage comp.
Alternator	AW	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 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), 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 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 Indicator	
Steering		Electric Power Steering (EPS), optional: Servotronic function, variable sport steering	
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 5-door	BMW 118d xDrive 5-door
Transmission				
Type of transmission			6-speed manual (optional: 8-speed Steptronic transmission)	6-speed manual
Gear ratios	I	:1	4.002 (5.000)	4.110
	II	:1	2.130 (3.200)	2.248
	III	: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		:1	3.077 (2.647)	3.154
Performance				
Power-to-weight ratio		kg/kW	12.3 (12.5)	13.0
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 EfficientDynamics				
BMW EfficientDynamics standard features		Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Gearshift Indicator, ECO PRO mode with coasting function (automatic), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, final drive with optimised warm-up behaviour, efficiency- and weight-optimised transfer case (BMW 118d xDrive), tyres with reduced roll resistance		
Fuel Consumption EU ³⁾				
With standard tyres				
Urban		ltr/100 km	5.0 (4.7)	5.1
Extra-urban		ltr/100 km	3.6 (3.6)	3.8
Combined		ltr/100 km	4.1 (4.0)	4.3
CO ₂		g/km	109 (105)	113
With rims 7J x 16 and tyres 205/55 R16 (BMW 118d), with rims 7J x 17 and tyres 205/50 R17, with rims 7.5J x 17 and tyres 225/45 R 17 as well as winter tyres, with rims 7.5J x 17 front, 8J x 17 rear and tyres 225/45 R17 front, 245/40 R17 rear				
Urban		ltr/100 km	4.8 (4.5)	5.4
Extra-urban		ltr/100 km	3.5 (3.4)	4.0
Combined		ltr/100 km	4.0 (3.8)	4.5
CO ₂		g/km	104 (99)	119
With rims 7.5J x 18 front, 8J x 18 rear and tyres 225/40 R18 front, 245/35 R18 rear				
Urban		ltr/100 km	5.2 (4.9)	5.6
Extra-urban		ltr/100 km	3.8 (3.8)	4.1
Combined		ltr/100 km	4.3 (4.2)	4.7
CO ₂		g/km	114 (110)	123
Emission rating			EU6	EU6

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 CO₂ emission figures depend on the selected tyre format