BMW
Media
Information

5/2016

Valid from
7/2016

Specifications.
BMW 1 Series 3 Door Hatch.
M140i

		BMW M140i 3-door
Body		
No. of doors/seats		3 / 4 (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. ltr	52
Engine oil[2]	ltr	6.5
Weight, unladen, to DIN/EU	kg	1445 / 1520 (1470 / 1545)
Max. load to DIN	kg	565
Max. permissible weight	kg	2010 (2035)
Max. axle load, front/rear	kg	970 / 1120
Max. trailer load, braked (12%)/unbraked	kg	– / –
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		
Config./No. of cyls./valves		in-line / 6 / 4
Engine technology		M Performance TwinPower Turbo technology with twin-scroll turbocharger, High Precision Direct Injection, fully variable valve control (VALVETRONIC) and double-VANOS variable camshaft control
Effective capacity	cm^3	2998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel grade		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), Dry Braking function, Fading Compensation, Start-Off Assistant
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 pressure indicator
Steering		Electric 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

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Transmission			
Type of gearbox			6-speed manual gearbox (optional: 8-speed Steptronic Sport transmission)
Gear ratios	I	:1	4.110 (5.000)
	II	:1	2.315 (3.200)
	III	:1	1.542 (2.143)
	IV	:1	1.179 (1.720)
	V	:1	1.000 (1.314)
	VI	:1	0.846 (1.000)
	VII	:1	– (0.822)
	VIII	:1	– (0.640)
	R	:1	3.727 (3.456)
Final drive		:1	3.077 (2.813)
Performance			
Power-to-weight ratio (DIN)		kg/kW	5.8 (5.9)
Output per litre		kW/ltr	83.4
Acceleration	0–100 km/h	s	4.8 (4.6)
in 5th gear	80–120 km/h	s	4.8 (–)
Top speed		km/h	250 (250)
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, final drive with optimised warm-up behaviour
Fuel consumption EU			
Urban		ltr/100 km	10.6 (9.4)
Extra-urban		ltr/100 km	6.2 (5.8)
Combined		ltr/100 km	7.8 (7.1)
CO_2		g/km	179 (163)
Emission rating			EU6

Specifications apply to ACEA markets; data relevant to homologation applicable in part only to Germany (weight)
Figures in brackets apply to automatic transmission

[1] Height including roof aerial
[2] Oil change volume