BMW Media Information

5/2016

Valid from 7/2016

## Specifications. BMW 1 Series 5 Door Hatch. M140i



No. of doors/seats	
No. of doors/seats	
Length-width/height <sup>1)</sup> (unladen)	
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 <sup>29</sup> ltr         6.5           Weight, unladen, to DIN/EU         kg         1450 / 1525           Max. load to DIN         kg         565           Max. permissible weight         kg         2015 (2040)           Max. sale load, frontfrear         kg         970 / 1120           Max. railer load, by braked (12%)Junbraked         -/-           Max. roof load/towbar download         kg         75 / -           Luggage comp. capacity         ltr         360 - 1200           Air resistance         C <sub>d</sub> x A         0.34 x 2.14           Engine         Ir- Image of the tomology         M Performance TwinPower Turbo technology with twin-scroll turbo High Precision Direct Injection, fully variable valve control (VALVET and double-VANOS variable camshaft control           Effective capacity         cm³         2998           Stroke/Bore         mm         94.6 / 82.0           Compression ratio         :1         11.0           Fuel grade         min.	
Track, front/rear	
Ground clearance         mm         130           Turning circle         m         10.9           Tank capacity         approx. Itr         52           Engine oil²         Itr         6.5           Weight, unladen, to DIN/EU         kg         1450 / 1525           Max. load to DIN         kg         565           Max. permissible weight         kg         2015 (2040)           Max. axel load, front/rear         kg         970 / 1120           Max. trailer load, braked (12%)/unbraked         kg         970 / 1120           Max. role fload/towbar download         kg         75 / -           Luggage comp. capacity         Itr         360 - 1200           Air resistance         C <sub>d</sub> x A         0.34 x 2.14           Engine         In-line / 6 / 4         1           Engine technology         M Performance TwinPower Turbo technology with twin-scroll turbo High Precision Direct Injection, fully variable valve control (VALVETI and double-VANOS variable camshaft control           Effective capacity         cm³         2998           Stroke/bore         mm         94.6 / 82.0           Compression ratio         :1         11.0           Fuel grade         min. RON 91           Output         kW/hp         250 / 340 <td></td>	
Turning circle	
Tank capacity	
Engine oil*2	
Weight, unladen, to DIN/EU  Rg  1450 / 1525 (1475 / 1550)  Max. load to DIN  Rg  565  Max. permissible weight  Rg  2015 (2040)  Max. axle load, front/rear  Rg  970 / 1120  Max. trailer load,  Rg  Max. roof load/towbar download  Rg  75 /-  Luggage comp. capacity  Refective capacity  Mereformance TwinPower Turbo technology with twin-scroll turbo  High Precision Direct Injection, fully variable valve control (VALVETI  and double-VANOS variable camshaft control  Effective capacity  Cm³  2998  Stroke/Bore  Compression ratio  11.0  Fuel grade  Min. RON 91  Output  RW/hp  250 / 340  att  rpm  5500  Torque  Nm  500  att  Fire-link axle in lightweight steel construction with double elastic be Brakes, froat  Five-link axle in lightweight steel construction with double elastic be Brakes, froat  Furloug stability systems  Five-link axle in lightweight steel construction with double elastic be Driving stability systems  Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control	
Max. load to DIN kg 565  Max. permissible weight kg 2015 (2040)  Max. permissible weight kg 970 / 1120  Max. trailer load, braked (12%) funbraked -/-  Max. roof load/towbar download kg 75 / -  Luggage comp. capacity ltr 360 - 1200  Air resistance C <sub>d</sub> 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 turbo High Precision Direct Injection, fully variable valve control (VALVET and double-VANOS variable camshaft control)  Effective capacity cm³ 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, rear Five-link axle in lightweight steel construction with double elastic brakes  Brakes, rear Two-piston fixed-calliper disc brakes  Driving stability systems  Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Contro	
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braked (12%)/unbraked         -/-           Max. roof load/towbar download         kg         75/-           Luggage comp. capacity         Itr         360 - 1200           Air resistance         Cd 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 turbo High Precision Direct Injection, fully variable valve control (VALVET and double-VANOS variable valve control (VALVET and d	
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With M-specific elastokinematics           Suspension, rear         Five-link axle in lightweight steel construction with double elastic benefits from the steel construction with double elastic benefits, front           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	
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Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Contro	
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(Cornering Brake Control) LIBC (Livinamic Brake Control) Linv Brakino	
	iking function,
Fading Compensation, Start-Off Assistant  Standard side of facilities and front recognized side of deliver and front recognized side of delivers.	ur driver and
Safety equipment Standard: airbags for driver and front passenger, side airbags for driver and front passenger, side airbags for driver and front passenger, band airbags front and rear three point inactional	
front passenger, head airbags front and rear, three-point inertia-reel s on all seats with belt tensioner and belt force limiter at the fror	
crash sensors, tyre pressure indicator	ii Olit,
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	

**BMW** 

Media Information

5/2016

Valid from 7/2016

## Specifications. BMW 1 Series 5 Door Hatch.

			BMW M140i 5-door
Transmission	<u> </u>		
Type of gearbox			6-speed manual gearbox
71 3			(optional: 8-speed Steptronic Sport transmission)
Gear ratios	I	:1	4.110 (5.000)
	ll l	: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 Efficier	ntDynamics		
BMW EfficientDynamics,			Brake Energy Regeneration with recuperation display,
standard features			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 10.6 (9.4) Urban ltr/100 km Extra-urban ltr/100 km 6.2 (5.8) Combined ltr/100 km 7.8 (7.1) CO<sub>2</sub> 179 (163) g/km 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

<sup>&</sup>lt;sup>1)</sup> Height including roof aerial <sup>2)</sup> Oil change volume